



Kentucky High School Athletic Association – Track & Field Site Inspection

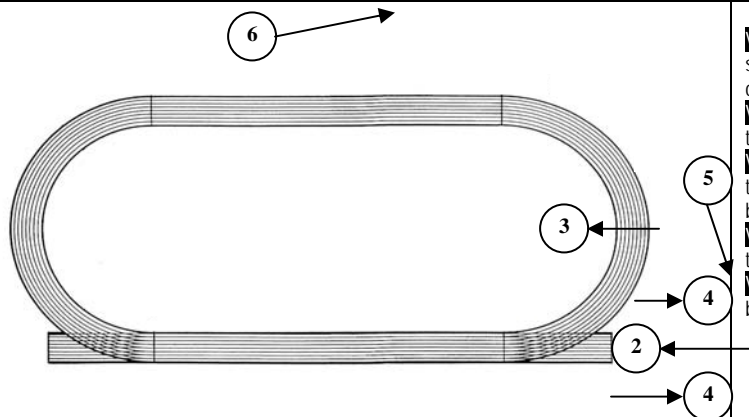
Site Being Inspected . . . Marion County High School – Lebanon, Kentucky
 Site Inspection Requested by Julian Tackett, Assistant Commissioner of KHSAA
 Site Inspected by Gordon D. Bocock - #4848 – KHSAA Track and Field Consultant

Date of Inspection: Monday, March 24, 2006

Venue # 1 Running Track

Lanes (Number and Size) General overall condition and concerns with the running track	The Marion County High School Track is a 400 Meter Track with 8 lanes of street asphalt with a rubberized sealer. The lanes are 42" wide and the track surface is 28' wide. The track running surface looks great, as it is has a maroon colored sealer with the white stripes however it is hard and the rubberized sealer is something new. It will be interesting to see how this surface holds up and to see how effective the rubberized sealer is going to be..
Starting Lines (Staggers)	The starting lines on the Marion County Track have the proper color markings for all the starting lines. The 100 Meter and 110 Meter starting areas are in good condition and not showing signs of wear. The 200 and 300 Meter Starts are both in good condition. The biggest problems will all the starting lines is the track is hard and it is difficult to determine how the starting blocks will hold on the new rubberized sealer. 1 – Turn Stagger Green Lines 2 – Turn Stagger White Lines 3 – Turn Stagger Blue Lines 4 – Turn Stagger Red Lines Distance races One waterfall starting line is on the track and is properly marked. There is no step up line painted on the track and no alley starts are marked on the track. It is recommended that when the time comes for re-stripping the track that the step up line and alley starts with step up lines be put in place.
Relay Exchange Zone Markings	The 4 x 100 Meter Relay is marked with the starting lines being the white lines (2 turn stagger) and the exchange zones being yellow to yellow in all three zones. The fly zones are also marked in yellow. The 4 x 200 Meter Relay is marked with the starting lines being the red lines (4 turn stagger) and the exchange zones being red to red at the first and second zone and yellow to yellow on the third exchange. The fly zones are in place and properly marked in red. The 4 X 400 Meter Relay is marked with the starting lines being the blue lines (3 turn stagger) and the exchange zones being blue to blue staggers on the first handoff and then green to green for the second and third handoff. The 4 X 800 Meter Relay is marked and the start can use either a waterfall start, a one turn stagger or a two turn stagger. All the handoffs are green to green.
Break Lines	A green broken line is located at the head of the backstretch when a 1 turn stagger is desired for the distance races or for the 3 turn stagger on the 4 x 400 Meter Relay. There is also a green broken line near the start of the 100 Meter Dash for the 2 turn stagger used in the 800 Meter Dash.
Hurdles Color Markings Overall condition of hurdles	The 100 Meter High Hurdles – Yellow Markings The 110 Meter High Hurdles – Blue Markings The 300 Meter Hurdles – Red Markings The hurdles were not out to be observed
Starting Blocks (Number & Condition)	The starting blocks were not out to be observed. It is recommended that the host school provide the number of blocks that would meet the needs for there 8 lane track.
Starting Line Safety	The starting lines for the straightaway races may well need to be flagged off in a large meet to assure that everyone stays back and does not interfere with the athletes or officials. The biggest safety concerns will be the ability of the starting blocks to hold to the surface when the athletes apply pressure as they leave the blocks. The starting lines for the oval races have the same concerns and the area should be flagged off to keep everyone not participating back and to assure that they do not interfere with the athletes or officials. The same concerns with starting blocks holding to the track surface. surface would The two starting lines on the backstretch should not have issues with flagging but will continue to have problems with starting blocks holding to the track.
Finish Line Safety	The common finish line for all the races is located at the end of the front stretch. The flagging mentioned above for the starting of the oval races will provide the necessary persuasions to keep spectators and other non-participants back from the track giving the athletes room to compete and officials the space they need to do there jobs without interference.
Surrounding area (This could include bleachers, fencing, trees, limbs, etc.)	On the front stretch of the track is a large bleacher area that has crown control fence that is excellent for a track meet. This fence would be even better if it extended the entire length of the front stretch past both the start and finish lines. Bleachers on the backstretch would be great for teams. The infield of the track has a hip high edge around both curves and a good portion of both straightaways. The hedge could be a problem at the finish line area as athletes normally exit the track to the left immediately after a race and/or a handoff. Meet management will need to evaluate this area at each competition.

