

## **Salem Cole Park Pickle Ball - Doc 1.**

### GENERAL NOTES:

1. CONTRACTOR TO INSTALL A COMPLETE PICKLEBALL COURT INCLUDING, POST-TENSION CONCRETE, Texture, NET POSTS & APPURTENANCES, COURT SURFACE, STRIPING, FENCING, AND GATES.

2. EARTHWORK SUPPORTING THE POST-TENSIONED CONCRETE COURTS SHALL BE IN ACCORDANCE WITH THE DRAWING DETAILS AND GEOTECHNICAL REPORT.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL CONSTRUCTION STAKING. OWNER RESERVES THE RIGHT TO SPOT CHECK CONSTRUCTION STAKING WORK PROVIDED BY CONTRACTOR.

4. FINISHED COURT SURFACE SHALL LIE IN A TRUE PLANE AT THE ELEVATIONS AND SLOPES GIVEN IN THE GRADING PLAN.

5. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY IF GRADING ERRORS OR ISSUES ARE ENCOUNTERED DURING CONSTRUCTION AND SHALL COOPERATE WITH OWNER FOR ADJUSTMENT SOLUTIONS PRIOR TO CONTINUING WITH THE WORK. POST-TENSIONED PLAN NOTES:

1. SAND LEVELING COURSE SHALL BE COMPACTED TO 95% MAXIMUM MODIFIED PROCTOR DENSITY.

2. POST-TENSIONING TENDONS SHALL BE 12" DIAMETER GRADE 270 KSI SINGLE-STRANDED UNBONDED TENDONS WITH WEDGE TYPE ANCHORING SYSTEMS.

3. POST-TENSIONING TENDONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-415 AND THE FINAL TENDON ASSEMBLY SHALL CONFORM TO THE POST-TENSIONING INSTITUTE'S (PTI) SPECIFICATION FOR UNBONDED SINGLE STRAND TENDONS.

4. TENDONS SHALL BE STRAIGHT, UNIFORMLY SPACED, AND INSTALLED PER MANUFACTURER RECOMMENDATIONS, BUT MAY BE MOVED HORIZONTALLY UP TO 12 INCHES TO AVOID OBSTRUCTIONS IN THE SLAB.

5. TENDONS SHALL BE PROPERLY SUPPORTED OR CHAIRED IN THE MIDDLE OF THE SLAB AND SHOULD BE SECURED TO MAINTAIN THEIR HORIZONTAL AND VERTICAL POSITIONS DURING PLACEMENT OF THE CONCRETE.

6. SLAB CONCRETE SHALL BE TYPE I WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI. THE CONTRACTOR SHALL SUBMIT A CONCRETE MIX DESIGN, INCLUDING PROJECTED CURE RATE FROM 0 TO 28 DAYS, TO THE OWNER AT LEAST ONE WEEK PRIOR TO PLACING SLAB.

7. THE CONCRETE MIX DESIGN SHALL BE SELECTED TO MINIMIZE EARLY CURING AND SHRINKAGE CRACKING THAT MAY FORM PRIOR TO TENDON STRESSING.

8. THE CONTRACTOR SHALL PROVIDE MEANS TO ENSURE THAT CONCRETE IS NOT SPLATTERED ON FENCE POSTS, LIGHT POLES, GATE POSTS, CONDUITS, OR OTHER EXISTING FACILITIES DURING CONSTRUCTION OF SLAB.

9. POST-TENSIONED SLABS SHALL BE PLACED IN INDIVIDUAL, CONTINUOUS POURS (NO CONSTRUCTION JOINTS SHALL BE ALLOWED IN THE FIELD).

10. SLAB STRESSING SHALL OCCUR AT A CONCRETE STRENGTH OF 1,700 PSI OR GREATER. CONTRACTOR MAY CONSIDER TENSIONING UP TO 50% OF THE MAXIMUM ULTIMATE TENSILE STRENGTH 24 HOURS AFTER PLACEMENT OF CONCRETE.

