



COUNTY COMMISSIONER PRECINCT 3
County of Hidalgo

Joe M. Flores
County Commissioner Pct. No. 3

February 15, 2011

To Whom It May Concern:

This letter is to express our interest in participating in the Texas Safe Shelter Initiative Program. La Joya Independent District is interested in constructing a Multi-Purpose Dome to be used as a gymnasium in addition to serving as a shelter during emergency situations. La Joya Independent School District is aware that they will be responsible for costs above those outlined in the TSSI notice. The physical address of the location where the structure will be constructed is: 3901 N. La Homa Rd., Mission, Texas 78572.

The point of contact for this project is Dr. Armando Ocana and he can be reached at 956-580-8806. Thank you in advance for the opportunity to participate in this program.

Sincerely,

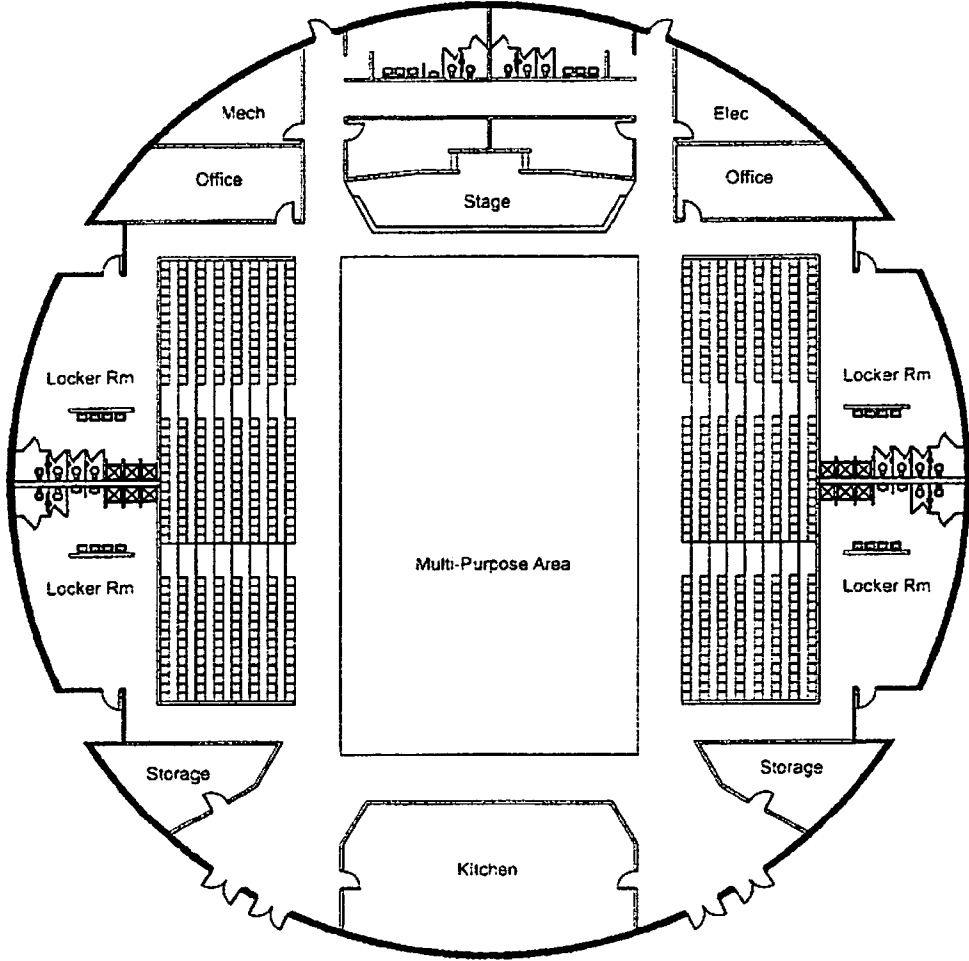
Joe M. Flores
Hidalgo County Commissioner
Pct. 3

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724 N. Breyfogle • Mission, Texas 78574

