



# 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

*Village Council*  
Robert Oldakowski, *Mayor*  
Robert L. Vernon, *Vice Mayor*  
Enrique Garcia  
Steve Liedman  
Jorge E. Mendia  
Thomas Thornton  
Patricia Weinman

*Village Manager*  
Jacqueline R. Menendez

**DT:** September 6, 2006  
**TO:** Honorable Mayor and Members of the Village Council  
**FR:** Jacqueline R. Menendez, Village Manager  
**RE:** Proposed Harbor Drive Improvements

### RECOMMENDATION

It is recommended that the Village Council approve the proposed improvements to Harbor Drive from the Yacht Club to the Fernwood Road Traffic Circle and direct that the sidewalk, landscaping, and parking components be bid out. It is recommended that the view corridor project in front of the Yacht Club be funded subject to the Council approving plans. It is anticipated this will occur in November or early December.

### EXPLANATION

The 2020 Vision Plan included a streetscape plan on Harbor Drive from the Yacht Club to the Fernwood Road Traffic Circle. The components of this plan include the following:

1. An eight (8) ft. wide sidewalk with shade trees on each side. Larger shade trees will be placed in landscaped areas.
2. Sidewalk lighting.
3. 43 brick paver parking spaces arranged perpendicular to the sidewalk. The spaces are primarily in front of the multipurpose field and the two churches.
4. A view corridor at a yet to be determined location at the Yacht Club.

Staff met with representatives of the Yacht Club and they are considering different projects that will result in a public view corridor. They are in favor of the landscaping and sidewalk improvements in front of their property. There are no plans for parking spaces. Staff also met with representatives from the two churches and they are in favor of the planned improvements.

Attached are plans showing the proposed project. It is estimated the construction cost, excluding the view corridor in front of the Yacht Club will be \$775,000. The view corridor improvements are estimated at \$100,000.



## HARBOR DRIVE IMPROVEMENTS



**HARBOR DRIVE IMPROVEMENTS**

The Village of Key Biscayne 2020 Vision Plan identified a series of potential improvements along and adjacent to Harbor Drive aimed at creating usable open spaces and enhancing access to Biscayne Bay. These improvements include a promenade along the north side of Harbor Drive (from the Fernwood Road roundabout to the west end of the Key Biscayne Yacht Club) and a small public plaza with a water view of the Hacienda Canal. The plan also envisions creating paved parking on the Harbor Drive swales along the frontages of the Presbyterian Church and St. Agnes Catholic Church.

The Harbor Drive promenade consists of an 8 to 10 foot wide sidewalk with a series of closely spaced small flowering trees on either side, forming a shaded allee along this corridor. At the western terminus of the allee exists the opportunity to open up a public water view similar to the view opened up as part of W. Mashta Drive bridge project several years ago. The construction of this plaza would require the cooperation of the Key Biscayne Yacht Club since the Hacienda Canal and surrounding landscape their property. The Village is currently working with the Yacht Club exploring various options.

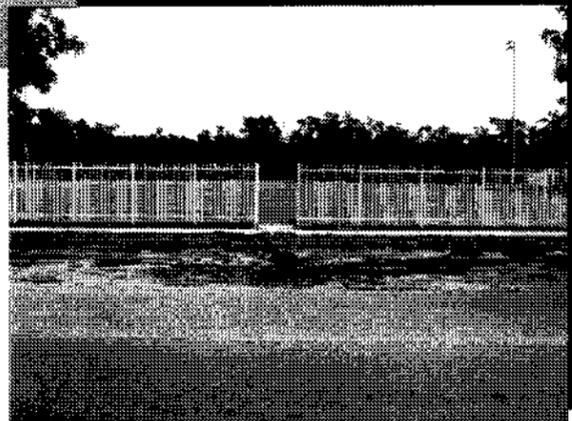
The Vision Plan proposes to formalize the parking in front of the Presbyterian Church and St. Agnes by creating curbed paver-surfaced spaces. In this manner, the deterioration of the swales which currently exists would be eliminated. These parking spaces could be accommodated in a parallel parking or in a head-in parking configuration. The former would allow 16 spaces while the latter would allow for 43 spaces. Both options would be arranged in such a manner to allow planting beds for street shade trees at regular intervals.



