WEST VALLEY CITY
Parks & Recreation

Request For Proposals

Woodledge Park

Hard Court Improvement Project

5210 W 4310 South

West Valley City, UT 84120

Prepared By

West Valley City Parks and Recreation Department

I. Summary

The West Valley City Department of Parks and Recreation Department is seeking proposals to redesign and replace court space at Woodledge Park, 5210 West 4310 South. Both of the existing courts are in need of replacement.

Responders to this request for proposals are to review the criteria described in this request and submit a proposal that matches those criteria as closely as possible. All responders must follow the requirements listed herein, have a valid business license, submit proof of insurance if required, and provide a warranty covering workmanship and equipment. Failure to follow any requirement of this request may result in rejection of a proposal.

Any questions should be directed to Jason Erekson, Assistant Parks and Recreation Director, at 801-955-4006, or jason.erekson@wvc-ut.gov.

II. Submission Requirements

Proposals must be returned no later than **10:00 A.M. local prevailing time**, as conclusively established by the clock in the City Recorder's Office, on **Wednesday, November 18, 2026**, All proposals shall be submitted through Bonfire (https://utah.bonfirehub.com) and alternative methods of submission shall not be accepted. Proposals shall reflect the best and most current information and offer. Any questions shall be asked by 10:00 AM on Thursday November 12, 2026 in order to allow responses to be posted 24 hours before bid closing.

All proposals must be clearly marked with the proposal description ("Woodledge Park Hard Court Replacement Project"), company name and authorized representative, and a return address. **All proposals must be signed by an authorized representative of the responder. The signature on the proposal signifies the responder's intent to comply with the terms, specifications, and conditions set forth in this request, unless specific exceptions are explicitly noted on the face of the proposal.**

West Valley City Parks and Recreation reserves the right to reject any or all proposals, to waive any informality or technicality in the City's sole discretion, or to accept any proposal deemed to be in the best interests of the City.

III. Intent of Request for Proposals

The intent of this Request for Proposals is to generally set forth the minimum acceptable requirements for the proposals to be submitted herein. It is the intent of West Valley City Parks and Recreation to choose a proposal based on compliance with the terms of this request. West Valley City Parks and Recreation may choose all, part, or none of the proposals.

IV. Description of Services and/or Products Required

West Valley City Parks and Recreation is soliciting proposals to replace the existing two hard courts at Woodledge Park which are in dire need of replacement. Include a timetable for start up and completion of all work as well as other potentially affected facility areas due the installation process. Work should be completed within 120 days of notice to proceed. Weather days and/or winter shut down will be added to the number of work days as they occur. Failure to complete the project on time can lead to liquidated damages of $300.00 per day.

The Contractor shall furnish all labor, supervision, materials, equipment, tools, transportation, traffic and site controls, testing, incidentals, and related services necessary to complete the court replacement project in accordance with the Contract Documents.
Work generally includes, but is not limited to:

- Demolition and Reconstruction of courts at Woodledge Park, which currently includes 2 courts. Current courts are strictly tennis on the east court and the west is a combined tennis and ½ court basketball court. New design will have a combination tennis/pickleball on the east court and a full court basketball/futsal court on the west court. Area for remodel is shown in Exhibit A.
- Demolition and lawful disposal of existing asphalt court surfacing and any failed underlying materials identified for removal AND/OR description to place post-tension courts over top of existing asphalt courts
- Removal of existing fencing
- New sidewalks/ramps will need to be installed to each court meeting all ADA requirements, please list as an additional bid item. See exhibits for map.
- Protection of adjacent improvements, landscaping, walks, utilities, and site features. Any items that are damaged or needing to be moved will be repaired or handled by the contractor.
- Evaluation of existing base and subsurface conditions
- Fine grading and preparation of subgrade and base
- Installation of new post-tension court surface per industry standard.
- Installation of a perimeter walkway to allow water to leave the court surface on the outside of court fencing.
- Application of court surfacing system, color coating, striping, and texture appropriate for pickleball and basketball play
- Installation or reinstallation of fencing, nets, net posts, center straps, sleeves, footings, and related hardware. Combination basketball/futsal court goals should be Kompan FRE601401 or equivalent.
- Replacement and adjustment of perimeter fencing, gates
- ADA-compliant transitions to adjacent accessible routes, spectator areas, and court entries
- Site restoration, cleanup, punch list completion, startup, and closeout documentation
- Please list features and pricing as line items in order to allow sizing up or down of project if needed.

