12" Concrete Containment Curb

1. Concrete Containment Curb shall be constructed where shown on the Plans and conform to the requirements of Sections **SS-31, SS-32**, and **SS-34** for Class B concrete of the Standard Specifications with a 1" maximum aggregate size.
2. All Containment Curbs shall be Class B concrete with a minimum compressive strength of 2500 psi at 28 days, compacted to ninety-five percent (95%); Class II aggregate base to be laid on earth subgrade and compacted to ninety percent (90%).
3. Contractor shall place reinforcing steel as shown and detailed on the plans. Steel shall conform to ASTM A-615, Grade 40.
4. Float and steel trowel surface to required slopes and planes.
5. Contractor shall finish Containment Curb with a medium broom finish perpendicular to the direction of the curb.
6. Expansion Joints shall be 3/8" asphaltic felt, full depth, installed in conformance with applicable sections Standard Specifications with the addition of the following: Expansion joints shall be placed at the beginning and end round curb returns, and shall not be placed, but two (2) inches from corners.
7. The Contractor shall protect new concrete Containment Curbs, work of other trades and other improvements; any new Containment Curbs damaged from subsequent construction activities will not be accepted as complete.
8. Any gouges or chips larger than one (1) inch in any direction shall be grounds for removing and repouring concrete curbs.

Basketball Court

1. Asphaltic Concrete Paving:

A. The placement of Asphaltic Concrete paving, Class II Aggregate Base, and subgrade shall conform to Sections SS-21 and SS-22 of the Standard Specifications, Section 39 of the State Specifications, and detailed as shown on the Plans.

B. Subgrade shall be compacted to a relative density of 95%.

1) The grading of the combined aggregate shall conform to three eighths (3/8") inch maximum size, medium rating, as listed in Section 39 of the State Specifications, state of California.
2) Prime coat and tack coat shall be applied in conformance to Section 39 of the State Specifications, State of California.
3) Do not apply a fig seal coat to the basketball court asphalt concrete paving.
4) Asphalt concrete paving shall conform to slopes, lines, and finish grades shown and noted on the Drawings, and shall drain properly; where adjacent surfaces are intended to be flush, as at sidewalks and mow curbs, they shall conform smoothly at all points.
5) Care shall be taken to prevent damage to adjacent surfaces.
6) Mask and protect adjacent surfaces before placing asphalt concrete surface to prevent staining of adjacent surfaces.
7) Any damage shall be reported immediately to Project Manager.
8) Replace any stained or damaged surfaces as directed by the Project Manager, in such a manner acceptable to Project Manager, and that is consistent with adjacent surfaces.
9) Where roller or compaction scar or chip adjacent surfaces, entire replacement of damaged surface shall be required to provide such continuity.
   a. Do not permit vehicular traffic on asphalt concrete surface until it has cooled and attained its maximum degree of hardness.
   a. The finished asphalt pavement, where not controlled by adjacent structures or features, may vary not to exceed 9.95' above or below the planned grade, providing it is uniform and free from sharp breaks.
   b. The cross section of the finished pavement shall be free from ridges and valleys, and be within 0.05' above or below the theoretical section at any point on the cross section.
   c. The thickness of the finished pavement shall be not less than 0.01' less than the planned thickness of any point.
   d. After completion of basketball court paving, flood with water, and any resulting "ponds" shall be outlined with chalk, such hollows shall be corrected with additional asphalt concrete and re-rolled until all paving is completely level and free from hollows and high spots.

1. Portland Cement Concrete (PCC) Containment Curb: PCC mow curb shall be constructed as detailed and where shown on the Drawings and conform to requirements of Section SS-31 and SS-32 of the Standard Specifications.

2. Basketball Court Surfacing:

A. The Contractor shall apply the basketball court surfacing in accordance with these Special Provisions.

B. The Contractor shall hire an Installer who is trained and experienced in the skills required, and must be completely familiar with the products and their installation.

C. The Installer shall be present at all times during the progress of work of this item and shall direct all work performed.

D. Basketball court asphalt concrete surface shall not be covered until it is thoroughly cured; the contractor shall allow a minimum of 14 days for curing.

E. The contractor shall mask and protect adjacent surfaces before placing surfacing products to prevent coloring or staining of adjacent surfaces; replace any surfaces colored or stained as directed by the Project Manager.

F. Basketball court surfacing shall consist of the following Koch Materials Company, or approved equal, surfacing system; the work shall include but is not limited to:
10) Filling in "bird baths" (depressions holding water) on asphalt concrete surface.
11) Application of Plush-Tex Filler Coat to entire asphalt surface.
12) Application of Deco-Color Multi-Purpose Coating (920-27) system.
13) Application of white striping paint for playing lines.