Existing Swale



Existing Swale

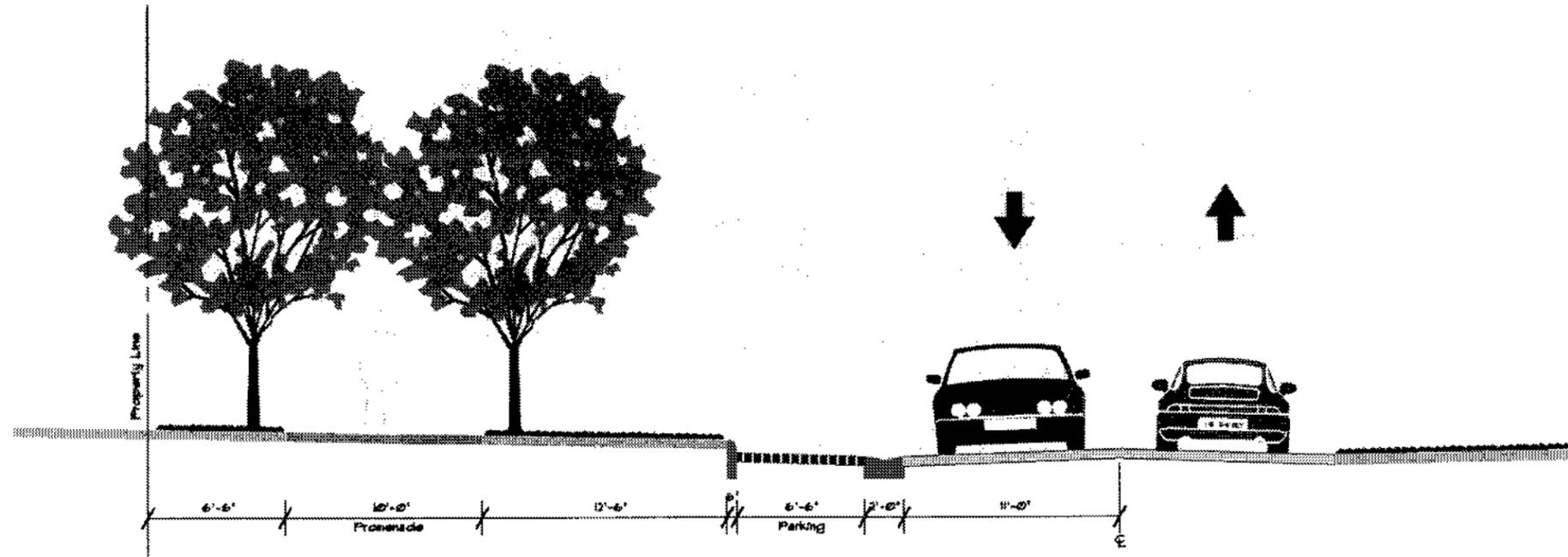


Existing Swale

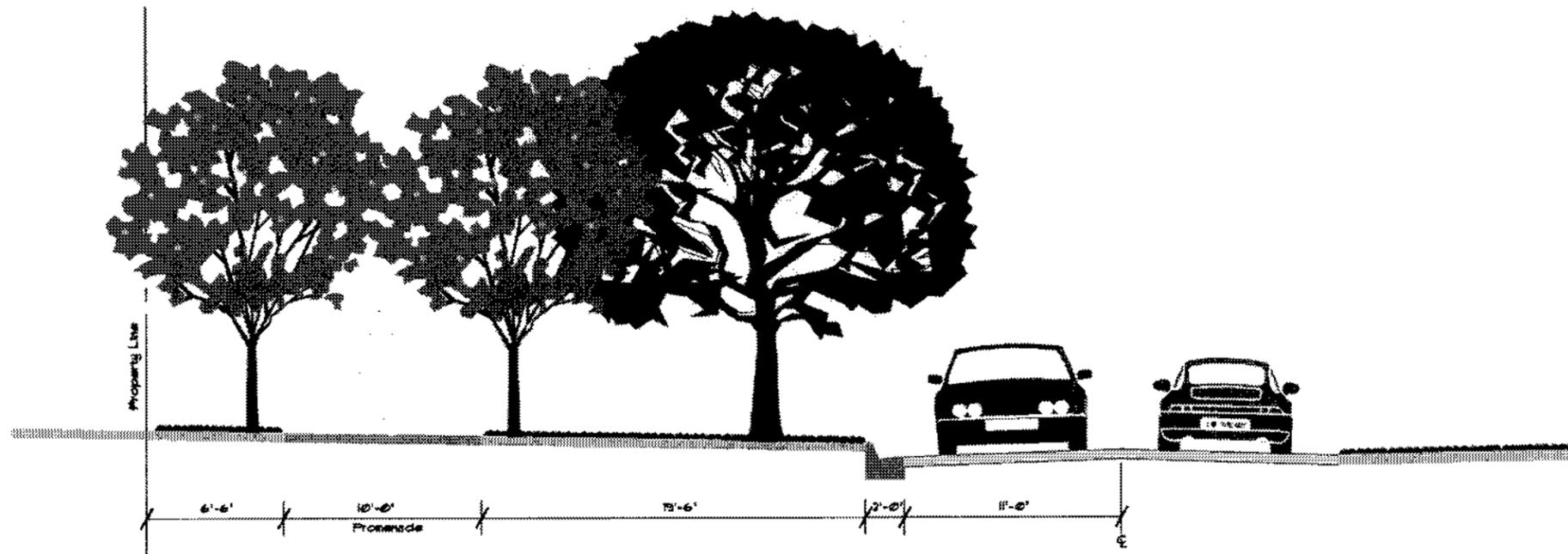
**HARBOR DRIVE CONSTRUCTION COST ESTIMATE**

ITEM	PARALLEL PARKING OPTION 1 (16 Spaces)	HEAD-IN PARKING OPTION 2 (43 Spaces)
Allee	\$375,000	\$350,000
- Sidewalk		
- Landscaping		
Harbor View Plaza	\$125,000	\$125,000
Roadwork	\$210,000	\$210,000
- Curbing		
- Drainage		
- Asphalt		
- Driveway		
Parking	\$90,000	\$190,000
- Including shade trees		
<b>TOTAL:</b>	<b>\$800,000</b>	<b>\$875,000</b>



