Kentucky High School Athletic Association – Track & Field Site Inspection

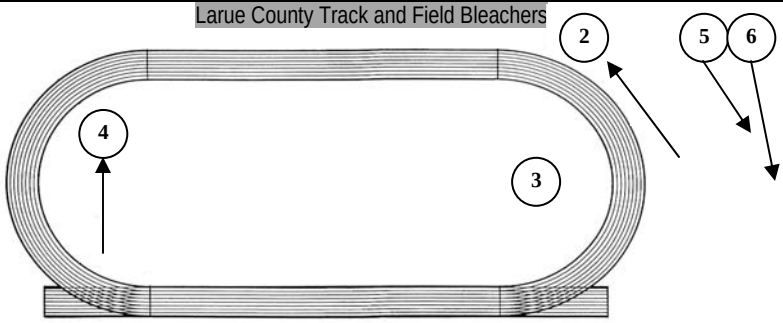
Larue County High School - Hodgenville, Kentucky

Site Inspection Requested by . . . . . Julian Tackett, Assistant Commissioner of KHSAA
Site Inspected by . . . . . Gordon D. Bocock - #4848 – KHSAA Track and Field Consultant

Date of Inspection: Monday, August 14, 2006

Venue # 1 . . . . . Running Tracks	
Lanes (Number and Size) General overall condition and concerns with the running track	The Larue County High School Track and Field Complex is a project that is still under construction. The running track is currently a 400 meter oval that is 28' wide. After talking with one of the track coaches I learned that the rubber surface and the track markings will be placed on the track in late August or early September. The current plan is for 6 – 42" lanes to be placed on the track which will take up 21' of the track. With 28' of oval available it is highly recommended that the track be converted to 9 – 36" lanes. A nine lane track would put Larue County well ahead of others in the area and would be a tremendous plus for meet management of larger meets, especially the Regional Track and Field Meets.
Starting Lines (Staggers)	No marking are currently on the track but the Track Color Chart recommended by the KHSAA has been forward to the school and is attached with this report. . . .
Relay Exchange Zone Markings	No Markings are on the track. Refer to the Track Color Chart.
Break Lines	No Markings are on the track ..... it is highly recommended that a one turn break line and a two turn break line be placed on the track. Refer to the Track Color Chart
Hurdles Color Markings Overall condition of hurdles	Refer to the Track Color Chart for the three different hurdles races that are necessary for high school track competition.
Starting Blocks (Number & Condition)	None were available to observe at this time.
Starting Line Safety	The area on the track of the various starts will be fine when the rubber surface is added. Crowd control will need to be considered, especially for larger meets.
Finish Line Safety	The common finish area will be fine when the rubber surface has been added. Crowd control will need to be considered, especially for larger meets.
Surrounding area (This could include bleachers, fencing, trees, limbs, etc.)	At the present time the area around the track is still under various levels of construction. Sod has been placed in some areas but large muddy areas are still present. In the present condition the grounds are still uncomfortable for both athletes and spectators especially in wet conditions. The current bleachers and not in great shape but plans call for the home bleachers to be moved to the other side of the field in the near future.

Location of Field Events



Venue #2. Pole Vault is located outside the oval at the end of the first turn..

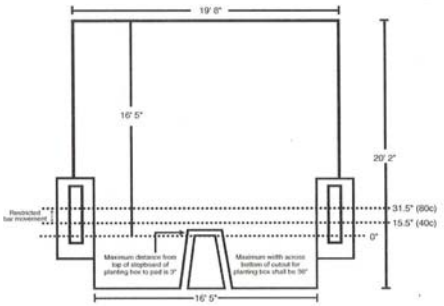
Venue #3. High Jump is located inside the oval in the first curve.

Venue #4. Long and Triple Jump is located inside the oval in the second turn.

Venue #5. Shot Put is located outside the track and field complex in a connecting field.

Venue #6. Discus is located outside the track and field complex in a connecting field.

