

Section I:
4-H ACTIVITY CENTER

4-H ACTIVITY COMPLEX

Anticipated Time to Completion

(A) 0 - 1 YEAR (B) 2 - 3 YEARS (C) 3 - 5 YEARS IMMEDIATE

SECTION I - 4-H ACTIVITY COMPLEX

- Existing Features: *(See photos below)*
 - Restroom
 - Two Shelters
 - Riding Ring
 - 4-H Activity Center
 - 4-H Covered Area
 - Concession Stands



4-H Activity Center includes:



Enclosed Barn (existing)



Covered Open Barn (existing)



Concession Stand (existing)



Grooming Area (existing)



Riding Ring (existing)



Restroom/shower house



Small Shelter (large shelter not shown)



Announcer Stand

- Needs:
 - Additional Electricity Needs IMMEDIATE
 - Playground** (B)
 - Hitching posts (A)
 - Additional Picnic shelters and BBQ grills (two existing) (B)
 - Purchase picnic tables for small shelter (A)
 - Add stand alone picnic areas (B)
 - More permanent bleachers and announcer stand*. (A)
 - Possibly move existing concession stand to another location and build a larger one to better meet the needs of this area as events continue to grow*. (A)

**Note: 4-H recently received funding to purchase/build permanent bleachers, announcer stand and concessions area. Bids should be let in 90 days with goal to complete project by Fall 2007.*

**Section I:
4-H ACTIVITY CENTER**



*Playground**



Stand alone picnic tables



Purchase picnic tables for small shelter

**Playground fundraising committee to be created within next 30 days.*

- *Goal to raise funds and install by Summer 2008.*
- *McLean County Fiscal Court will match 50/50.*



Add two shelters similar to those in Mike Miller Park in Marshall County.

Each shelter will include electrical outlets, overhead fans and lights, picnic tables with water spigot nearby

Size: 24' x 36' shelters (12' on center)



Possibly add rock columns to both existing shelters and restroom to better blend with proposed additional structures.



Hitching posts added in 4-H area

Other examples of shelters



Buchanon Park – Warren County



Shelter at Lover's Lane Soccer Complex in B.G. includes two overhead fans and a storage facility

07/01/2005

**Section II:
FRONT NINE AND AMPHITHEATER**

**FRONT NINE AND AMPHITHEATER
Anticipated Time to Completion**

(A) 0 - 1 YEAR (B) 2 - 3 YEARS (C) 3 - 5 YEARS IMMEDIATE

SECTION II – FRONT NINE & AMPHITHEATER

DISC GOLF COURSE AND SHELTER AREA

- 18 hole HB Clark Signature Course (A)
 - <http://www.bluegrassdiscgolf.org/design.html>
 - Front nine holes to be built Summer 2007 in area near proposed amphitheater and across from the Ag Complex
 - Back nine built in Fall 2007 (See Trailhead Area section)

- 40 x 60 shelter (12' on centers) with center fireplace, two fans, patio area.
 - Include electricity and access to potable water. (A)



AMPHITHEATER AREA

- Amphitheater (B) 45'
 - Natural Seating (B)
 - 24' x 30' shelter/restroom facility located at the Nature Trailhead across street (B)
 - (See SECTION VI – Nature/Riding Trailhead)
 - Possibly move 4-H concession stand to this site when a larger one is built for 4-H (B)
 - Need electrical service for performing arts stage and lighting (B)



*Basic components for a disc golf course – signs, platform, basket.
Goal will be to build an H.B.Clark Signature Course with the back nine holes in the woods.*



*40' x 60' shelter w' 5 posts Fireplace (prefer duel fireplace in center) Uncovered porch area
Be sure to include two overhead fans to keep away flies and circulate the air

**Section II:
FRONT NINE AND AMPHITHEATER**

As noted in SECTION III – NATURE TRAILHEAD AREA a concession/storage shelter will be built near the nature trail parking area that will serve both the Nature/Riding Trails and the Amphitheater. There will also be a shower house nearby to serve this area as well as the campers staying at the RV Park.