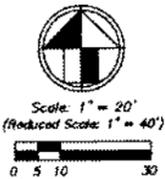
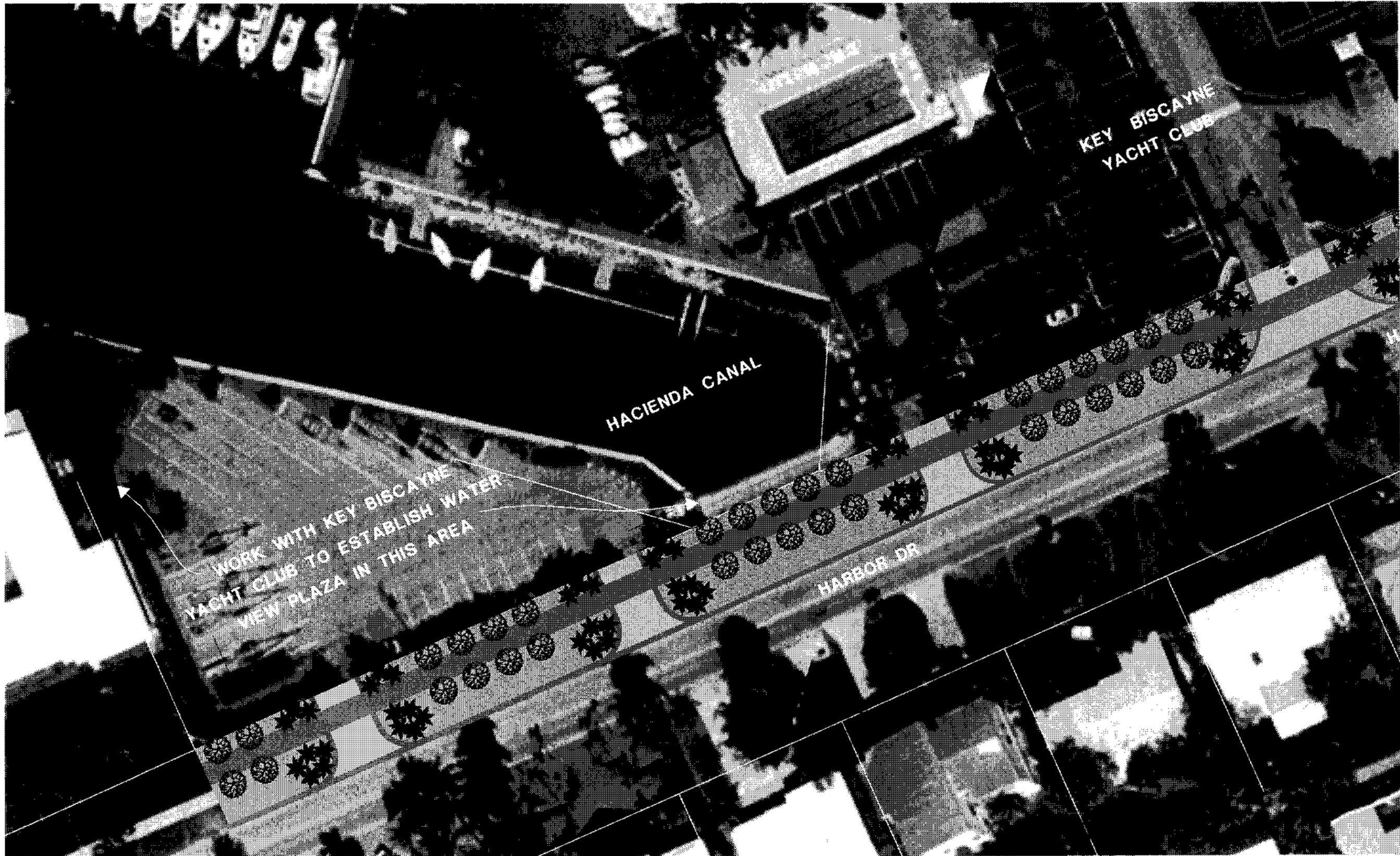