Venue #2 . . . . . Pole Vault



. . . . Pole Vault Landing Pad . . . . .

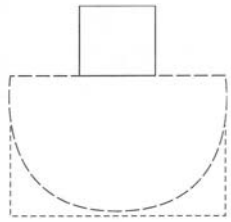
Width of Pole Vault Pad:
Depth of Pole Vault Pad:
Depth from the back of box:
Common Cover:
Weather Cover:

Comments: There was no vaulting equipment out to be observed at this time.

New PV Landing Pad 19'8" wide 20'2" deep 16'5" back of box	There was no pole vault landing pad in place to be observed at this time. Please be aware of the all the National Federation Safety Regulations that must be in place for this particular event. Refer to the National Federation Track and Field Rule Book for all the regulations that are in place for all high schools in the country.

Vaulting Box Zero Point Markings	The current vaulting box was properly placed in the concrete runway. With the current sit up there is no way to mark the zero point.
Runway 130'0"	The runway is 135' in length and is concrete. It is noted that the concrete runway in itself is a safety concern and that a rubber surface or rubber pad be placed on the concrete surface to assure the a foot plant for vaulters that would be safe and secure for the vaulters. It is noted that when a new surface is place on the runway that the vaulting box would be below the actual surface and it is highly recommended that the vaulting box be level with the running surface to assure a safe pole plant.
Standards / Crossbars 13'8" – 14'8" Bar – 14'10"	The standards and cross bars were not present to be observed at this time.
Weigh in Athletes	It is pointed out that the host school is responsible to provide scales for the KHSAA Meet Official to weigh all the vaulters before each competition. It is highly recommended that each coach weigh his or her vaulters weekly to assure that they are legal for the vaulting poles that they are using.
Coaching Box	A coaching box would need to be flagged off at this venue to make sure that the coaches were not interfering with the actual competition that was taking place. There is plenty of areas that a coaching box could be placed that would assure easy communication between the coach and the athlete.
Area surrounding the Pole Vault Venue	There are some major concerns with the location of the Pole Vault Venue. (See below)
Pole Vault Venue (General Notes)	The current Pole Vault Venue has three major that are very much safety concerns. Issue # 1 . . . . . With the current location of the concrete runway and vaulting box that is set in this concrete a landing pad that meets all the National Federation Safety requirements has a good portion of the pad sitting on a service road that is used by school buses and other assorted traffic. This is very much a safety issue and the pad needs to be moved back to assure that a safe landing is available. With the current location NF Rule 7-4-4 pointed out. . . . . Rule 7-4-4: Hard and unyielding surfaces, such as but not limited to concrete, wood or asphalt, that extend out from beneath the sides and back of the high jump landing pad shall be padded with a minimum of 2-inch dense form or other suitable material. This means that the service road would have to be padded for both practice and competition. Issue # 2 ..... The drainage ditch that is adjacent to the service road would have the landing pad sitting at various angles and could well be a safety issue in regard to a safe landing of the airborne athletes. Another issue would be that of the pit blocking the normal drainage of the area and the possibility of standing water at various times as well as the moving and/or standing water causing undue damage to the underside of the landing pads. Issue # 3 ..... It is recommended that a concrete pad be put in place to put the landing pad on to assure a safe surface and that it be moved back so that the pad is not sitting on the service road and so the natural drainage of the area would not be disturbed. A reminder that this pad would then make it possible to mark the point zero and to have an area that would allow for the Standards to be secured to the ground as is now required by the National Federation.

Venue # 3 . . . . . High Jump



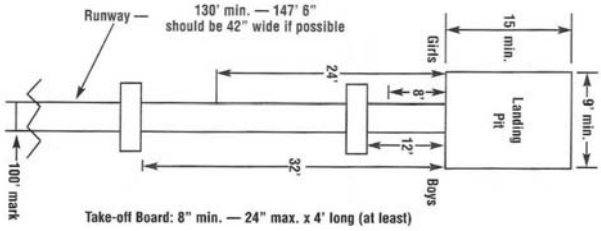
. . . . . High Jump Pad and Apron . . . . .