11. TENDONS SHALL BE TEMPORARILY STRESSED TO 80% OF THEIR MINIMUM ULTIMATE TENSILE STRENGTH TO OVERCOME FRICTION AND TO ENABLE WEDGE SEATING.

12. CLOSURE STRIPS AND MOW STRIPS SHALL NOT BE PLACED UNTIL SHORTENING IN THE POST-TENSIONED SLABS HAS OCCURRED.

13. ALL CONSTRUCTION-PHASE HARDWARE WHICH MAY CAUSE RESTRAINT TO SHORTENING IN THE SLAB, INCLUDING PINS HOLDING SCREED CUPS, SHALL BE REMOVED FROM THE SLAB BEFORE SET OCCURS.

14. CONTRACTOR SHALL PLACE ASTM C171 POLYETHYLENE SHEETING (ULTRA CURE NCF BY UNIVERSAL FOREST PRODUCTS, INC. OR APPROVED EQUAL) OVER SLAB FOR MOISTURE LOSS AND REFLECTANCE CONTROL DURING SLAB CURE.

15. Install of 8 light poles. All Conduit, pole bases and standing of poles. Salem City will pull wire energize the system. Salem City will provide the poles, lights and design. Design has been attached. **LSI Industries System - Zone Large** Salem City will complete the connect. Contractor will pull tape / string from Poles to the boxes and the main power box. Said box will be installed by Salem City. The Box/pedestal will be located outside of the courts on the South East corner of the courts. Pedestal will be just South of the sidewalk. Placement of poles is marked on the lighting plan.

A. The power design plan is provided. This plan includes layout of conduit for the light poles. Also includes map for running power to the Pedestal box. Map will also show placement of court off/on timers, power outlets and one street light (pole) that will be placed between the four courts. All ground boxes will be supplied by the City.

16. Grade plan is located on page L06 of the Cole Parks Design master plan.

17. Surface Elevation is also found on page L06. **Final court finish will be 4 inches higher than original called out elevation of plans.**

**18. Slot Drain - Drains show on the plan have been removed.**

19. A. water connection (industrial hose hook up) and a drinking fountain are both called for. Please note their location on the layout map. 1 inch poly line (140 Feet) to feed the drinking Fountain. A reducer will also need to be added prior to the fountain. Also include a drain valve for winterizing purpose for the fountain. Salem City has the fountain on site. B. Water specket will be placed in a ground box that will be located in the alley between the four courts. Specket is shown on layout plan.

20. All spoils from this project will be the responsibility of the contractor to dispose of. Salem City will provide a location for clean spoils to be placed on Arrowhead Trail in Salem.

Additional Notes:

1. Court texture should be explained in detail in the bid, by the contractor.

**From Court Diagram**

2. 10' CHAINLINK FENCE AROUND PICKLEBALL COURTS (BLACK VINYL COATED) WITH GATE TO EACH COURT **noted on Court diagram. 8 Gage fuse bonded. 9 gage galvanized core wire. 2 inch diamond link.**

INSTALL CONCRETE CLOSURE STRIP AROUND COURT PERIMETE - **noted on Court diagram.**

4' CHAINLINK FENCE WITH 15' OPENING BETWEEN COURTS - **noted on Court diagram. 8 Gage fuse bonded. 9 gage galvanized core wire. 2 inch diamond link.**

4' FENCE GATE - 8' TALL - **noted on Court diagram. 8 Gage fuse bonded. 9 gage galvanized core wire. 2 inch diamond link.**

4. Salem City will handle all landscape and benches after the project reaches completion.

5. Concrete strip around the outer perimeter of the Post tension Courts should have 10" approved road base/fill. Concrete will be a 4 inch thick finished concrete.

**6. Pavilion - Pad 34' x 36' = 1224 sq feet. Pad 1% from South to North outward. Sloped to the North. 5 inches thick. Pad prep will be part of the bid. 6" inch structural fill / road base. Compaction is required.**

7. All sidewalks that are not part of the post tension concrete shall be 5" thick and have 6" of road base.