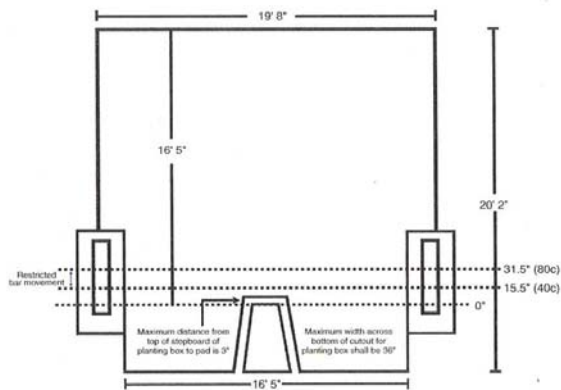
Location of Field Events



- Venue #2.** Pole Vault is located outside the oval at the end of the finish straight with the pit about 15 feet off the track with the runway going the opposite direction as the finish straight.
- Venue #3.** High Jump is located inside the oval in the first curve of the track.
- Venue #4.** Long and Triple jump pits are located outside the oval with two pits. Pits are located to the right and left of the pole vault runway but going opposite directions.
- Venue #5.** Shot Put is located outside the oval in the first curve of the track.
- Venue #6.** Discus is located outside the oval behind the back stretch bleachers.

Marion County Track and Field Complex

Venue #2 Pole Vault

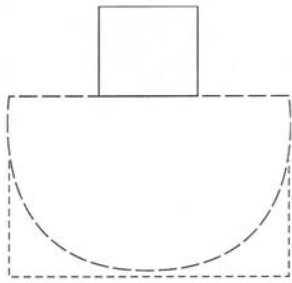


. . . . Pole Vault Landing Pad

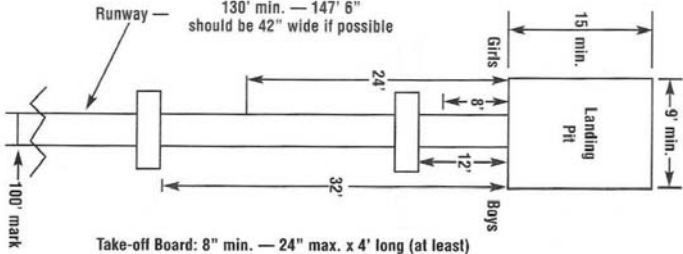
- Width of Pole Vault Pad: 20'
- Depth of Pole Vault Pad: 22'6"
- Depth from the back of box: 17'
- Common Cover: Yes
- Weather Cover: Yes
- Comments: Vaulting pit is brand new and look great.