Concessions/Storage on one end



Shelter on other end



Include overhead fans, picnic tables, grill



Concept design for Shelter/Concession



Might include a fireplace at one end



Restroom/Shower House

Please note: Roofs should be green metal to carry on the theme color throughout the entire park



Larger view of concept idea for 45' wide outdoor amphitheater



Possibly use existing 4-H concession stand for amphitheater if 4-H builds a larger one.

**Section III:
TRAILS AND BACK NINE**

TRAILS AND BACK NINE

Anticipated Time to Completion

(A) 0 - 1 YEAR (B) 2 - 3 YEARS (C) 3 - 5 YEARS IMMEDIATE

SECTION III – TRAILS AND BACK NINE

TRAIL HEAD AREA

- Disk Golf (*Back 9 holes – Wooded*) (B)
- Large Shelter – 40' x 60' with storage area/concessions at one end, fireplace at other end, overhead fans, electricity and potable water spigot
- Alternative idea: Stand alone Concession Stand
 - To serve both Trailhead and Amphitheater.
 1. Check into the possibility of using existing 4-H Concession Stand when a larger one is built for 4-H and moving it to this site.
- Double Parking Lot Area (*Post Sleeve Locks separating the two lots*)
 - Possibly use red river gravel and possibly tile area (B)
- Future: Mobile Stall Units for horses if determined they are needed (C)

TRAILS

- Signage for walking and equestrian trails (*Funding from Recreational Trails Program*) (A)
- Interpretive signs, Outdoor Learning Center and wetland exhibit in natural setting along trails (*Funding from KDFWR*) (B)
- Wetland Wildlife Pond (Possible funding from KDFWR) (B)
 - Need to contact RC&D Jim Markwell to discuss their interest in this and possible partnership. IMMEDIATE
- Obstacle course and training stations (B)
- Interpretive Signs (*Possible funding from Forest Service/KDFWR*) (B)

As noted in SECTION II – DISC GOLF AND AMPHITHEATER, a concession/storage shelter will be built near the nature trail parking area that will serve both the Nature/Riding Trails and the Amphitheater. There will also be a shower house nearby to serve this area as well as the campers staying at the RV Park.



Concessions/Storage on one end



Shelter on other end



Include overhead fans, picnic tables, grill



Concept design for Shelter/Concession



Might include a fireplace at one end



Restroom/Shower House

Please note: Roofs should be green metal to carry on the theme color throughout the entire park