Typical Section - Harbor Drive w/ Parallel Parking



Typical Section - Harbor Drive





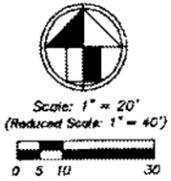
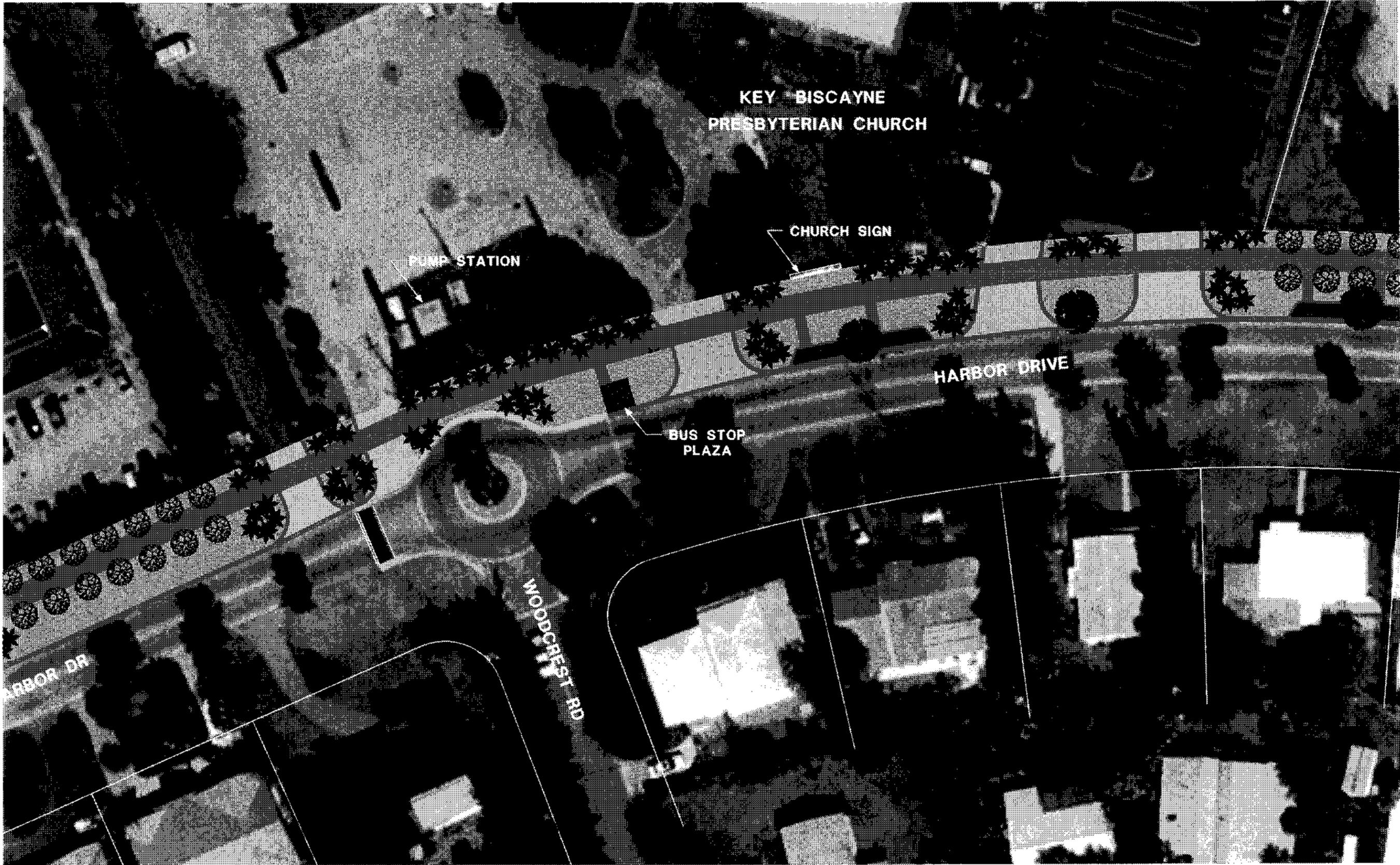
VILLAGE OF KEY BISCAYNE

HARBOR DRIVE IMPROVEMENTS

OPTION 1



SEPTEMBER 12, 2006





VILLAGE OF KEY BISCAIYNE

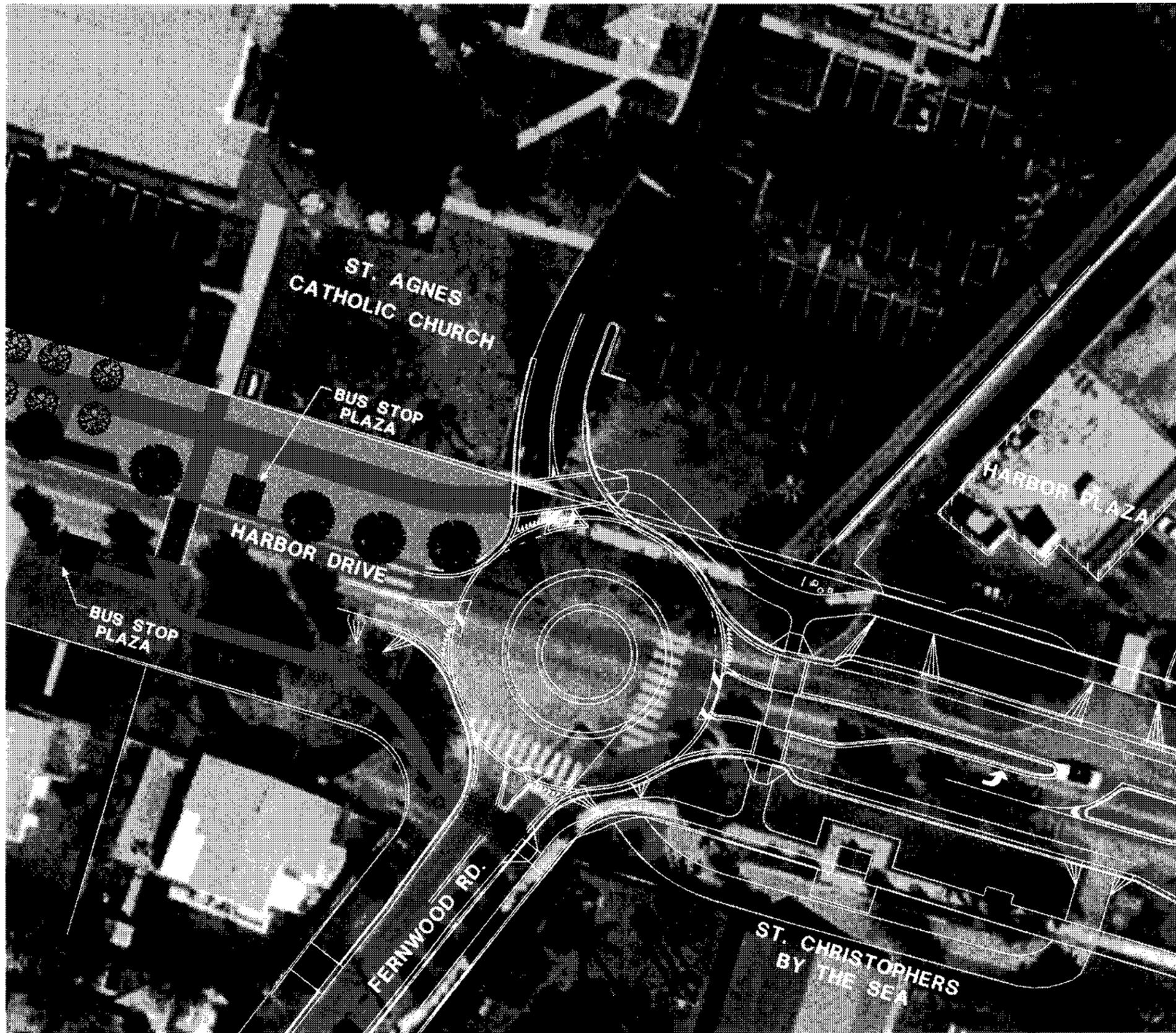
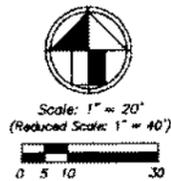
HARBOR DRIVE IMPROVEMENTS