New PV Landing Pad 19'8" wide 20'2" deep 16'5" back of box	The landing pad at Marion County Pole Vault venue meets all the size requirements and is in compliance with the National Federation Safety Requirements. The pads are properly put together and are pulled together with a common cover that is providing a safe landing for the athletes. A weather cover is in place to protect the equipment from the elements. It is pointed out that the area around the pads has had all the hard unyielding surfaces removed and the pads are resting on a sand base that has the area around the pads very safe. From time to time the area may need to be raked to keep it level.
Vaulting Box	The vaulting box is properly placed in the ground and is level with the running surface to assure a safe pole plant. It is highly recommended that the vaulting box be painted a bright white to assure better vision for the approaching athlete.
Runway 130'0"	The runway is 130' in length and is 4' wide and is in a concrete surface with rubber mats like those used in a weight room place and exact fit to the runway width. It is noted that the rubber surface is excellent at this time but needs to be checked often to see how weather affects the joints as the rubber mats must stay level to assure proper footing on the runway. Have concerns about the dirt piles beside each runway edge as stepping off the runway could well be unsure footing at this time. It is highly recommended that fill dirt be put in place and tapered down and raked level to assure safe footing for all the athletes and/or officials.
Standards / Crossbars 13'8" - 14'8" Bar - 14'10"	The vaulting standards are in excellent condition and they are properly secured to concrete pads. Crossbars were not observed on this visit.
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	The area outside the running oval just past the finish line area and outside the long/triple jump runway would be an excellent location for a pole vault coaches box.
Area surrounding the Pole Vault Venue	At the present time the only concerns are with the level of the dirt at the sides of the pole vault runways. Unsure foot is very much a safety issue.
Pole Vault Venue (General Notes)	Once the area around the pole vault runways and both the long and triple jump runways has a level surface it will be a tremendous vaulting venue. At present it has some safety issues in regard to footing. On a wet day it would probably be unsafe to vault as the athletes could not possible keep mud off of there feet and the runway would be in very bad shape with a mud surface.

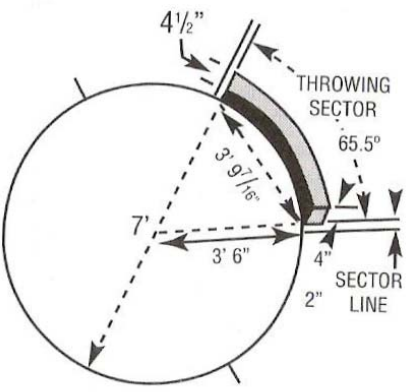
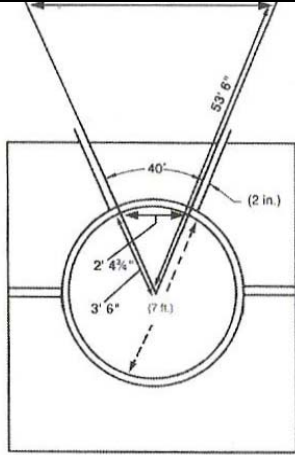
Venue # 3 High Jump

	<p style="background-color: black; color: white; padding: 2px; display: inline-block;">. . . . High Jump Pad and Apron</p>
	<p>Width of High Jump Pad: 22'</p> <p>Depth of the High Jump Pad: 10'</p> <p>Common Cover: Yes</p> <p>Weather Cover: Yes</p> <p>Comments:</p> <p>Apron Length: 100'</p> <p>Apron Width: 60'</p>
<p>HJ Landing Pad 16' x 8'</p> <p>Exposed Surfaces</p>	<p>The landing pad at Marion County High Jump venue meets all the size requirements and is in compliance with the National Federation Safety Requirements. The pads are properly put together and are pulled together with a common cover that is providing a safe landing for the athletes. A weather cover is in place to protect the equipment from the elements. It is pointed out that the area behind the high jump pads has some hard an unyielding surface exposed 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. It is further pointed out that at the front edge of the landing pads has some concrete pads exposed. It is highly recommended that the pads be kept pulled forward to assure that the concrete is covered at all times.</p>
<p>HJ Apron</p>	<p>The high jump apron has plenty of width and length, however nearly 30' of the length is also used as 8 lanes of the running track. At times the high jump competition may have to stop from time to time due to running events that may be taking place around the first curve.</p>
<p>Standards / Crossbar 12' apart bar is 12' to 14'10"</p>	<p>Standards were in good shape however no crossbars were observed on this visit.</p>
<p>Area surrounding the HJ Venue</p>	<p>It is recommended that the edges of the High Jump Apron be sprayed and edged to assure that the Bermuda grass creeping onto the surface does not become a problem.</p>
<p>High Jump Venue (General Notes)</p>	<p>If the hard and unyielding surface behind the high jump landing pad can not be removed it is highly recommended that Rule 7-4-4 be adhered to and that the area be covered for both practice and competition..</p>