Section III: TRAILS AND BACK NINE



Picnic Tables for use in shelter pavilion

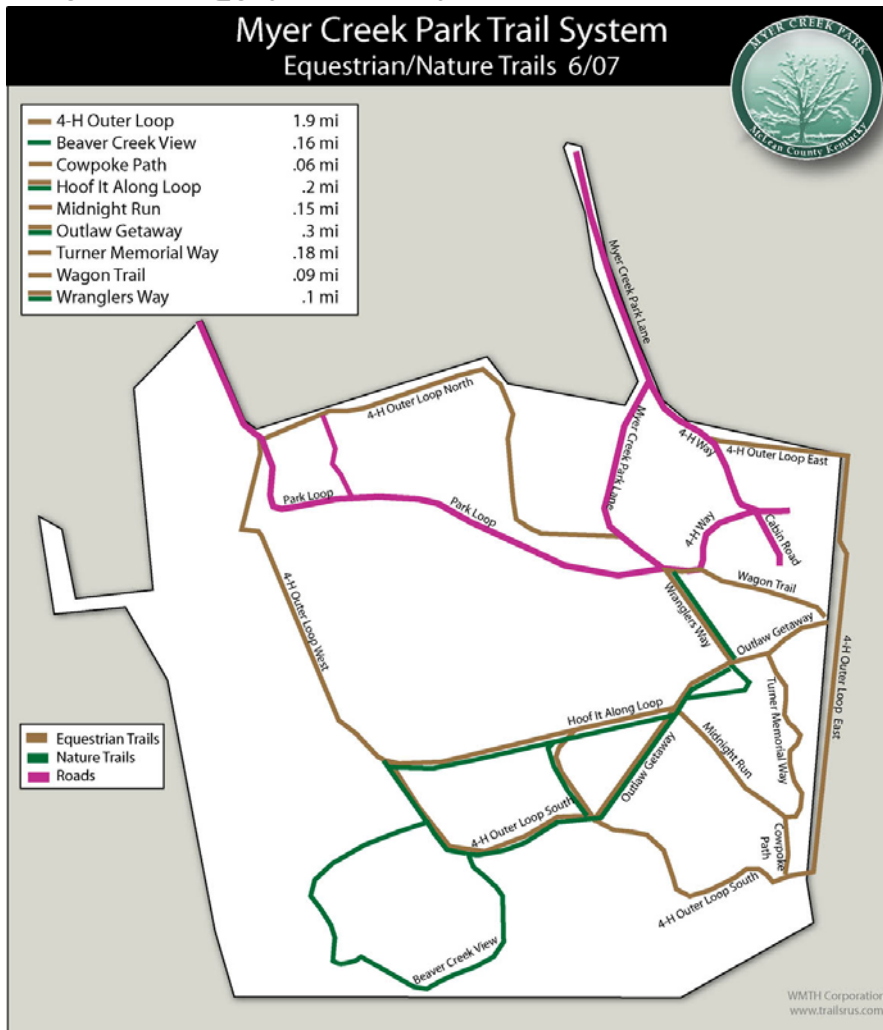


Possible use of 4-H concession stand



Picnic Tables not under shelter

NATURE AND EQUESTRIAN TRAILS



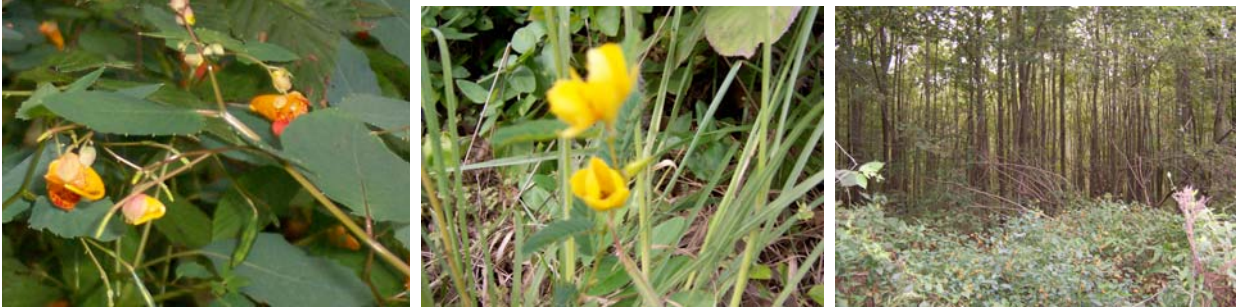
Trails are being GIS mapped, named and marked as nature trails and/or equestrian trails throughout Myer Creek through a grant from the Recreational Trails Program (RTP) No hunting nor ATV's will be allowed on the trails.*

**The Recreational Trails Program is overseen by the Governor's Office of Local Development.*

Section III: TRAILS AND BACK NINE

Trail Markers at Myer Creek

OUTDOOR LEARNING CENTER AND INTERPRETIVE SIGNAGE ALONG THE NATURE TRAILS



U.S. Forest Service and Kentucky Department of Fish & Wildlife Resources are working together to inventory tree and plant species along the trails and will be adding interpretive signs and developing maps and website with funding from a forestry grant recently awarded.

A FEW EXAMPLES OF INTERPRETIVE SIGNS



**Section IV:
ENERGY PARK SPORTS COMPLEX AREA**

**ENERGY PARK SPORTS COMPLEX
Anticipated Time to Completion**

(A) 0 - 1 YEAR (B) 2 - 3 YEARS (C) 3 - 5 YEARS IMMEDIATE

SECTION IV: ENERGY PARK SPORTS COMPLEX AREA

- Two Regulation Fields / 2 soccer fields combined (B)
- Concession Stand/Office/Restrooms/Electrical Room/Storage 30' x 40' (B)
 - Need 70 to 90' feet between fields
- Flood retention area / water feature (B)
- Gravel Parking Lot (B)
 - Asphalt Parking Lot (C)
- Babe Ruth Field (Only need one) (C)
 - Baselines – 90'
 - Foul Lines – 350'
 - Centerfield – 400'
 - Home Plate to Back Stop – 40' to 60'
- Third Regulation Softball/Baseball Field - Possibly add later
- Stand alone Soccer Fields (195 to 225' x 330' to 360')
 - Long axis to be NW – SE for sun. - Possibly add later
- Playground (C)
- 40' width loop around sports complex area (C)
 - 6' to 10' horse trails/25' nature buffer/8' walking trail