ITEM X-D-7-3

Palmview High School
3901 N. La Homa Rd.
Mission, Tx 78572

Proposed Multi-Purpose Dome



20,000 sf

FLOOR PLAN

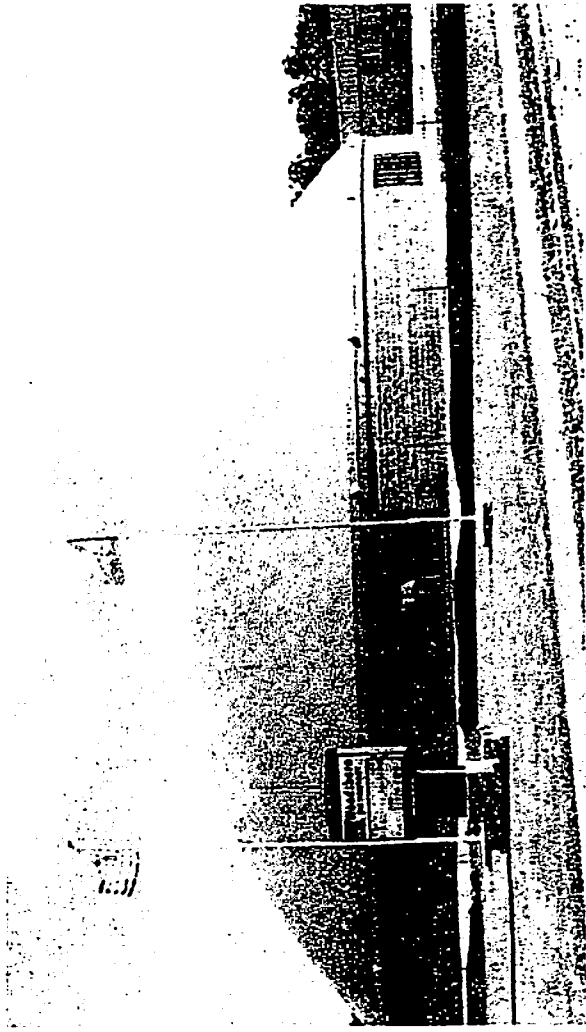
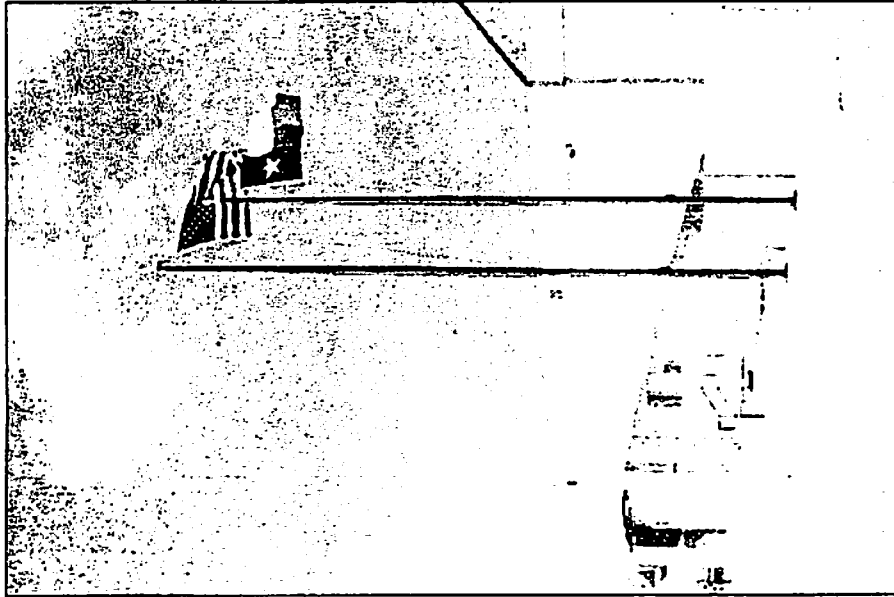
SCALE: 1' = 30' 0"