Venue # 4 Long and Triple Jump

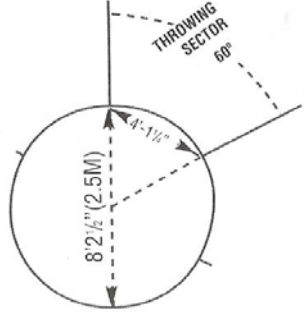
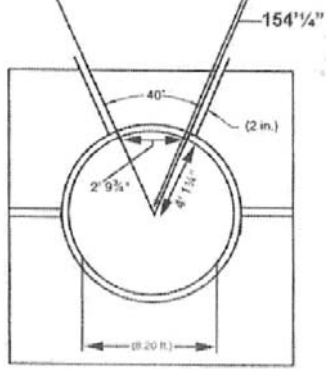
	<p style="background-color: black; color: white; padding: 2px; display: inline-block;">. . . . Long and Triple Jump Pits</p>
	<p>Number of Sand Pits: Two</p> <p>Length of Pit: #1 - 16' #2 - 16'</p> <p>Width of Pit: #1 - 11' #2 - 11'</p> <p>Length of Runway: #1 - 142' #2 - 142'</p> <p>LJ Take off Marks: #1 - None were in place.</p> <p>TJ Take off Marks: #1 - None were in place.</p>
<p>Landing Pit Take Off Marks LJ - (8' and 12') TJ - (28' and 32') And the Runway</p>	<p>Two identical sand pits and runways. Both pits are bigger than the National Federation recommendations at 16' x 11'. The runways are 142' in length and is 4' wide and is in a concrete surface with rubber mats like those used in a weight room place and exact fit to the runway width. It is noted that the rubber surface is excellent at this time but needs to be checked often to see how weather affects the joints as the rubber mats must stay level to assure proper footing on the runway. Have concerns about the dirt piles beside each runway edge as stepping off the runway could well be unsure footing at this time. It is highly recommended that fill dirt be put in place and tapered down and raked level to assure safe footing for all the athletes and/or officials.</p>
<p>Sand Pit Condition</p>	<p>The pits are both new pits and have not been completely worked into shape. The sand is loose but it needs to be leveled to make a smooth even surface to assure proper measurements.</p>
<p>Area around the Long/Triple Jump Pit(s)</p>	<p>At the present time the only concerns are with the level of the dirt at the sides of the runways and around the landing pits. Mounds of dirt need to be spread out and leveled. Left in the current condition is at best unsure footing and is very much a safety issue.</p>
<p>Long and Triple Jump Venue (General Notes)</p>	<p>Once the area around the pole vault runways and both the long and triple jump runways has a level surface both pits will be tremendous jumping venue. At present it has some safety issues in regard to footing. On a wet day it would probably be unsafe to jump as the athletes could not possible keep mud off of there feet and the runway would be in very bad shape with a mud surface.</p>