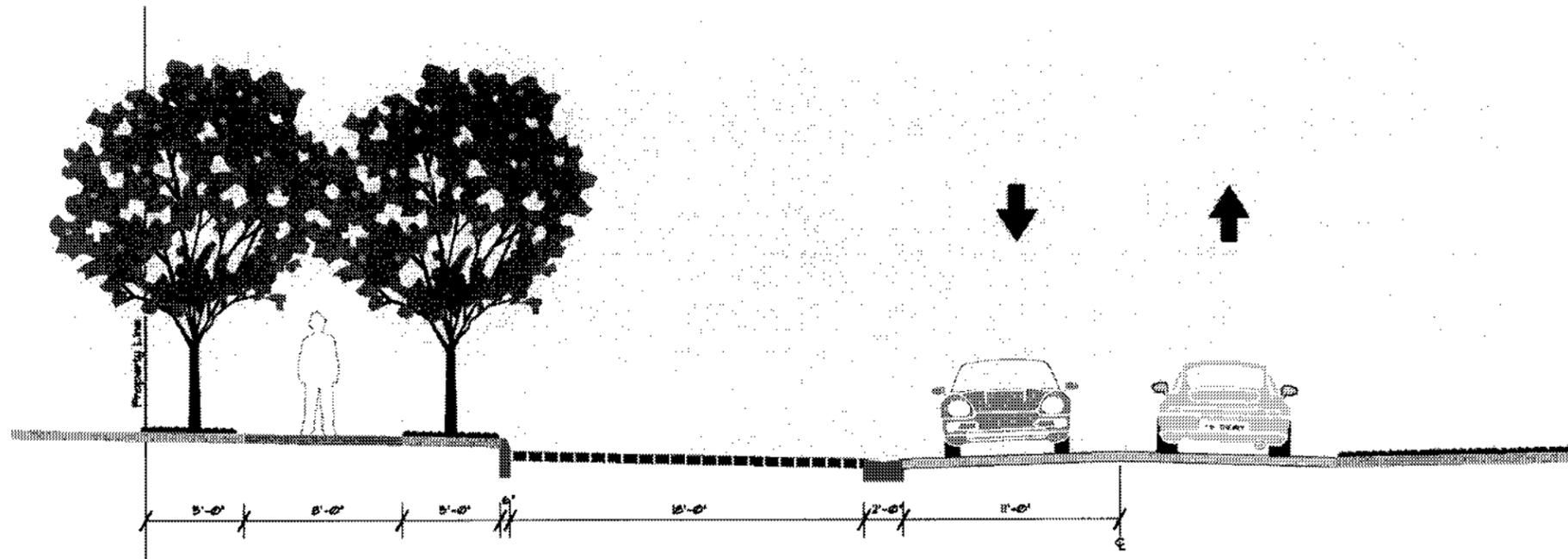
OPTION 1



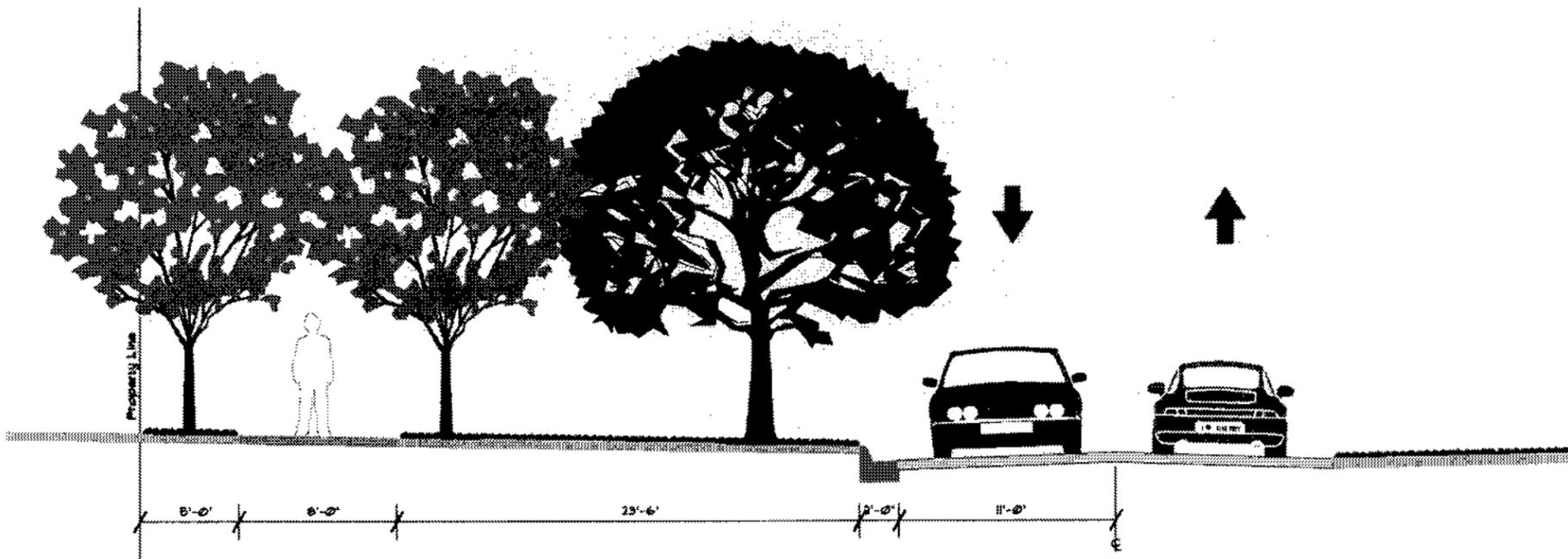
CORZO  
CASTELLA  
CARBALLO  
THOMPSON  
SALZMAN

