civil engineering
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FIRE MARSHAL
Valley Center Fire Protection District
28234 Lilac Road
Valley Center, California 92082
(760) 751-7600
APPROVED
Date 12-02-2014

November 26, 2014

County of San Diego
Department of Planning and Development Services
5510 Overland Avenue
San Diego, CA 92123

Attn: George Lucia

Subject: Fire Protection Plan-Short Form for: **Expansion of the existing Valley Center Cemetery District**
A.P.N. 188-230-02
Address: 28953 Miller Road Valley Center, California 92082

This letter is written in response to a request from the County of San Diego DPLU for a Short-Form Fire Protection Plan consistent with California Fire Code Article 86, to address the expansion of the Valley Center Cemetery.

Location:

-The above project is located approximately 0.52 miles north, from the corner of Valley Center Road and Miller Road in Valley Center California. Access will continue to be from Miller Road.

Topography:

-The existing site gently slopes from the center of the existing cemetery to the north, south, west and east, bordered on the north and east by agricultural fields, an existing residence to the south and Miller Road to the west. There is an existing 534 square foot office building (that will be converted to a maintenance building when the proposed office is completed), a 288 niche columbarium, an enclosed trash area, a 20' wide asphalt one-way traffic access road, with temporary parking for interment services and visitation. Along the north, south and east boundaries of the site, there is an existing chain link fence. Along the westerly boundary there is a decorative fence along the top of the slope along Miller Road. At the existing entrance and exit there are decorative retaining walls.

-The proposed cemetery expansion will add area for burial sites, a proposed 800 square foot office building, additional parking and an improved 20' wide one-way traffic access road. The existing septic system will be improved and expanded to accommodate the proposed office building. A new fence will be installed along the northerly and easterly boundary. Along the northern and easterly boundary a 5 foot landscape buffer will be added to screen the cemetery. Grading for the expansion area will be minimized to match the existing cemetery site.

27315 Valley Center Road • Valley Center, CA 92082 • (760) 749-8722 • Fax (760) 749-9412
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Geology:

-The site is currently used for cemetery interment for the local community. There are 14 mature trees, ranging from a 14" diameter trunk to a 72" diameter trunk, and the entire site is covered with grass. Along the frontage at Miller Road, there is a vertical slope that will remain undisturbed. The proposed frontage, along Miller Road, will be graded to provide sufficient sight distance at the exit.

Flammable Vegetation:

-Trees on the site, to the south and west will provide the greatest risk of flammability.

Climate:

-According to the National Climatic Data Center, Escondido Number 2, Valley Center has a warm-summer Mediterranean climate, with temperatures ranging from 101°F to 30°F, with an average rainfall of 1.41 inches per year.(Data is for the 2013 calendar year).

-Valley Center will also be subject Santa Ana winds that can generate high winds and temperatures in the late summer and early fall.

Along with the following fire-related issues:

1. Water Supply
2. Fire Access
3. Building fire resistance and ignition
4. Fire Protection Systems
5. Fire Protection Equipment
6. Defensible Space
7. Vegetation Management
8. Fire Behavior Model

1. **Water Supply**.

The site is currently served by the Valley Center Municipal Water District. There are two fire hydrants located within 200 feet of the existing cemetery. There is an existing water meter that serves the existing office and will also be used to serve the proposed office building, along with irrigation for the trees and the grassy area.

2. **Fire Access Roads.**

-Site access is currently from Miller Road, a public street, and will remain Miller Road for the site expansion. The current access on the site is a one-way traffic lane that is approximately 20 feet wide. The proposed access road will be 20 feet wide and the direction of travel will be reversed to improve site distance at the exit. There will be temporary parking along the access road during interments and visitation, but no permanent parking will be allowed in the access road. Grades will range from 1% at minimum and 15% at the steepest. The proposed access road will be 3" asphaltic concrete

minimum and maintenance will be provided by the Valley Center Cemetery District. They currently maintain the site and will continue to do so.

3. **Building fire-resistance and ignition:**

   Both "Basic" and "Enhanced" construction requirements per County Building and Fire Codes will be employed for all proposed exterior elements including roofs, eaves, exterior walls, doors and windows.

4. **Fire Protection Systems:**

   All proposed buildings will have residential fire sprinklers per County Fire Code Section 1003.2.

5. **Fire Protection Equipment:**

   Portable fire extinguishers are recommended at the existing office.

6. **Defensible Space:**

   The cemetery will have a Landscape plan and a 5' wide planting buffer along the northerly and easterly boundary, with proposed green grass areas in the middle. The areas along the east side of the property are currently being farmed with winter oat hay. Miller Road, along the westerly boundary, will be used as a fire buffer.

7. **Vegetation Management:**

   The Valley Center Cemetery District will be responsible for the maintenance and upkeep of the existing site as well as the proposed expansion area.

8. **Fire Behavior Computer Modeling**:

   Computer Fire Behavior Model not required for this project per County Fire Marshal.

PREPARED BY _____ Date 12-2-14

Printed Name GARY WYNN Title PRESIDENT

Owner/AGENT _____ Date _____

Printed Name for LOUISE KELLY Title PRESIDENT

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