

Hope Township/Fire Complex Grant Committee
Third Architectural Meeting

Nov. 7, 2012
Hope Fire Department

Call to order at 7:05pm

Present: Starla Jordon, Cliff Blake, Ann Blake, Hope Twp. Supervisor Andy Kobisa, Hope Twp. Clerk, JoAnn Wilkie and Architect Marc Fradenburg

Grant Committee Administrative:

There has been some question about where and how to track grant monies that are received by the committee for township use. The township clerk will set up a special fund in each township area of responsibility. It will be the responsibility of the committee to ensure that copies of grant money be given to the clerk for this purpose.

Purpose of this meeting is to gather the needed requirements for the new complex to allow Marc to precede with the specifications drawings that will be needed for the bidding process to begin.

Discussion:

Exterior of building

- a. Concrete wall construction with dual insulation for 10 feet; the remaining height will be steel building material.
- b. Kitchen area, addition of one window on east wall
 - a. Gas versus electric stove
 - b. Addition of stove hood and emergency gas shut off
- c. Emergency exits in township conference area; near the corners on the northeast and northwest walls, double door construction
- d. Roof -- steel versus shingle, recommendation of committee is steel
- e. 2d floor, addition of windows 4 on the east wall and 4-5 on the west wall.
- f. Awnings over both main entrances
 - a. Possible enlargement to allow drive up, drop off
 - i. Dependent on parking lot placement
 - ii. Not to interfere with current park projects; walking path
- g. Possible drive up drop box for township business near east side entrance
- h. Water supply – hopefully from the Middle Road (east side of complex) near the divide island separating the fire and township driveways.
- i. Additionally, Fire Dept. requests a hydrant on the northeast side of the apparatus bays for truck refilling.
- j. Septic – suggestion that it be placed on the east side, south of the entrance doors; where a raised mound could act as a natural barrier between township and fire sides of the building.
- k. 10X10 hazardous material building with lock
- l. Outside water supply; Twp. Conference room, 1 supply line on the east and west walls; near the emergency exits

- m. Exterior electrical outlets
 - a. Fire Dept. requests 30 amp lines for all outdoor outlets
 - i. 4 outlets, 2 each side of apparatus bays
 - 1. On support columns for bay doors
 - b. Township requests 2 outdoor outlets on conference room east and west walls, 30 amp with 4 electrical receptors
 - c. Lighted Information Sign on Island Divide, Middle Road Entrance, with 2 electrical receptors
 - d. 2d Floor, one 30amp outlet for east and west walls; centered over each entrance
 - e. Lighting for all fire entrances, emergency exits and the two main entrances

Discussion

Interior of building

- a. In-line water heat versus hot water tank
- b. Furnace versus heat pump with thermal heat and cooling
 - a. Zone heating to control non-use areas of the complex and/or special needs areas
- c. Security for building
 - a. Lighting; per suggestion of contractor
 - b. Key pad for main entrances and at each of the 3-fire doors
- d. 2d floor
 - a. Plumbing will be up to the floor and capped for future expansion.
 - b. Electrical outlets in place for future use.
 - c. A storage record archive room for all township records
 - i. Move the records from the chapel to this room
- e. Ceiling
 - a. Only the office areas and township conference room and kitchen areas need a ceiling at this time.
 - b. Apparatus bays do not need an enclosed ceiling.
 - i. Possible spray on insulation

Discussion

There were questions concerning what the outside finished look might be. Marc explained that with today's materials, the building can be finished to look however the township wants. From brick to stucco, stone to a siding finish and in any combination.

New building material, compressed foam; new product, heavy as concrete and as durable, with interlocking panels; no girders or skeletal framework is needed. Not sure if any area builders have this technology.

Using a project manager will greatly reduce the need for oversight by the township through the building process. Much of the work for a building of this size must be sub-contracted and would be the responsibility of the manager to establish the time line need to contractors and ensure the build schedule stays on track.

In staying with our goal to keep the build as green as possible, the use of solar and/or wind power to reduce operations cost was discussed. Those could also be placed within the budget for the build.

Some areas of the build may have a greater initial cost, but over the long term the township should benefit from the savings of those materials or processes. (Thermal heat/cooling, insulated concrete wall construction, in line water heater, solar or wind power, and the use of as many green materials as possible.)

Marc will develop plan drawings from all four sides of the complex. He will also include a 2d floor plan. He plans to have a new revision of the complex ready to showcase at the November Board Meeting.

Cliff has a large aerial overview of Woodside Park he can deliver to Marc, so he can work up a more accurate rendering; working with a scale photo overview of the construction site. Cliff will deliver the aerial overview Nov. 8, to Marc's residence.

There also a discussion on when the township might need to begin payment with Marc for his services. At this time Marc has stated he can continue to donate his time and talents to the complex project. Because he is working at home and not on company time, his company will continue to allow him to print out these architectural renderings. When we draw nearer to actual construction, then he will inform the township of the time to contract him for his work.

Meeting Adjourned at 8:20p.m.

Respectfully submitted by:

Cliff Blake, Secretary, Hope Township Grant Committee