Miller Park has a concession window in front and on sides. restroom facilities and announcer booth above for two fields



Design and color scheme are consistent throughout Park



Miller Park also has a concession stand with three windows, restroom facilities and announcer booth above for three fields

**Section IV:
ENERGY PARK SPORTS COMPLEX AREA**



Excellent feature at Miller Park is the overhang area around the concessions area which provides much needed shade for many during the hot summers and relief from downpours while teams wait for games to resume while at the same time continuing to consume from the concession stands rather than retreating to their cars. Adding fans would be an added plus of cooling spectators while also cutting down the number of flies in this area where food is served.

Buchanon Park in Warren County offers 4 baseball fields, concession stand with restroom facilities.



Front of facility



Restroom Facilities



Recessed shelter area

Phil Moore Park in Warren County offers 2 baseball fields, concession stand with restroom facilities



Phil Moore Park Complex



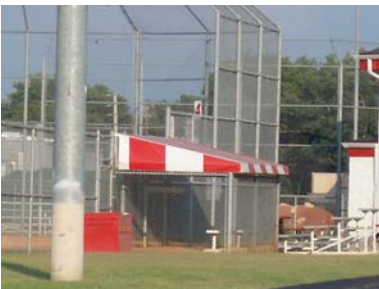
Two concession windows



Restroom facilities



Both Phil Moore Park and Buchanan Park feature scorekeeper booths at each of the fields.



Section IV: ENERGY PARK SPORTS COMPLEX AREA

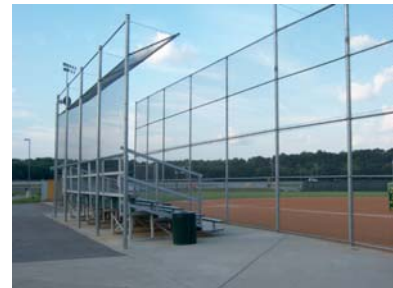
*Hattie L. Preston Intramural Complex has four baseball fields. Two can be converted into soccer, rugby and football fields
Other Features:*



Minimum of 40' space between fields allows for other activities such as batting cages, additional shade, benches etc.



Possibility of sharing poles for lights between two fields



Bleachers with fly ball cover



Drinking Fountains



Movable shelters



Benches and trash receptacles



Team bench area



Fencing with fly ball component



Another type of spectator benches

**Section IV:
ENERGY PARK SPORTS COMPLEX AREA**



Another type of water fountain



Playground near the fields (C)



Shelter by proposed pond area (C)

A six acre pond on the south end of Energy Sports Park area will serve multiple purposes including:

- *Water retention and flood control*
- *Fishing opportunities*
- *Environmental education*
- *Source to water fields*
- *Fire safety*
- *Cooling effect of area*



Through a partnership with Kenergy, other unique features to be developed include:

- *A solar power component (as shown below)*
- *A mulching program to provide mulch for trails etc.*



Solar Panels can also serve as shelter



Area for picnic tables (except during storms)

Lovers Lane Recreational Complex in Bowling Green uses Solar Power for lights and electricity on seven soccer fields, concession area and other lighting around the park.

Section IV:
ENERGY PARK SPORTS COMPLEX AREA



To add both shade and landscaping, a “living memorial” tree program will be started throughout the entire park which provides people an opportunity to plant trees in memory or recognition of others.