Width of High Jump Pad:
Depth of the High Jump Pad
Common Cover:
Weather Cover:
Apron Length: 100'
Apron Width: 50'

Comments: There was no HJ equipment out to be observed at this time.

HJ Landing Pad 16' x 8' Exposed Surfaces	There was no high jump equipment out to be observed at this time. NF Rule 7-4-4 can come into play in this event and must be pointed out. . . . . Rule 7-4-4: Hard and unyielding surfaces, such as but not limited to concrete, wood or asphalt, that extend out from beneath the sides and back of the high jump landing pad shall be padded with a minimum of 2-inch dense form or other suitable material
HJ Apron	It is an excellent high jump apron and would allow for the pit to be moved around from time to time to assure that constant wear and tear is not simply in one spot.
Standards / Crossbar 12' apart bar is 12' to 14'10"	Standards and crossbars were not available to be observed at this time.
Area surrounding the HJ Venue	No concerns.
High Jump Venue (General Notes)	If the proper equipment is put in place this would become an excellent high jump venue.

Venue # 4 . . . . . Long and Triple Jump



. . . . . Long and Triple Jump Pits . . . . .

Number of Sand Pits: One

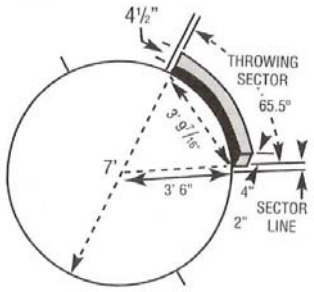
Length of Pit: #1 – 26' #2 - None
Width of Pit: #1 – 10' #2 - None
Length of Runway: #1 – 130' #2 - None

LJ Take off Marks:#1 – _____ _____ _____ _____ _____ _____
TJ Take off Marks:#1 – _____ _____ _____ _____ _____ _____

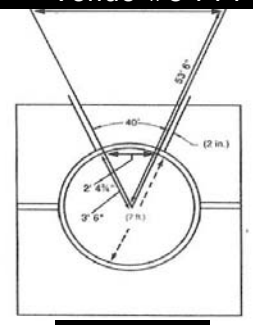
Comments: Entirely too many take off lines on the current runway.

Landing Pit Take Off Marks LJ - (8' and 12') TJ – (28' and 32") And the Runway	The size of the one sand pit is excellent. It is highly recommended that the current wood take off boards be removed and the holes filled before the rubber is placed on top. Do no recommend that wood boards be placed in the new rubber runways but that four painted lines be used for take off marks. It is recommended that the Long Jump marks be placed at 8' and 12' and that the Triple Jump marks be placed at 28' and 32'.
Sand Pit Condition	The sand pit condition will be excellent when it is worked up each spring.
Area around the Long and Triple Jump Pit(s)	Only concerns at the present time is the muddy conditions around the pit but with sod and grass growing the area will be a tremendous jumping area.
Long and Triple Jump Venue (General Notes)	The biggest concern is only one jumping pit ….. with four events going on in this particular venue make meet management very difficult to handle a very big meet.. As the complex is receiving a face lift it is recommended that consideration be given to a second sand pit, that is a carbon copy of the first.

Venue #5 . . . . . Shot Put



Old Sector



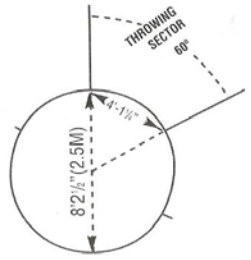
40 Degree Sector

New Sector 34.92

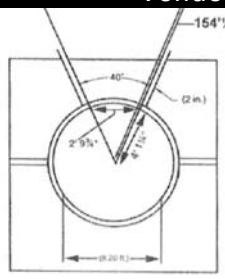
Step # 1. . . From the center of the 7-foot Shot Put circle, measure one of the outer boundary lines 20 meters and make a Mark #1 on the sector line.
Step # 2 . . . Measure 12 meters (.6 of the 20 Meter boundary line) from Mark #1 toward the other boundary line and make Mark #2.
Step # 3 . . . From the center of the Shot Put circle, measure 20 Meters out the 2nd boundary line and align this 20 Meter measurement with Mark #2 and the center of the circle and you will have your 34.92 sector.

