

OSR Long Range Planning – Shooting Sports Committee (Facilities/Equipment/Program)
May 2014

Training Center – the vision here is based on an international layout range for clay trap & skeet; similar facility is at Camp Bowers (Cape Fear Council) – and add hi-power rifle range with target points up to 300 yards. Ranges set to accommodate tournament and competition events. This could very well include COPE, climbing facilities, and others and be a program support as well as public revenue generating facility. Would include a building with at least two floors, or large ranch style single floor – hotel like rooms, kitchen / dining room support, classrooms and conference rooms. Training / classes conducted in this facility to prepare for use of the ranges (or other facilities). This facility should be outside the traditional OSR program support area, but be available for program use; as well as allow for public access without moving into / through the OSR program areas at Durant or Reeves – vision is on the north end of property (across road from camps) or on the West end of the property with controlled access from the program areas of the property. Will require a year-round staff to support operations and maintenance. Long range 5-10 years or more.

Camp Durant Rifle Range –

- (1) Extend the current range or build an additional range with up to 20 firing points; for rifle / pistol (including muzzle loading) use. Ability to have multi-distance targets up to 100 feet. Includes sheds, overhead, etc; essentially duplicate current range with additional firing points / target yardage. Current use of the ranges indicate to the committee that additional range, separate from existing, is / can be supported by constant use. If extended from current range (into the parking overflow area) the berm on left of current range would be maintained / enhanced so the ranges can operate as separate facilities to allow multiple event types / units concurrent use of the range.
- (2) Move BB Gun Range so that no part of the range is beyond the rifle range firing line. As currently configured, concurrent use of the two ranges is allowable, but controls must be in place to ensure BB Gun points in front of the linear rifle range firing line are not used. Moving the BB Gun “shed” toward the road / current water point about 25 feet could accomplish this with little down time for the ranges. Would require removal of some trees to re-establish the target pulley line area. Should not require moving the water point. Manpower / time and perhaps some lumber and fasteners would be required. This is something that could be done as an OA induction project with sufficient manpower, and could likely be completed in one day. Short range – months.
- (3) Enhance the current rifle range berm – height and thickness on all three sides to maintain proper dimensions – wears down over time with use and weather. Berm section on right, adjacent to BB Gun range, requires extension to near the firing line (cannot be done efficiently while BB Gun range is in current location; see (2) above). Will require dirt and access of heavy load equipment (back-hoe, etc). This is a safety issue as well as optimum use of facility issue. Short range; 6 months to one year.

Durant Shotgun Range – Committee feels current range is meeting needs.

Durant Archery Range – Committee feels current range is meeting needs. However, the porch needs to be extended approximately 2 feet along the entire length of the shooting line to be fully compliant with

current USA Archery / NFAA guidelines. Will require lumber to build extension; could be accomplished during an OA induction event in ½ day. This is a safety compliance issue. Short range – 6 months or less.

Reeves Ranges – Maintain as an austere / rugged use facility; however, build a storage shed to hold support equipment such as chairs, benches, folding tables, archery targets, 3D targets, flags, canopies, etc. Erect a control fence with range signs around the entire area as warning of range presence.

- (1) Gilwell Rifle / Pistol, range: Enhance the berm by height / width to repair from use and weather erosion. In pretty good shape right now but more use will accelerate this need. Possibly erect an overhead on the firing line for sun protection. Vision is that activities conducted on this range in current manner, with need to place overhead protection, mobile support equipment, etc – but have a large storage shed to hold the equipment. Committee feels the range would get more use if equipment was more readily available. Road needs to be upgraded adjacent to and beyond the current shower house; water line needs to be extended; shower house could be repaired for restroom facilities (none are present on the Gilwell Range currently). Erect a range flag pole just passed the shower house with a gate / cable to block movement (required when using the 100 yard shooting point). Mid Range 1-3 years.
- (2) Gilwell Archery / Shotgun Field – Remove the flag poles and place at other locations across OSR as needed. Purchase archery equipment (bow, arrow, targets, stands, etc) to support this range; purchase clay target throwers to support this range for shotgun (4 launchers can be placed and used concurrently with no safety operational issues). Use portable shelters or erect 4 overhead “huts” for each firing point (can be used for archery or shotgun). Note that the range is not to be used concurrently for shotgun and archery – it is either . or. Mid-range 1-5 years.
- (3) 3D Archery and Sporting Clay Shotgun range: Establish these ranges as either two separate (concurrent use capable) or one single (either / or) use ranges. Could be “connected” to the training facility mentioned in Para 1 above or for program use exclusively.
- (4) Sporting Arrow range – Separate range with sufficient acreage to support; will require control zones and special discs / launchers as well as special flu-flu or safety arrows. This is an aerial target archery range. Range could also serve as a powder ball range if this sport is approved in the future (both range / activity types were run at the 2013 National Jamboree). Powder ball use the same disc launcher machine, but a different type of target disc and paint ball guns shooting powder balls instead of paint balls. Mid to long range: 3-10 years. See <http://www.shooting-academy.com/Sporting%20Arrows.html> for more info; see <http://us.laporte.biz/archery.html> for info on equipment (all videos on this site are from the 2013 National Jamboree). This range and equipment can also support the flashing ball / powder ball event with paint ball guns but does require a different target type (uses same disc launcher as the Sporting Arrow targets).