G. Materials:
1) Plush-tex filler coat shall be an asphalt emulsion containing specially selected mineral fillers as per manufacturer's specifications.
2) The Deco-Color Multi-Purpose Coating (920-27) shall be the material for the sanded coat as per manufacturer's specifications.
3) The Deco-Color Multi-Purpose Coating (920-27) shall be the material for the un-sanded finish coat as per manufacturer's specifications.
4) Clean 95 mesh Oklahoma Sand No. 1 for the sanded coat shall be available from:
Pyro Minerals
2510 Wood Street
Oakland, CA 94607
(510) 839-3900
5) The playing lines shall be white striping paint 920-22 and shall be in conformance with manufacturer's specifications.
6) The Contractor shall not use oil-base traffic paints for striping paints.

H. Surface Preparation:
1) Prior to court surfacing system application, the Contractor shall flood the entire asphalt concrete paving surface.
2) All bird baths or areas that pond holding water deep enough to cover a nickel shall be corrected.
3) Correct minor asphalt pavement irregularities such as pocks, holes, loose aggregate, etc.
4) The Contractor shall prepare the surface as follows:
   a. Surfaces shall be cleaned of all loose particles, dirt, sand, grease and oil by flushing with high pressure water stream and broming.
   b. Grease and oil shall be removed by strong detergent cleaning before flushing with water.
   c. Trapped dirt or moisture under the re-surfacer will be sufficient cause for rejection of work and replacement at Contractor's expense.

I. Application of Surfacing:
1) The Contractor shall not exceed the dilution and mixture rate per manufacturer's specifications.
2) The Contractor shall apply the court surfacing in conformance with manufacturer's weather and temperature (55 degrees F and rising) specifications.
3) The Contractor shall apply one (1) coat of Plush-Tex filler coat over the entire surface to hide patches and smooth surface in conformance with manufacturer's specifications.
4) The Contractor shall follow application rate and procedures as per manufacturer's specifications.
5) The Contractor shall allow the surface pretreatment of the Plush-Tex Filler Coat to fully dry.
6) The Contractor shall mix the Deco-Color Multi-Purpose Coating (920-27) system for the sanded layer in accordance with manufacturer's specifications.
7) The Contractor shall apply one (1) coat of sanded Deco-Color Multi-Purpose Coating (920-27) by squeegee to the entire area.
8) Application shall be made parallel to the short axis of the basketball court.
9) Care should be taken not to leave ridges of mix where adjoining applications overlap.
10) The application rate shall be in conformance with manufacturer's specifications.
11) Additional applications may be made for leveling if required.
12) The Contractor shall allow the sanded coat to fully dry and shall clean off all foreign matter from the surface before beginning the finish coat applications.
13) Final application of the un-sanded coat shall be made perpendicular to the first application parallel to the long axis of the basketball court.
14) Apply the finish coat of un-sanded Deco-Color Multi-Purpose Coating (920-27) using a flexible squeegee.
15) The contractor shall allow the finish coat surface to dry thoroughly before applying any playing lines.
16) The Contractor shall follow surface preparation recommendations per manufacturer's specifications.

J. Paint Lines:
1) The Contractor shall apply two inch wide playing lines as detailed on the drawings and in conformance with manufacturer's specifications.
2) Apply paly line paint at a rate of 150-200 sq. feet per gallon. Apply playing lines exactly in straight lines and of even width, with no splatter of paint on either side of the lines.

K. The court surface colors shall be as follows:
1) Playing surface: Green
2) Playing lines: White

L. Basketball Standards, Rims and Nets
1) The Contractor shall furnish and install the basketball backstops as located on the Plans and in accordance with the manufacturer's recommended instructions.
2) The basketball backstops shall be as listed below or approved equal:
David F. O'Keefe Co.
P.O. Box 457
Alamo, CA 94507
(925) 887-4440
3) Dual post Model No. 1513 with 6'-0" offset, heavy duty galvanized post and footing. Powder coat posts in black.
4) Regulation fan backboard No. 1513-13, 3" thick steel, painted white.
5) Double ring hoop No. 8131. Modified to accept the heavy nylon cord net No. 8132.

REVISIONS

CITY OF WHEATLAND

HALF COURT BASKETBALL - PARK PLACE PARK

McDEVITT DRIVE / SPRUCE AVE. / HARDING PLACE

SITE A

SPECIFICATIONS

DATE: 5/12/09

DRAWN:

SCALE: AS NOTED

JOB# HALF COURT

SHEET: SP

OF SHEETS