**Section V:
ENERGY PARK FAIRGROUNDS AND EXHIBITION HALL**

ENERGY PARK FAIRGROUNDS AND EXHIBITION HALL

Anticipated Time to Completion

- (A) 0 - 1 YEAR (B) 2 - 3 YEARS (C) 3 - 5 YEARS IMMEDIATE

SECTION V: ENERGY PARK FAIRGROUNDS AREA

(Located in the western quadrant of Myer Creek Energy Park)

- County Fair Exhibit Hall – 60' x 80' to 100' (See *CONCEPT PLAN* on next page) (A)
 - State Funding Available up to \$100,000 for Exhibit Hall
 - Small Parking Area in front of building (A)
- Fairgrounds and grass parking area (A)
- Tractor Pull Area 350' x ? (A)
- RV and Trailer Parking for Fairground Carnies (*Northwest corner of the Fairground Area*) (C)
 - 20 sites plus additional primitive sites
 - 10 stands for 20 hook-ups with both 20 amp and 30 amp with 125 plug
 - One dump station shared by all
 - RV sites could also be used during sports events

Current Tractor Pull area will be relocated to an area near the fairgrounds.



Tractor Pull Track (existing)



Announcer Stand (existing)



One of the events the recent tractor events on site



Camping area for carnies will be located in the Western Quadrant of the Fairground area



Double pole units



20 amp, 30 amp, 125 plug-in



Electric and water concept

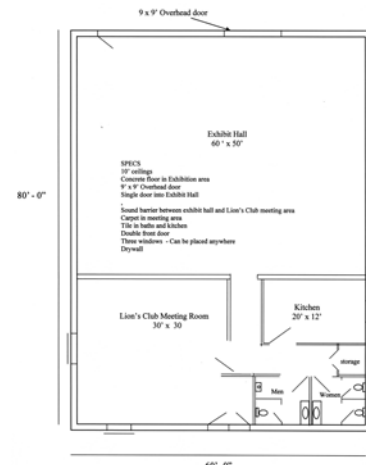


Water spigot concept

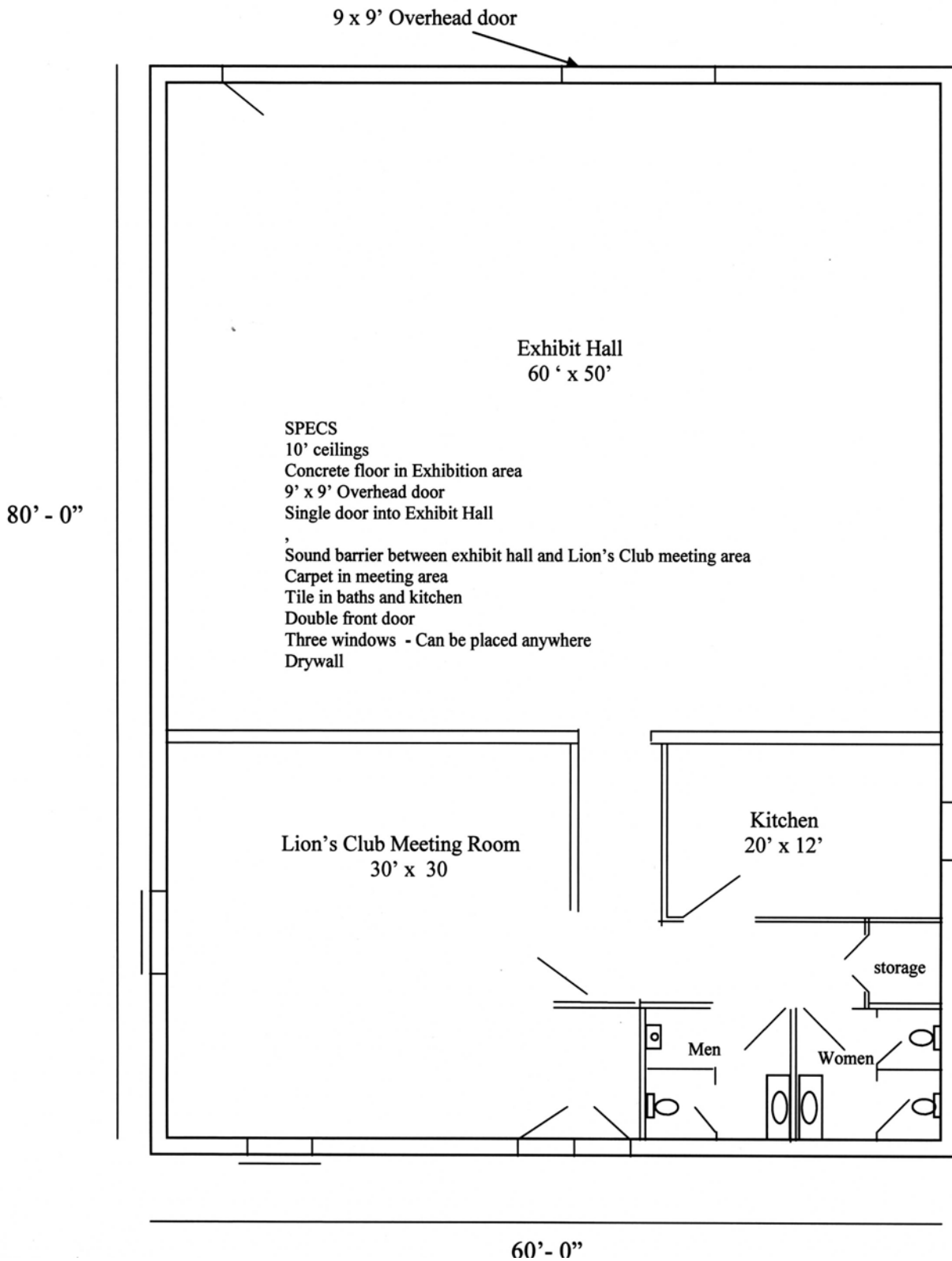
Concept design layout for 60' x 80' County Fair Exhibit Hall will include:

