

FGMARCHITECTS

PART 6

SITE ELEMENTS AND BUILDING DESCRIPTIONS

The following is a description of the site elements and buildings included in the Planned Unit Development.

Project Location: 12.86 acre parcel of land west of Statesville Correction Facility

Project PIN: 11-04-29-200-009-0000

A. SITE:

1. Entrance: A single entrance will be provided to the site. The drive will be accessed directly off Division Street. The existing gravel frontage road will be eliminated within the property boundaries.
2. Parking: Quantity of parking provided is greater than the required parking based on the Zoning Ordinance Off-Street Parking and Loading:
 - a. Zoning Ordinance 11.8-4: The maintenance side of the building is considered Warehouse and Storage Building. There will be 2-4 employees. The maintenance bay will be able to house 12 vehicles (6 double bays). The total maximum required parking is 16.
 - b. Zoning Ordinance 11.8-5: The training side of the building is considered Business, Professional, Trade School. There will be 3 classrooms for 50 students each. There will be 1 training officer and up to 3 instructors. The total maximum parking required is 42.
 - c. Total required parking is 58, including 3 accessible parking spaces (Illinois Accessibility Code, Table 208.2).
 - d. Total actual parking is 175, including 6 accessible parking spaces.
3. Trash Enclosure: There will a 3 sided enclosure (solid fence) made of aluminum posts with attached vinyl slats (CCH Code of Ordinances 7.12.050,D). The enclosure will be approximately 6 ft. tall (minimum required is 6 ft. tall).
4. Extrication Area: This is an area for training on vehicles where extrication training will take place. The area will be approximately 75 ft wide x 150 ft. long and will be graveled surface.
5. Burn Pit: The burn pit is an area where excess materials that are removed from the burn tower will be placed for final burning. The area will be approximately 40 ft x 40 ft.
6. Storm detention/ Training Pond: The storm detention pond will also be used as training pond. There will be a dive dock, a vehicle dive prop, a boat ramp and an area where pump trucks can draft from the pond directly into the pump truck.
7. Memorial Plaza: A 25 ft. diameter memorial plaza will be located between the Training/

Maintenance Facility and the Shooting Range. The plaza will be placed between the two facilities and will be accessed by concrete sidewalks. The plaza will have 3 flag poles (30 ft. maximum height) and will be surrounded on the west side by shade trees, and smaller plantings.

B. BUILDINGS:

1. Training/ Maintenance Facility (Building No. 1):
 - a. Building Use: Approximately half of the facility will be used for classroom training. It will include 3 classrooms, an office, break rooms, storage spaces, mechanical spaces (IT, HVAC, Electrical, Sprinkler) and toilet facilities. The other half of the facility will be used for reserve vehicle storage and maintenance of FPD vehicles.
 - b. Building Construction: The primary structure and exterior envelope will be a pre-engineered building, Construction type 3B.
 - c. Number of Stories: 1.
 - d. Building Height: Approximately 35'-0" to the median height of the tallest roof.
 - e. Exterior Construction Materials:
 - i. Roof: Metal panels.
 - ii. Walls: Metal panels and masonry
 - iii. Exterior Windows and Doors: Aluminum storefront with 1" insulated, low-E glazing.
 - iv. Exterior Lighting:
 1. Wall packs above overhead doors.
 2. Wall sconces at man doors.
 3. Downlighting at main entrance
2. Outdoor Training Classroom, Building 2 (Accessory Structure):
 - a. Building Use: Training area and refuge during inclement weather.
 - b. Building Construction: Structural frame will be steel. Storage containers will separate 2 areas under the roof.
 - c. Building Size (footprint): 3,360 gsf.
 - d. Number of Stories: 1
 - e. Building Height: Approximately 15'-6" to the highest point.
 - f. Exterior Construction Materials:
 - i. Roof: Metal panels.
 - ii. Walls: Storage containers, metal.
 - g. Exterior Lighting: pendant lighting underneath roof structure.
3. Main Burn Tower:
 - a. Building Use: Tower is used for training purposes, including fire fighting, search and rescue, forcible entry and technical rescue to name a few.
 - b. Building Construction: Pre-manufactured box containers specifically designed for fire fighting training.
 - c. Building Size:
 - i. Overall GSF: 7,892

- ii. Footprint GSF: 2,676
 - d. Number of Stories: 4
 - e. Building Height: 45'-3"
 - f. Exterior Construction Materials: Metal panels for roof and walls.
4. Range Canopy (refer to Section C below for further description of the shooting range):
- a. Structure Use: Cover during inclement weather and shooting platform.
 - b. Structure Construction: Pre-manufactured metal structure w/ metal roof (no walls) sitting on a 20' x 60' concrete slab on grade.
 - c. Structure Size: Two structures at approximately 150 square feet each.
 - d. Structure Height: 15'-0" maximum.
5. Noise Barrier Wall, adjacent to range canopy (refer to Section C below for further description of the shooting range):
- a. Structure Use: Deflect noise on north side of shooting range.
 - b. Structure Construction: Perforated reinforced fiberglass walls (tongue and groove design), supported by vertical steel columns anchored to concrete footings.
 - c. Structure Size: Approximately 70 ft. in length and 20 ft. in height.

C. OUTDOOR FIRING RANGE:

The sole intent of the outdoor shooting range is the cooperation between law enforcement and the fire service in Lockport Township to best utilize property donated by the State of Illinois for training purposes to better serve the community and the resident who live here. It is understood that the Lockport Township Fire Protection District will be requesting an approval for a TEXT AMENDMENT to the City of Crest Hill Zoning Ordinance for the inclusion of the shooting range. The text amendment is included in the Project Narrative.

- The firing range will be located on the southeast corner of the property.
- The overall size of the firing range (including berms) is approximately 210 ft. wide by 420 ft. long.
- The firing range is 100 yards by 27 yards wide.
- Firing Direction – South
- Range is surrounded by 24 ft. high berms on the east, west and south sides with natural vegetation designed to dampen sound. The berms will have a hybrid slope. The first 12 ft. will have a slope of 1:1.5 and the next 12 ft. will have a slope of 1:1. These berms are steep and are intended to be low-no maintenance. The spoils from the site excavation are expected to be used for the berms. Geotech mats will be placed on the berm to aid in the establishment of native plantings.
- Two canopy type structures placed on the concrete platform will be used as cover during inclement weather. Each of these structures is approximately 10'w x 15'l x 15'h.
- Majority of the training will be using handguns on the southernmost part of the range 15-20 yards from the end berm.
- There will be spot lighting on the range for evening/ nighttime shooting.
- There will be a vertical sound attenuation barrier wall on the north side of the shooting range, directly behind the canopies. Refer to description above.