Please also include the following information for either proposal:

- Conceptual design
- Description and cost of proposed work
- Timeline of work and any potential shut down time (Spring of 2027 preferred)
- References for similar jobs (local preferred)
- Warranty information
- Site visit is recommended, contact Jason Erekson (801-955-4006)

The selected responders shall enter into a contract with the City, which shall include insurance and indemnification requirements. Commercial general liability insurance covering bodily injury liability and property damage liability with a per-occurrence limit of no less than $3,000,000, and a general aggregate limit no less than $3,000,000 as well as commercial auto insurance covering bodily injury liability and property damage liability with a per-occurrence limit of no less than $3,000,000 are required. Additionally, commercial general liability insurance that covers employer liability in an amount not less than $3,000,000 is also required. A performance bond and payment bond equal to one hundred percent (100%) of the guaranteed maximum price naming West Valley City as a third-party obligee shall be required.

It is recommended that all responders visit the site(s) to evaluate and measure the areas. Please arrange this visit by contacting Jason Erekson, Assistant Parks and Recreation Director, at 801-955-4006.

Proposals must provide detailed information on all work performed to have operable courts.

Additionally, include information on general care, maintenance and repair of court surfaces. List at least one facility, with contact information, which has utilized your services similar to this project. Provide all warranty information. If during this process any damages occur to the facility, the successful responder is to make repairs at their cost with no additional compensation.

V. Criteria for Proposal Evaluation

Only proposals submitted by responsible responders as defined by the City Code will be considered. Proposals will be evaluated according to the following criteria. Proposals will be scored in each area, with the score given the weight indicated below.

- Design and specifications and service (20%)
- Final Price (50%)
- Local similar work and references (10%)
- Warranty (10%)
- Work timeline (10%)

As indicated in the attached Preference Form, certain responders are entitled to preference in the proposal process. Any applicable preferences shall be added to the responder's score as

calculated under the criteria above. For example, a responder who achieves a total score of 80% who qualifies for a 2% preference will have a final score of 82%.

VI. Other Important Information

The City reserves the right to, in its sole discretion, reject any and all responses to this Request for Proposals. The City reserves the right to, in its sole discretion, waive any requirement set forth in this Request for Proposals. The City reserves the right to, in its sole discretion, cancel this Request for Proposals. The City reserves the right to, in its sole discretion, negotiate with responders prior to final award.

Response to this Request for Proposals is at the responder's sole risk and expense. The City anticipates selecting one of the responders, but there is no guarantee that any responding proposal will be selected.

It is the City's policy to encourage equal opportunity in the award of contracts. The City endeavors to do business with responders that share the City's commitment to equal opportunity, and will not do business with anybody who discriminates on the basis of race, religion, color, ancestry, age, gender, sexual orientation, disability, medical condition, or place of birth. The City appreciates in advance the efforts that responders will make and looks forward to participating with responders in the selection process.

All responses to this Request for Proposals are subject to the Governmental Records Access Management Act ("GRAMA").

BIDDER PREFERENCE FORM

1.1 PREFERENCES

A. The City grants preferences to certain types of bidders. After reviewing the requirements below, please indicate which preferences apply to this bid.

B. City Provider Preference – the City provides a 1% preference to any bidder who is physically located within City limits.