- 60' x 50' Exhibit Hall
- 30' x 30' Lion's Club Meeting Room
- 20' x 12' Kitchen
- Restrooms

(viewable layout on following page)



Section V:
ENERGY PARK FAIRGROUNDS AND EXHIBITION HALL



Section VI: AG EXPO AND EXTENSION COMPLEX

AG EXPO AND EXTENSION COMPLEX

Anticipated Time to Completion

(A) 0 - 1 YEAR (B) 2 - 3 YEARS (C) 3 - 5 YEARS IMMEDIATE

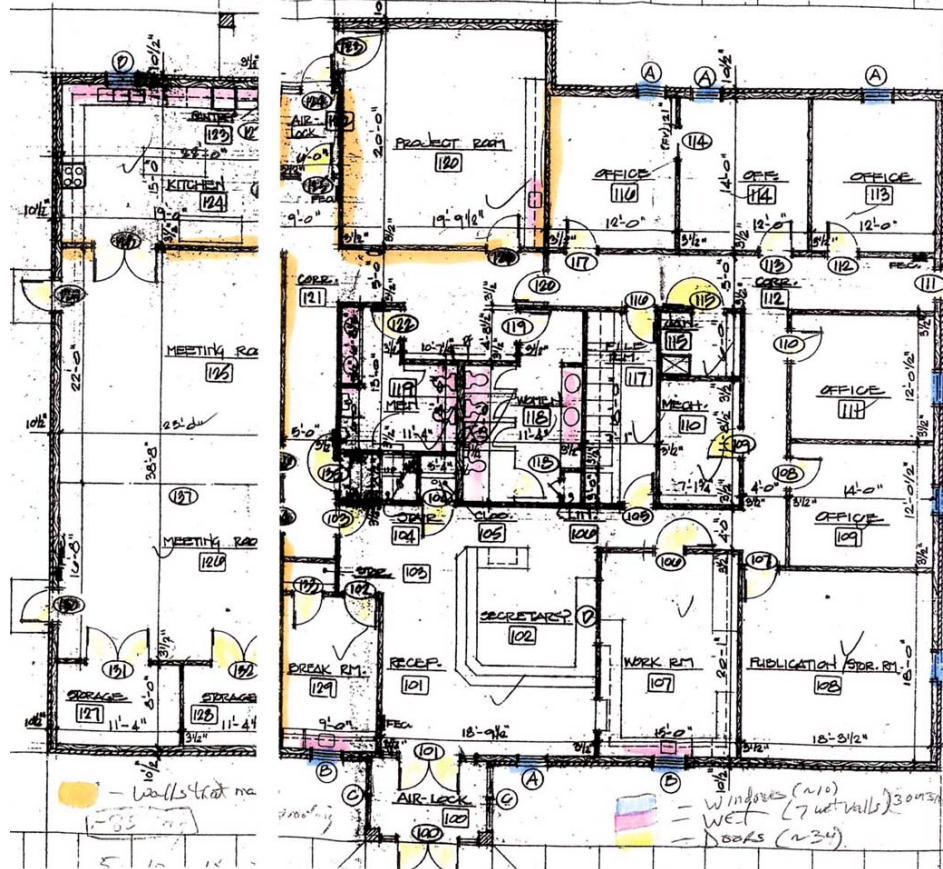
SECTION VI: AG EXPO AND EXTENSION COMPLEX

