

Lafayette Gun Club (LGC)  
New Indoor Range  
20 Jan 26

LGC would like to construct a new indoor range on a portion of the current outdoor shotgun range (Ref A). In July, 2025, York County Ordinances were changed to allow indoor firing ranges in the Resource Conservation (RC) Zoning District with a Special Use Permit.

Upon approval of the subject SUP, an updated LGC Site Plan will be submitted to the Planning & Development Services Department for approval. Upon completion of the new indoor range, a majority of activity will move from the current, non-conforming indoor range (Ref B) to the new facility. The current indoor range will be retained, but have normal operations curtailed from a multi-caliber facility to .22 rimfire only. This curtailment would significantly reduce both the frequency of use and the external sound signature of the range due to the smaller caliber used.

It is opined that the project is beneficial to LGC, the surrounding neighbors, and York County.

The new indoor range will be in a peaked metal building approximately 28 ft high, 90 ft wide and 140 ft long, with full utilities, restrooms, HVAC, etc. The building will be located on the North portion of the existing shotgun range is (Ref C), with some of the shotgun range equipment shifted south, but still within the current shotgun range. The height of some of the shotgun range berms—as annotated on page 3 and 4 will also be increased.

The new indoor range building will contain a longitudinally split indoor firing range, 75ft long, with multiple shooting lanes per side. This range will be fully enclosed within a concrete shell, and that shell fully enclosed inside the metal building.

The facility will employ state of the art, to-standard, soundproofing, ballistic protection, lighting, target systems, HVAC and air filtration systems. The design/build of the commercial off-the-shelf range package will be done by two industry leading companies that have done multiple commercial, military and law enforcement ranges over the past 20+ years.

#### 1. Benefits to LGC

- An improved member shooting experience with enhanced lighting, automated target carriers, better heating and cooling, and advanced sound attenuation.
- Unlike the current range, the new indoor range will be internally divided in half. This will allow two different, simultaneous events. For example; a competition can be held on one side of the range with member recreational shooting continuing on the other half. Under the current construct, in order to hold a competition, the entire range is closed to other club members.
- Restriction of the old indoor range to 22 rimfire allows us to update the range for training our nationally ranked Junior Shooter Program and other LGC rimfire competitors.

#### 2. Benefits to Community

- The current indoor range is of wood/gravel/steel construction and in use 24/7. While safe for function, it's an older design and sound is audible to portions of the local community. The new indoor range will also 24/7. However, the firing area will be fully enveloped within a significant

cement structure, employ acoustic deadening panels, be enveloped by a well-insulated metal building and therefore have a much lower sound signature than the current indoor range. Note: The current outdoor firing ranges (four of them) have no sound attenuation and operate most days from 10 AM until sunset. The exception to this is typically the ranges open at 0800 Saturdays and 1200 on Sundays.

- In addition to a lower sound signature, the new indoor range will have a much greater offset from the closest property line. The current indoor range is less than 83 feet from the property line adjacent Holden Lane. The new indoor range building will be more than 225 ft from that line and the actual range itself an additional ~50 ft further away inside the building.
- Moving some of the shotgun equipment South reduces noise for residents on Perlie Court. The shift places the shotgun noise deeper within the heightened earthen berm construct. This will further mask sound to Perlie Ct as the berms also have denser, established forestation (Ref E).

### 3. Benefits to County

- The new indoor range is wholly outside the RPA, and will replace the “Action Shooting Range” site development plan approved by York County January 26<sup>th</sup>, 2024. This eliminates most work inside and outside the RPA to include:
  - A road approximately 250 yards long x 20’ wide, a 24 x 60 building, a 30-car parking lot, water, electric and sewer service, earthen berm reconfiguration and large retaining walls.
  - One portion of the Action Shooting Range plan that carries over is an overhead structure outside the RPA, in the southernmost portion of the property (Ref F). The size decreases more than 40% from 120ft x 270ft to 90ft x 150ft with a gravel floor.
- Activity in the current non-conforming indoor range will be significantly reduced
- Improvement to the local community vis-a-vis noise reduction across multiple ranges
- The positive economic impact of a \$4.5 million dollar project in York County

### 4. Additional Club Actions

- After opening the new indoor range, LGC will limit normal operations of the current indoor range to .22 caliber firearms only.
- LGC will abandon most approved works within the RPA in “Action Shooting Range” site plan.
- Additional landscape buffering (Arborvitae and Ligustrum) for Holden Lane—the primary line of sight to the new indoor range building. This would provide a visual block, running laterally from the East side of the LGC main gate to North-West corner current indoor range (Ref G).
- Along Perlie Court the majority of the building is blocked by the existing Western berm and trees. Additional landscape buffering (Arborvitae and Ligustrum) for Perlie Court will extend from the North end of the gravel drive towards the West side of the LGC Main Gate (Ref H).
- Increase East Berm of the 50yd range ~ 5ft with netting sufficient to stop any fragments.
- Increase the height of the main shotgun berms as depicted in the revised SUP
- Limit airborne target shooting (i.e Trap/5-stand) to 12 gauge and smaller, #8 & 9 shot (eliminates 7 1/2) after the range reconfiguration.
- Utilize a shotgun range consultant for review of current and future operations.
- Utilize an NRA Range Technical Team for a current and future range operations evaluation and repeat every two years--sooner if significant range modifications are made.
  - Use of neutral third party to relay report "essence" the Brandywine Lake Owners Association.
  - Permanently close "Lane Zero" on the 50-yd range and move those activities to lane 24/25.
- Limit the use of steel reactive targets on the 50-yard range to Bays 2 and 3 only. Unless a full coverage containment system is installed, shooting reactive steel targets will be limited to shotgun with 7 1/2, 8, or 9 shot on lanes 24/25 and 22 rimfire in bays 2 and 3 only.