1. ☐ City Provider preference

C. Other Preferences – the City provides a 1% preference to any bidder who can meet ALL of the following criteria:

1. ☐ Program for veteran hiring and recruitment - To meet this criterion, the bidder must maintain an active program to recruit and employ veterans
2. ☐ Safety – To meet this criterion, the bidder must maintain an active safety training program
3. ☐ Drug testing – To meet this criterion, the bidder must maintain a drug testing protocol in accordance with applicable law
4. ☐ Job training – To meet this criterion, the bidder must maintain an active job training program for employees
5. ☐ Health insurance – To meet this criterion, the bidder must offer health insurance to all full time employees
6. ☐ Nondiscrimination – To meet this criterion, the bidder must have and enforce a policy prohibiting discrimination in accordance with Title 26 of the West Valley City Municipal Code

1.2 OTHER PROVISIONS

A. City reserves the right, in its sole discretion, to verify that a bidder qualifies for any preferences which may be claimed above. If a bid claims a preference but does not qualify for that preference, the City reserves the right to refuse to consider that bid.

EXHIBITS

SECTION 03 3000

CAST-IN-PLACE CONCRETE

PART 1 - GENERAL

1.1 SUMMARY

A. The work to be performed under this section shall consist of furnishing all labor, materials, and equipment to form, pour, finish, and cure concrete walks, curbs and gutters, flat work, retaining walls, footings, mowstrips, and other concrete as per the plans and specifications. The work may include but not be limited to excavation, forming, pouring, finishing, jointing, curing, protecting, removing forms, restoring earth or sod around the edges, and guaranteeing the work.

PART 2 - MATERIALS

2.1 CEMENT

A. The cement shall be Portland Type II cement meeting current AASHTO Designation M-85 Specifications. The supplier and mix of concrete shall not be changed during the complete concrete phase of the project. All concrete shall be Class AA (AE) Type II. A 6.5 bag cement mix shall be used with a slump of 4-inch maximum. The concrete shall have a 6% air entrainment with a plus or minus variable of 1%. All air entraining agents shall conform to the requirements of AASHTO Designation ASTM260. The 28 day compressive strength shall be 4,000 P.S.I.

2.2 AGGREGATE

A. The aggregate shall be well graded from fine to coarse. The fine aggregate shall be uniformly graded meeting the requirements of AASHTO Designation ASTM-C33. The coarse aggregate shall be 1" to #4 conforming to the requirements of AASHTO Designation M-92.

2.3 FIBER REINFORCEMENT

A. Synthetic fibrous reinforcement: Collated, fibrillated with a mix ratio of 1/5 pounds of fiber to 1.0 cubic yards of concrete.

2.4 WATER

A. The maximum water/cement ratio shall be 5 gallons per sack. All water used in mixing the concrete shall be clean and free of oil, alkali, organic matter, or other deleterious substances.

2.5 FILL AND BACK FILL

A. The entire area beneath the concrete shall be excavated to the proper depth to allow for the specified thickness of untreated base course or the area shall be compacted to 95% as measured by a Procter test.

B. All excavated material shall be either re-used on the site or hauled away as specified on the plans.

C. Where untreated base course (free drainage material) is specified, the contractor shall import the required quantities from a local supplier. The contractor shall submit samples of the material to be used to the Inspector 3 days prior to use on the site. The untreated base course shall meet the requirements of Section 301 of the most recent edition of State of Utah Standard Specifications for Road and Bridge Construction. This refers to AASHTO Designations I-90, T-27, T-11, T-19 for mineral aggregate requirements. The gradation shall be for 3/4 or 1" maximum passing through the sieves in the percentages and with the

tolerances shown on page 108, section 301.03 of the State Standard Specifications referred to above. (Base material shall be installed 12" wider than concrete walk width, both sides.)