SEPTEMBER 12, 2006





Typical Section - Harbor Drive w/ 90° Angled Parking

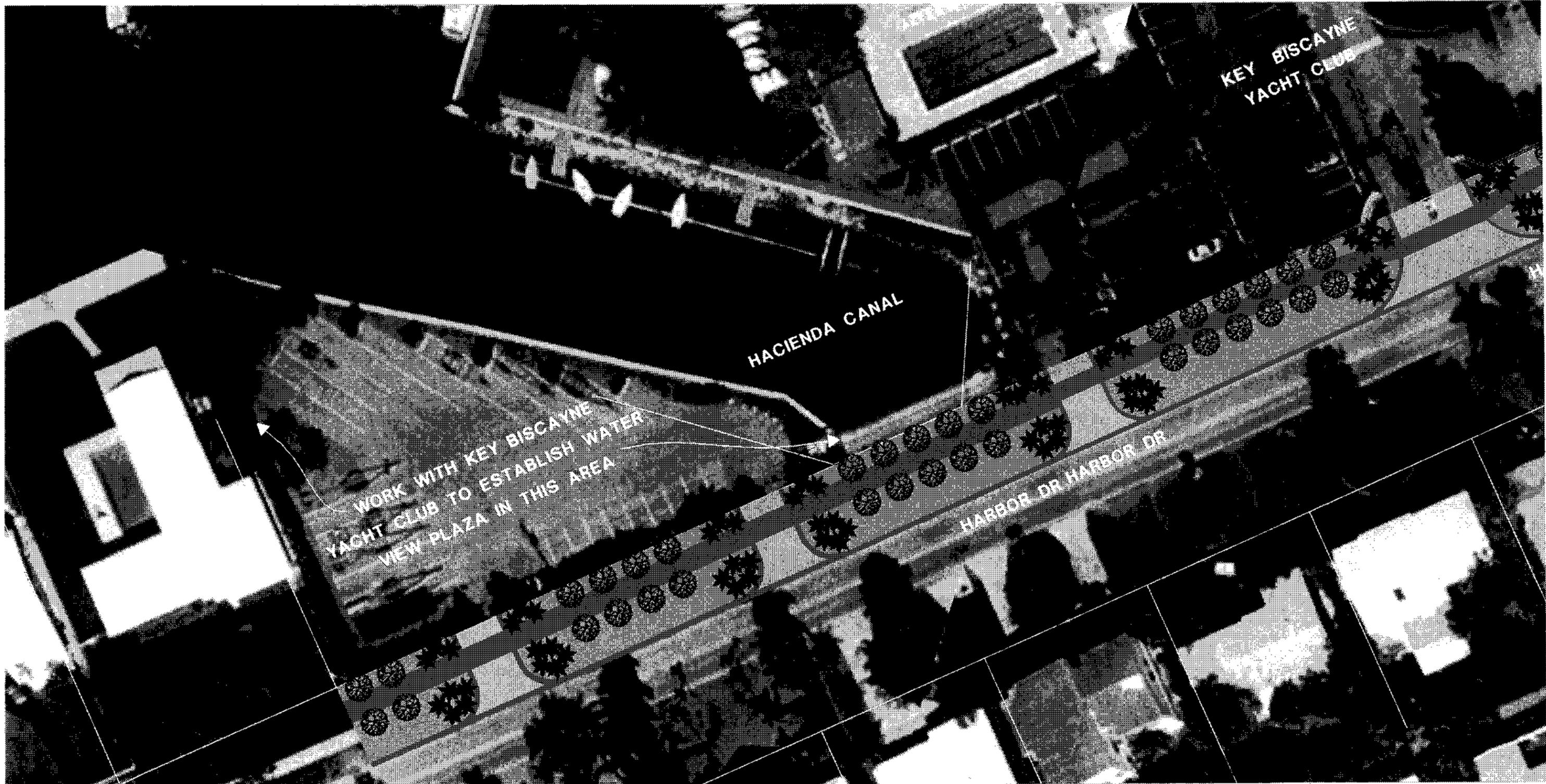


Typical Section - Harbor Drive





Scale: 1" = 20'  
(Reduced Scale: 1" = 40')