Venue #5 Shot Put

 <p style="text-align: center;">Old Sector</p>	 <p style="text-align: center;">40 Degree Sector</p>	<p style="text-align: center;">New Sector 34.92</p> <p>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.</p>
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Circle – Concrete Pad	The concrete pad is 10 x 10 with a 7' circle properly placed on the pad. The circle is a new metal ring. A excellent toe board is properly secured to the pad. It is recommended that the outside portion of the concrete pad be painted in the school colors and that the back half of the circle be indicated.
Sector and Cage	The throwing sector was not marked so it was not possible to determine what sector line will be used this year. The sector surface is a crushed limestone that will allow the shot to make a good mark to measure from and can easily be leveled with light raking. A rake and broom should become everyday equipment at this venue. The length of the throwing sector is 50' which is probably not long enough, extending the throwing sector to 60' should be considered as 50' to 55' high school shot putters are very common.
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	The area immediately around the shot circle and the throwing sector have mounds of dirt that need to be leveled, raked and grass planted as soon as possible. Footing could well become a safety issue.
Shot Put Venue (General Notes)	Have concerns about the dirt piles beside the shot put venue as stepping off the sector could well be unsure footing at this time. It is highly recommended that fill dirt be put in place and tapered down and raked level to assure safe footing for all the athletes and/or officials. On a wet day it would probably be unsafe to throw as the athletes could not possible keep mud off of there feet and the concrete would be in very bad shape with a mud surface.

Venue #6 Discus Throw

 <p style="text-align: center;">Old Sector</p>	 <p style="text-align: center;">40 Degree Sector</p>	<p style="text-align: center;">New Sector 34.92</p> <p>Step #1 . . . From the center of the 8 foot 2 1/2" 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.</p>
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Circle – Concrete Pad	The concrete pad is 10 x 10 with a 8'2.5" circle properly placed on the pad. The circle is a new metal ring. It is recommended that the outside portion of the concrete pad be painted in the school colors and that the back half of the circle be indicated.
Sector and Cage	There were no sector lines in place to actually determine what sector lines the school intends to use. The current location of the front poles of the cage would not indicate a 40 degree sector or a 34.92 sector, but would indicate the old 60 degree sector. Either the 40 or 34.92 degree sectors are ok this year for regular season competition however if a school plans to host the Regional Track and Field Meet a 34.92 sector must be used. The cage is currently not legal and will need to have front poles added that will bring the front poles no more than 5' from the 34.92 sector lines.
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	The area around the throwing sector appears to be a wet area that may well cause some concerns on wet days at track meets. The

	area directly in front of the throwing circle needs to be packed down and grass planted to help cut down on mud that may be brought into the circle.
Discus Venue (General Notes)	Once the cage becomes legal it will be a very good throwing venue. Until the cage meets all the National Federation Safety requirements it is highly recommended that no practice or competition be held at this venue.

Meet Management	
Seating and Spectator Control	The seating and is fine for a track meet. The area is not enclosed and charging admission would be tough at the site but could be controlled with parking lots being closed until individual cars were allowed to enter. Plenty of seating for fans with fair viewing of field events. Plenty of room for the athletes Tent City in safe areas.
Public Address and Press Box	The Press Box is one of the finest Football Press Boxes in Kentucky and would be very good for a track and field meet. The public address system is more than adequate.
Meet Management in regard to Running Events	Officials at this site inspection no meet was observed. Officials at future meets at this facility would judge the meet management skills in regard to running events.
Meet Management in regard to Field Events	Officials at this site inspection no meet was observed. Officials at future meets at this facility would judge the meet management skills in regard to running events.
Regional Meet Site In your opinion would you recommend this facility to be considered as a Regional Track and Field Meet Site?	The school has made tremendous progress in the development of five different field event venues but at this time the school is not ready to host a KHSAA Regional Track and Field Meet. The running track is in very good shape but many finishing touches still need to be added to all the field event areas. At the time of this inspection we do not recommend any practice or competition be held at the discus venue as the cage does not meet National Federation Safety requirements. Once the Pole Vault and Long/Triple Jump runways have the dirt mounds leveled and grass is in place these venues will be fine. Once the Discus cage issues are solved the discus will have a very good safe venue. Once the dirt issues around the Shot Put are leveled the venue will be safe but consideration should be given to add 10' in length. The High Jump has some hard and unyielding surfaces that must be covered in practice and competition. The Meet Officials at future home meets will be better able to address any Meet Management concerns that may be present and how improvements to issues discussed above are coming..

Respectively submitted,

Gordon D. Bocoock

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