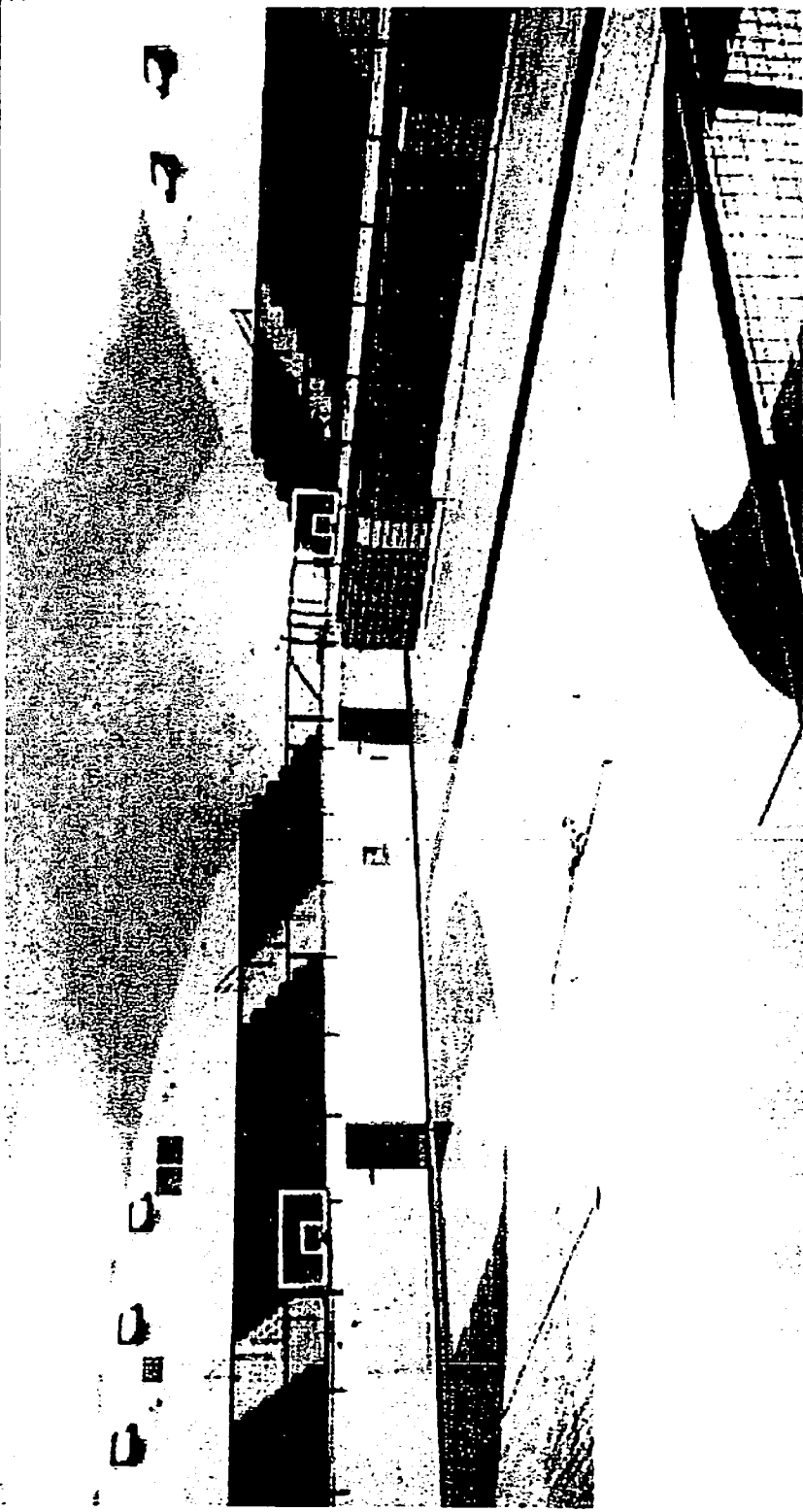
Example of a 15k sq-ft dome



Examples Continued



Secondary Use Example



80% of floor space must be available for laying out cots. Any function that is essentially a large empty room or a large room filled with chairs is an allowable secondary function: gym, meeting room, classroom, cafeteria, dining area, ect



Date: March 2, 2011



Subject: 2011 Texas Safe Shelter Initiative Program

Rationale/ Need: In order to apply for the 2011 Texas Safe Shelter Initiative Program, Board approval is required. The purpose of this grant is to build a dome or domes in coastal (or near coastal) jurisdictions that can withstand 200 mile per hour winds. The state has fenced a minimum of \$50 mil of FEMA mitigation funding for this purpose. 75 % of base construction cost will be covered by FEMA and State. This will reduce the evacuation demand for Special Needs citizens. Secondary use of the available space provides a wide variety of community benefits. (e.g., gyms, activity centers). Structures come with emergency generator. Location must be out of reach of maximum storm surge, above 24 ft MSL.

Recommendation: I recommend approval.

Award Amount: \$110.00 per square foot for a 20,000 Square Foot Dome
Matching Cost: Approximately 25% of the Dome's Cost (20,000sf)
Example for 20,000 square foot dome:
Total Cost: \$2,200,000 (Shell)
Local Cost: \$550,000 + interior and amenities

Related Information Included: See attachments.

Initiated by: Martha E. Treviño, Grant Development Coordinator [Signature]

Reviewed by: Gisela Sáenz, Asst. Superintendent for Curriculum and Instruction [Signature]

Superintendent's Approval: [Signature]

Texas Safe Shelter Project

Draft Notes. January 6, 2011

Concept: Provide domes structures that can withstand 200 mph winds.

Purpose: To provide immediate shelter to at risk populations.

Construction Types: (Dome)

- Brick with concrete dome roof
- Complete concrete construction

Size: From 5,000 to 20,000 sq. feet

- 5000 sf shelters approximately 200 to 800 people.
- 20,000 sf shelters approximately 600-2400 people.

Shelter Use: The building may be dual use as long as it is available during emergencies. 80% of floor space must be available for use for evacuations. Examples of dual use structures:

- Small event centers, auditoriums
- Cafeterias
- Gymnasiums
- Aircraft Hangers

Funding: FEMA will pay for the construction of the shell, including plumbing, electrical and will supply generator. Grantee will pay for interior constructions, parking, additional add-on structures, etc.

- Construction funding (shell) at 110.00 per square foot.
 - Example for 20,000 sq feet:
 - Total cost: 2,200,000 (shell)
 - Local cost: 550,000 + interior and amenities
- Use of CBDG, Bonds, etc. acceptable.

Notes: City or County is authorized applicant. Once award is received there is a 2 year window for construction.

Timeline:

- Letter of intended participation due on February 4, 2011.
- Plan development due by March 4, 2011
- Application to FEMA due by March 18, 2011.

Dates and other information subject to change as more information is obtained.