VILLAGE OF KEY BISCAIYNE

HARBOR DRIVE IMPROVEMENTS

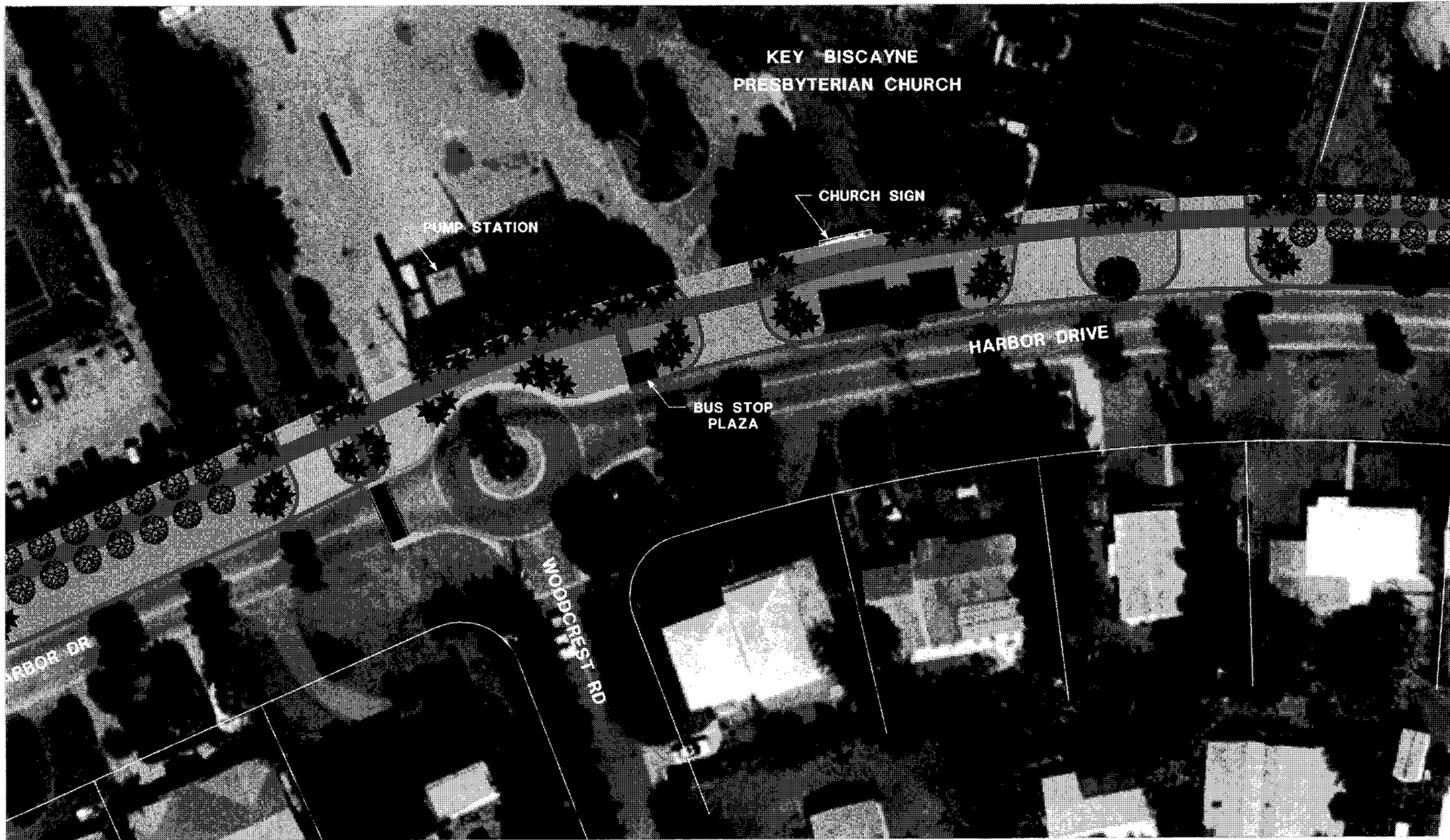
OPTION 2



SEPTEMBER 12, 2006



Scale: 1" = 20'  
(Reduced Scale: 1" = 40')  
0 5 10 30



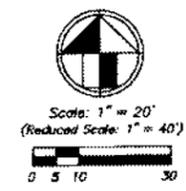
VILLAGE OF KEY BISCAYNE

HARBOR DRIVE IMPROVEMENTS

OPTION 2



SEPTEMBER 12, 2006