- Ag Expo Center and Arena – 250' x 125' minimum (C)
 - 80' x 125' staging area which includes a grooming area and shower system to hose down horses.
 - Proper drainage and faucets so horses can not be hurt on them.
 - Arena must meet AQHA standards
 - Dirt floor
 - Concrete base with drainage vs. dig and fill – Best to remove all dirt 12" to 15" down then add topsoil and sand combination.
 - Overhead sprinkler system to keep dust down and add moisture to arena
 - Slanted concrete floors around show ring to hose down to clean
 - Proper drainage is a must!
 - Raised tack room
 - Restroom facilities.
 - Possibly one near concessions in front of building and one in back of building near staging area
 - Retractable seating preferred on both sides
 - Heating and cooling system
 - Radiant heating only at first but possibly set up to add A/C at later time
 - Overhead insulation must be hard surface
 - "Big Ass" brand fans highly recommended to move air and limit need for A/C
 - Use mercury vapor lights that do not buzz
 - White roof with colored trim and connector frame looks nice but stays cooler
 - Steep slope of roof not necessary but looks better
 - No skylights – Use side band lighting instead
 - Include a large concession area but keep it to one side or at the end. John Arnold Arena in Sturgis is the best example of a good design for concession area.
 - Irrigation system
 - Sitework includes excavating, adding sanitary sewer and required electrical
 - Be sure to slope land away from building to avoid water issues
- Outdoor Pen in close proximity to staging area
- Future – Stables (150 stalls minimum. 250 preferred for large events. Could be temporary stalls. All stalls must have electricity. Access to water nearby.
- Extension offices (Have concept design plans for facility) (A)
 - Parking Area in front of building.
 - Additional parking in back as well as Expo parking area
 - Breezeway connecting Extension office to Expo Center suggested
 - Preliminary design included on following page.

Section VI:
AG EXPO AND EXTENSION COMPLEX

CONCEPT PLAN FOR EXTENSION COMPLEX

Concept Floor Plan for McLean County Extension Office
Based on structure built in Webster County



Recommendation: Move backdoor airlock (on back side of building) to the side entrance between the offices. Move the wall of the Project Room in 6 ft. to make the outer wall continuous and expand the width of that same room 6 ft taking up the space previously used for the airlock.



Agent Office with cabinetry



File Room



Meeting Room



Project Room



Kitchen



Airlock

Section VI:
AG EXPO AND EXTENSION COMPLEX

EXAMPLES AND CONCEPT IDEAS FOR EXPO CENTER

MURRAY STATE EXPO CENTER



Murray State Expo Center Entrance



Arena Floor



Barrier from spectators



80' x 125' Staging Area



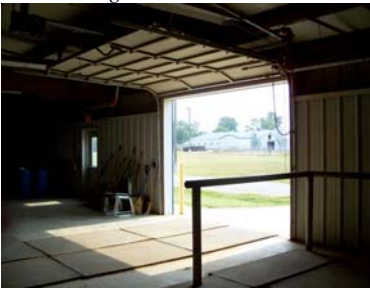
Grooming Area – What NOT to do



Heavy duty gate system is a must!