Circle – Concrete Pad	The Shot Put venue was under construction at this time and it appears that plans are for the shot and the discus to be thrown from the same concrete pad. …..... it is highly recommended that this be reconsidered.
Sector and Cage	With the area still under construction it is not know what the final outcome will be.
Weight in of Implements	It is pointed out that the host school is responsible to provide scales for the KHSAA Meet Official to weigh all the throwing implements before each competition. It is highly recommended that each coach weigh his or her athletes implements weekly to assure that they are legal and that no alterations have been made to the implements.
Surrounding Area	Still need to see the final product.
Shot Put Venue (General Notes)	The idea of having the shot and discus throwing off the same pad has some serious safety concerns and some serious meet management concerns. It is highly recommended the shot put and discus circles be completely different venues in completely different locations.

Venue #6 . . . . . Discus Throw



Old Sector



40 Degree Sector

New Sector 34.92

Step #1 . . . From the center of the 8 foot 2 ½" circle, measure one of the outer boundary lines 60 meters and make a Mark #1 on the sector line.
Step # 2 . . . Measure 26 meters (.6 of the 60 Meter boundary line) from Mark #1 toward the other boundary line and make Mark #2.
Step #3 . . .From the center of the Discus circle, measure 60 Meters out the 2nd boundary line and align this 60 Meter measurement with Mark #2 and the center of the circle and you will have your 34.92 sector.

Circle – Concrete Pad	The Discus venue was under construction at this time and it appears that plans are for the shot and the discus to be thrown from the same concrete pad. …..... it is highly recommended that this be reconsidered.
Sector and Cage	With the area still under construction it is not know what the final outcome will be.. Refer to the National Federation Rule Book for the required safety requirements on the proper discus cage and sector.
Weight in of Implements	It is pointed out that the host school is responsible to provide scales for the KHSAA Meet Official to weigh all the throwing implements before each competition. It is highly recommended that each coach weigh his or her athletes implements weekly to assure that they are legal and that no alterations have been made to the implements.
Surrounding Area	Still need to see the final product.
Discus Venue (General Notes)	. The idea of having the shot and discus throwing off the same pad has some serious safety concerns and some serious meet management concerns. It is highly recommended the shot put and discus circles be completely different venues in completely different locations. These two events are vastly different and with them being combined in an area has some safety issues for athletes and officials.

Meet Management	
Seating and Spectator Control	It has been pointed out that the current bleachers have some concerns and that plans are in place to totally move the home side to the area closest to the school building with all new bleachers.
Public Address and Press Box	The current press box is old and plans also include to a new press box with the new bleacher area. The public address was not available to observe but if it is sufficient for Football Games it will meet the needs of track and field competition.
Meet Management in regard to Running Events	Once completed the track will be an excellent running venue especially if the track goes to 9 lanes.
Meet Management in regard to Field Events	There could well be some serious issues with meet management in the field events ….. One sand pit is a major concern with four events having to take place on one pit. One throwing sector for the shot put and discus is a major concern
Regional Meet Site In your opinion would you recommend this facility to be considered as a Regional Track and Field Meet Site?	If the track is converted from a 6 lane track to a 9 lane track it would make it the number one running tack in the Region. Only one sand it would be a problem but would not keep the Regional Meet from this location. It is doubtful that a Regional Meet would be considered at a venue with only one throwing venue. Would have to see the completed track and field complex at Larue County before an final recommendation can be made.

Respectively submitted,

Gordon D. Bocock

Gordon D. Bocock, #4848
KHSAA Track and Field Consultant