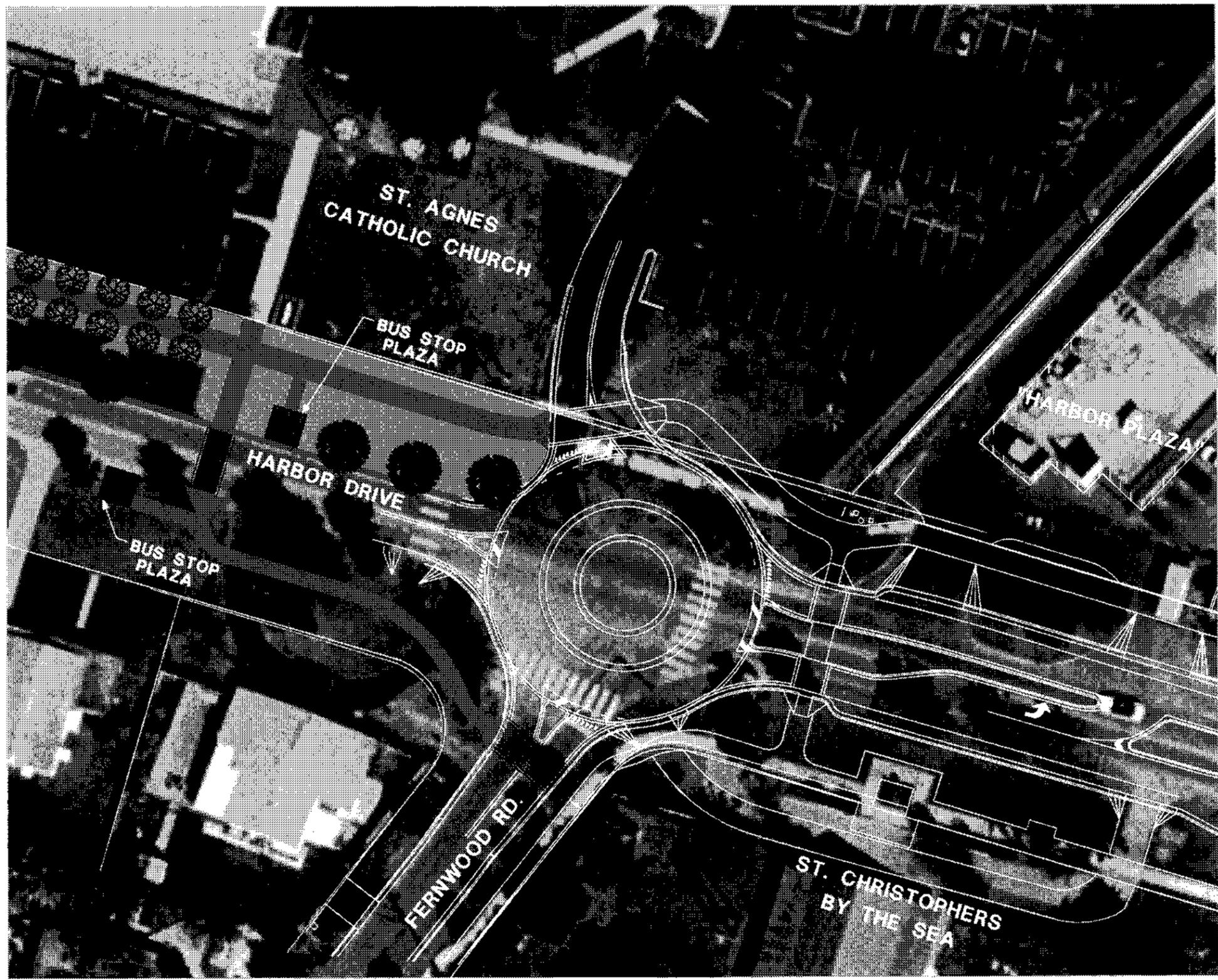
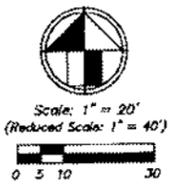
VILLAGE OF KEY BISCAYNE

HARBOR DRIVE IMPROVEMENTS

OPTION 2



SEPTEMBER 12, 2006





Bollard Option 1:  
Lumec BOR80 Bollard



Before

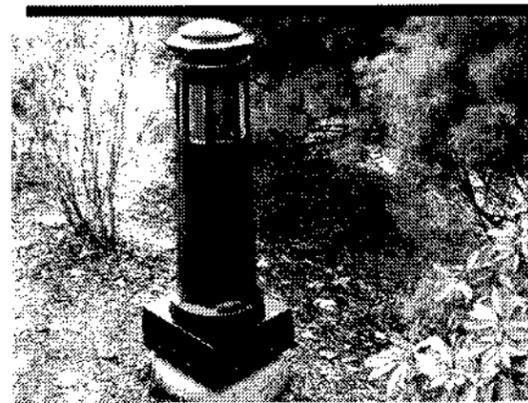


Before

Option 1



Option 2



Bollard Option 2:  
Halophane BOL/NA39