Portable indoor laser range: Could be erected in the Grand Lodge, main Sullivan Center room, or Boat House or used in any of the shelters. This is a target shooting practice and skill learning/maintenance range – use of this type range will save funds on ammo, targets, cleaning equipment, and wear/tear on firearms. Mid-term 3-5 years.

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Indoor Archery Range; 20 yard range with simulation at long distance on screen; similar to this: <http://technohunt.com/Products.html> or this: <http://dartarchery.com/> Note: Committee member Ron Loes mentioned this and had seen one in operation at Camp Bowers; similar to systems used by State Wildlife organizations for demos, at fairs, expos, etc.

Five Stand Range: Shotgun clay target range; minimum of two (up to five) stand huts. This is a five station event; each stand (or hut) has five stations in each. Various clay target launchers are used to show each shooter a view of various target flight paths from each stand location. Requires several target launchers for each stand/hut; best if the launchers are remote or cable controlled as instructors / RSOs control each target launch. Launchers show standard clay paths from straight away / toward (trap style) to various crossing paths (straight across, arcing toward angle, away angle) similar to skeet shooting; these launchers are placed at distanced from next to the stand and out to 100 feet at various distances; also includes rabbit launchers and Chondel launchers for ground and a target paths on an arc (hi/low, fast/slow). (See http://www.promatic.biz/Traps/Sporting_Traps.htm for example of launchers;

From <http://www.claytargetsonline.com/fivestand.php> : Five Stand is very similar to Sporting Clays in that a wide variety of targets are thrown. No two five-stands are exactly alike. There are five "stands" or stations to shoot from. There are usually somewhere between 6 and 8 traps that throw targets. Participants shoot in turn at each of the 5 stands and various combinations of targets are thrown from the traps. Usually there is a menu card that will advise the shooter of the sequence of targets. Five Stand is a great way to get a Sporting Clays like experience in a small amount of space, with very little walking.

Equipment: (OSR and general for council wide program)

(1) Need to establish a shooting sports budget line; include purchase annually of targets, arrows, cleaning equipment, repair of equipment, etc in the year-round program (not part of the resident camp program / budget). Similar to budget line we currently have to support Cub Shooting (Day Camp mostly). In addition to purchases made with grants and matching funds. Short term – for 2015 budget.

(2) We need to purchase Genesis Bows for the Cub Shooting program, including Day Camp and year-round events (smaller bows) with arrows, finger / arm protection, etc. Short term within next year.

(3) We need to purchase higher caliber semi-auto and revolver pistols (we presently have ONLY .22cal semi-auto pistols – the type we have is not the best for beginner shooters to learn with but is what was available to us through the NRA grants). Suggested handguns are .38 cal J-frame revolvers and 9mm semi-auto pistols, six of each. Short term 1-2 years.

(4) Need to expand the muzzle loading program to include shotgun and pistols; will require purchase of up to six shotguns, six cap/ball pistols, and six percussion cap single shot pistols, along with ancillary equipment such as measures, cups, flasks, ets specific to the gun type. Mid-term 3-5 years.

Hunting Ranges: Small team is working on hunting range management / set-up now. Will be a revenue producing resource when fully in place. The Committee needs to establish policy and facility to support Venture program hunting as well as Hunter Education Safety / Bow Hunting Safety classes for all

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programs. Education program needs to be executed in coordination / collaboration with NC Wildlife Resources Commission (we have several Hunter Ed instructors on the committee now willing to handle this). Training needs to include needs beyond the established formal training through the commission (extended safety classes specific to hunt type (deer, turkey, migratory bird, small game, etc) and equipment, such as climbing stands, ladder stands, blinds, GPS, survival, tracking, etc). Council would need to provide facility and equipment to support – multi use equipment as needed (projectors, screens, classrooms, etc) but dummy guns, ammo, posters, training stands, harnesses, ladders, and other training aids may be required. Establish a specific area in the hunting range for use ONLY by Venture program; will require trail establish / maintenance, tree stands of various types, blinds, etc. May incorporate use of ATV during hunts (extension of ATV program). Part of this are short term, within next year; while parts need to be mid to long term within next 5 years.

Clay launchers – various types and quantity to support Five Stand, Skeet, trap, sporting clay, etc.