

**CITY OF HUNTINGTON BEACH
PUBLIC WORKS COMMISSION
REQUEST FOR ACTION**

Item No. PW 10-03

SUBMITTED TO: Chairman McGovern and Members of the Commission

SUBMITTED BY: Travis K. Hopkins, PE, Director of Public Works 

DATE: January 20, 2010

SUBJECT: Murdy Community Center Cool Roof, MSC 472

Statement of Issue: Plans and specifications are in final preparation for replacement of the Murdy Community Center roof with an energy efficient cool roof. Staff is seeking support for the project and the initiation of the competitive bid process.

Funding Source: Funds in the amount of \$240,000 are budgeted in Community Development Block Grant Funds, CDBG-R Murdy Center Roof, Account 86081031.82200. The cost estimate is \$240,000, which includes standard contingency expenses.

Impact on Future Maintenance Costs: It is anticipated that this project will result in reduced future maintenance costs as a new roof includes a warranty period and should require less maintenance than the existing roof.

Recommended Action: Motion to recommend MSC 472, Murdy Community Center Cool Roof, to the City Council.

Alternative Action(s): Deny approval. An alternative action may result in the loss of allocated funds as expenditures must occur prior to September 2010.

Analysis: In June of 2009, Public Works was given the opportunity to apply for American Recovery and Reinvestment Act (ARRA) funds allocated through the Community Development Block Grant program. CDBG-R funds are intended for projects that promote energy efficiency, promote green building technologies, and reduce pollution emissions, among other criteria. Public Works was awarded funds to replace the existing roof at Murdy Community Center with an energy-efficient cool roof.

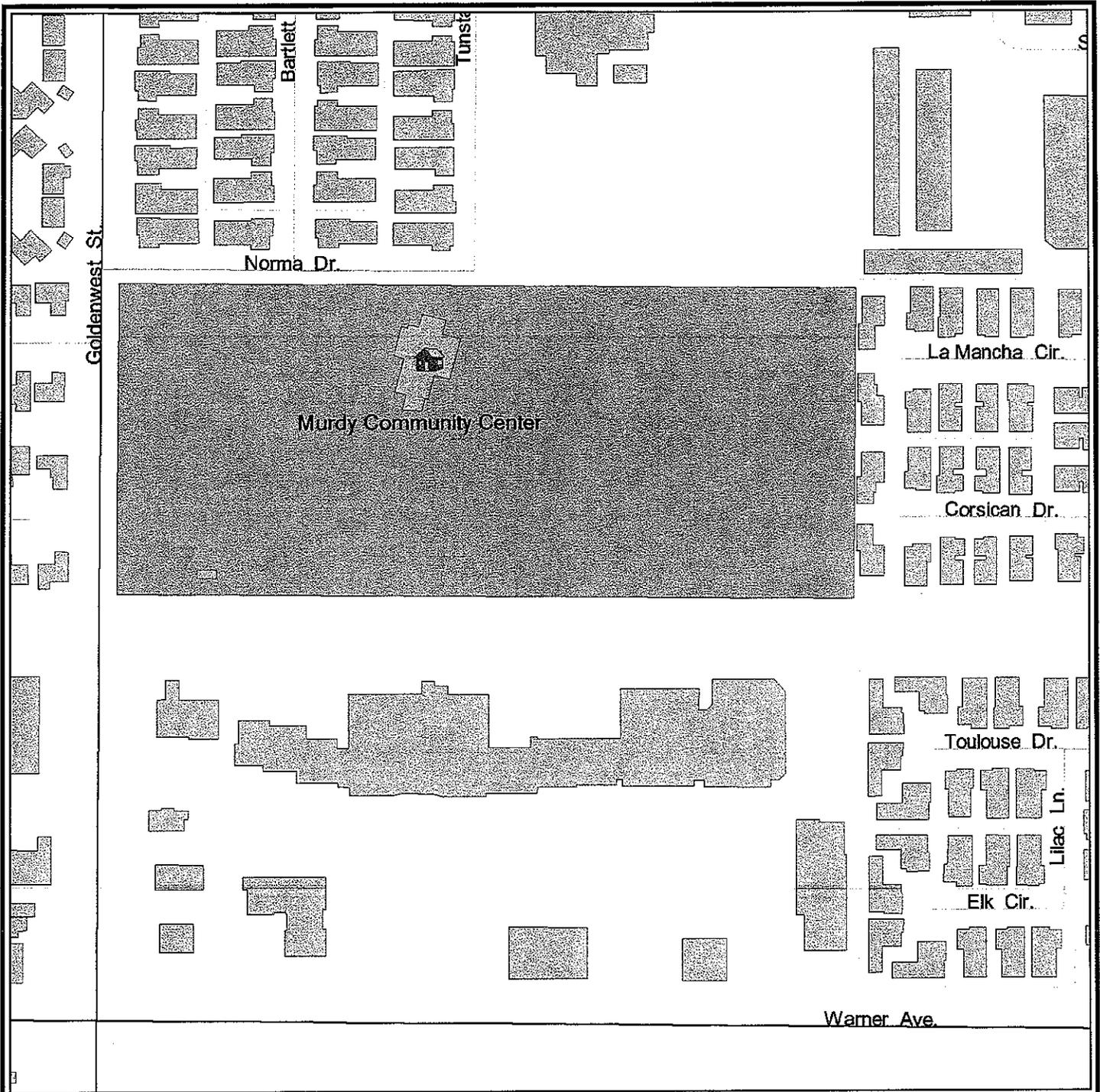
The Murdy Community Center is located in the Goldenwest Enhancement Area. The Center's roof is more than 25 years old and is nearing the end of its serviceable life. The replacement roof is specified to be a cool roof system. A cool roof is designed to reflect solar energy and transmit infrared energy to reduce building heat gain, and the accompanying electricity demands. The cool roof system provides more efficient cooling of the building, reducing electric use and the pollutant emissions created by electricity generation as well as reducing the urban heat island effect and associated smog. This project meets the requirements of the California Title 24 Building Energy Efficiency Standard.

Attachments: Vicinity Map

G-2²

G-2³

ATTACHMENT #1

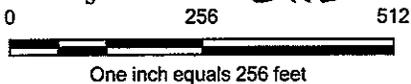


MSC 472 Vicinity

Map produced by information contained in the City of Huntington Beach Information Services Department Geographic Information System. Information warranted for City use only. Huntington Beach does not guarantee its completeness or accuracy.



HB
GIS



COMMUNITY CENTERS

CITY BOUNDARY

STREET CENTERLINES (OCTAClass)

- Smartstreet
- Major
- Collector
- Primary
- Secondary
- Residential
- Travelway
- Alley

BUILDINGS

PARKS

