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2728 E. 171st Street  
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## PROJECT NARRATIVE

Tim's Shooting Academy of Westfield is a proposed shooting range dedicated to teaching safe use of fire arms, hunting safety, enhanced marksmanship and sport shooting. No-one will be allowed to use the facility until they have been through an on-site safety class.

The range will have six rifle lanes and six pistol lanes for shooting. The range area will be constructed with 10" thick concrete walls and a 4" concrete slab. The ceiling will have bullet-proof panels and baffles. This will prevent any stray bullets as well as sound from leaving the building. The proposed system is a total containment trap with all of the latest safety equipment and systems. The 12 bullet traps located at the end of the range will use a complete containment system, which traps the lead and ventilates the air within the range at a rate of 960 cubic feet every 5 minutes through a HEPA Filter. The bullet trap can handle .50 caliber bullets, but we will limit range use to common sporting rounds.

The property is owned by E. Tim Tomich and Faith Bauer-Tomich, who have owned the property since 1997. The current zoning is (EI) Enclosed Industrial. The proposed building and site will be situated on the 1.3 acres and will meet all of the requirements for Enclosed Industrial Zoning. There is no zoning in any district within the City of Westfield which would allow an indoor or outdoor shooting range so we are asking for a "Use Variance" for that property.

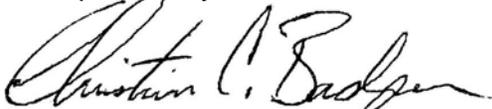
The retail sale side of the Academy will sell targets, safety glasses, ear protection, hunting apparel, scopes, and high-end fire arms. The sale of guns will require a background check as required by the state and federal laws. Only higher priced and higher quality guns will be sold. No Saturday Night Specials, cheap guns or guns made by less than reputable manufacturers will be sold. Retail sales are required because more than a third of our patrons will forget their required safety glasses, hearing protection, and the proper munitions to which we will limit them.

The site will allow for 20 parking spaces, 2 of which will be designated handicapped spaces. A land bank will use some of the property for additional parking should the Academy parking become inadequate for the proposed use. The lot will have complete and proper drainage.

## Building Design Information:

- Interior wall heights 10'-2"
- 10" poured concrete walls
- 6 Rifle lanes 75' length and 48" wide (one lane will be ADA)
- 6 Pistol lanes 50' length and 48" wide (one lane will be ADA)
- All lanes will have automatic target retrieval systems
- Bullet traps rated for .50 caliber bullet and will allow the lead to be recycled.
- The only ammunition that will be allowed will be full metal jacket to limit the lead dust which could enter the air upon impact.
- HVAC is a major part of the design of an indoor range. Our system meets all of the following standards, NRA, OSHA, NSSF, NIOSH, EPA and DOD requirements for cleaning the air.
- Shooting Stall dividers will be level 3 grade protection in the pistol lanes and level 4 grade protection in the rifle lanes.
- Baffles will be suspended from the ceiling to prevent any errant discharges from going through the roof and therefore being contained in the building.

Respectfully submitted,



Christian C. Badger, P.E.  
Badger Engineering, LLC