White roof works best. NO skylights



Overhead door (could have side door)



Don't use soft insulation batting.

JOHN ARNOLD AG EXPO/CONFERENCE CENTER



Conference Center in front of Arena



Arena Complex - Entrance on side



80' x 120' staging area added later

**Section VI:
AG EXPO AND EXTENSION COMPLEX**

JOHN ARNOLD AG EXPO/CONFERENCE CENTER continued...



Convention Center Entrance



Riding Arena with better lighting



Retractable bleaches recommended



Staging Area with removable stalls



Retractable ceiling electrical outlets



RV/Camper sites w' electricity/water

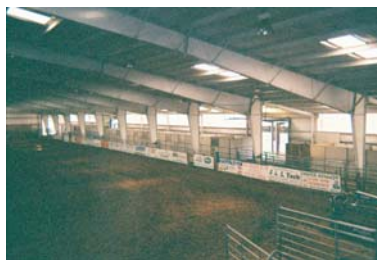
RbarH ARENA/EXPO IN POPLAR BLUFF, MO (573)686-3331



RbarH Arena in Poplar Bluff Mo.



Bleacher seating on one side of arena



Stalls on the other side of arena



Side View of Reception Area & Arena



Back of Arena



Staging area

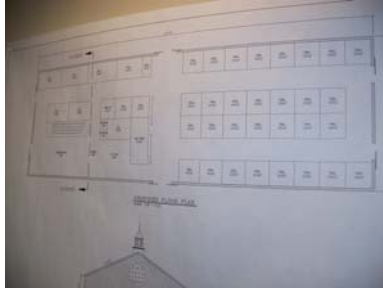
Section VI: AG EXPO AND EXTENSION COMPLEX

CONCEPT IDEAS FOR STABLES

MURRAY STATE UNIVERSITY



Existing Stables next to Arena



Interior view of stable and stalls



Future building: Concept Idea for stables



This stable uses temporary stall units.



Electrical hook-ups and water for rigs



Recommend campsites close to facility

STABLES – JOHN ARNOLD AG COMPLEX - STURGIS



Doubled door stables allow for four rows of stalls with two in the middle and one on each side. Electricity to each one is a must.

Section VII: RV & PRIMITIVE CAMPING AREAS

RV AND PRIMITIVE CAMPING AREAS

Anticipated Time to Completion

(A) 0 - 1 YEAR (B) 2 - 3 YEARS (C) 3 - 5 YEARS IMMEDIATE

SECTION VII: RV & PRIMITIVE CAMPING AREAS

- Short term RV Campground (A)
 - 20 sites plus additional primitive sites
 - 10 stands for 20 hook-ups with both 20 amp and 30 amp with 125 plug
 - One dump station shared by all at other end of Wagon Trail Road
 - Water at every site
 - Preference to left rear hook-ups where possible.
 - Reflectors on every hook-up so they can be seen at night
 - 60' to 75' depth minimum.
 - Recommend cutoff in case of high water or during winter months.
 - Small picnic shelter with electricity, overhead fan and potable water spigot.
 - Will share shower house/restrooms and shelter pavilion located in Section III. *See SECTION III - Nature/Equestrian Trails for details.*
 - Dump station will be located as one exits the RV Park area at the western end of Wagon Trail road.



Double pole units



20 amp, 30 amp, 125 plug-in



Electric and water concept



Double electric pole



Water spigot concept



Electric/Water hookups on asphalt
(Try to avoid this)



Electric pole with overhead wires
(Try to avoid this)

- Second RV Park in wooded area (B)
 - 20 sites with pull thru entrance and/or angled for large trailers.
 - 10 stands for 20 hookup with 20 amp, 30 amp and 125 volt plug-in.
 - Will share shower house/restrooms and shelter pavilion located in Section III. *See SECTION III - Nature/Equestrian Trails for details.*
 - Dump station will be located as one exits the RV Park area at the western end of Wagon Trail road.
- Wagon Trail Road to both RV parks will need immediate work (A)

Please Note: Dudley Dame should be contacted to assist in the oversight of the development of the campsites as he has shown the greatest interest. His number is (270)273-3846.