2.6 FORMS

A. Forms shall be of suitable materials such as wood, plastic, metal, or combinations thereof. Forms shall be of the shape and dimensions shown on the plans and true to line and grades specified. All forms shall be free from knotholes, loose knots, cracks, splints, warps, or other defects affecting the strength or appearance of the finished product. All forms shall be free of bulges and warping. They shall be cleaned thoroughly before they are used on this project. There shall be no split holes, bolts, or nuts on the final concrete surface when the forms are removed.

B. If at any stage of work, during or after placing the concrete, the forms sag or bulge the affected concrete shall be removed. Exceptions may be taken by the Inspector if the concrete is going to be covered with earth.

PART 3 - EXECUTION

3.2 JOB SITE CLEANLINESS

A. All debris shall be removed from the inside of the forms prior to placement of any concrete. Placement operations may be postponed when in the opinion of the Inspector rainfall, excessive wind, low temperatures, wet spots, or the base is not sufficiently compacted. The Contractor shall take all necessary measures to protect the concrete after placement to prevent rain, graffiti, or other damage to the surface.

B. Concrete mix trucks shall be routed to each pour over areas where the least possible damage will occur to the existing sprinkler irrigation system, utilities, lawn, or plant materials. The Contractor shall be responsible for repair of damage done by the concrete mix trucks and any other vehicles involved in these operations.

C. The concrete shall be spread in horizontal layers insofar as practical and only of the thickness that can be satisfactorily hand worked or compacted with vibrators and other such equipment.

D. The concrete shall be deposited as near the final resting place as possible so as to minimize working it and to prevent separating the ingredients.

E. The concrete slope shall be 1" per 10' or 1% in the direction of the natural grade or as indicated on the plans. Flat work will have not more than a 1/8” difference in a 20’ radius.

3.3 SAMPLING AND TESTING

A. All concrete shall be sampled and tested in accordance with AASHTO Designation T-141 for air entrainment, slump, and strength. The Contractor shall have the test made at the appropriate times and places. All test results shall be sent to the Owner by the testing laboratory at the Owner’s expense.

1. Slump Test: Slump tests shall be made in accordance with AASHTO Designation T-119. If a slump test does not meet the specifications, a second slump test shall be made immediately on the same load. The load will be accepted or rejected from the site by the inspector depending on the results of the second test.

2. Air Entrainment: Air entrainment tests shall be made in accordance with AASHTO Designations T-152. If an air entrainment test does not meet the specification, a second test shall be taken immediately on the same load. The load will be accepted or rejected from the site by the Inspector depending on the results of the second test.

3. Compression Tests: Making, curing, and determining compressive strength of concrete cylinders shall be in accordance with AASHTO Designation T-22 and T23.

Compressive strength shall be determined from "Strength Tests" in which the average of three standard cylinders shall constitute one strength test. Cylinders for strength tests shall be taken by the testing laboratory, which will also inspect the batching procedure to ascertain compliance with the mix design.

If any individual strength test is below 4,000 PSI, the concrete may be accepted by the project Owner after reviewing the circumstances. The price the Owner shall pay for the concrete will be reduced in accordance with the following schedule:

PSI Below Specified Strength Specification	Pay Factor (Percent)
1-100	98
101-200	94
200-300	88
301-400	80

4. Proctor Tests: Compaction of the natural or imported base shall be tested in accordance with AASHTO Designation T-191. All testing procedures and any additional tests which may be required shall follow those specified in the most recent edition of State of Utah Standard Specifications for Road and Bridge Construction.

B. All costs incurred in sampling and re-sampling, testing and retesting shall be paid by the Owner.

C. All batching and mixing procedures shall be followed based upon the West Valley City Public Works Specifications as related to the most recent edition of the State of Utah Standard Specifications for Road and Bridge Construction

3.4 FINISH

A. Unless specified on the plans, the finish for all concrete flat work shall be a non-skid surface by medium brooming.

3.5 JOINTING

A. Joints shall be placed in the concrete by the Contractor so as to control and minimize cracking. Normally the Contractor shall follow the jointing patterns shown on the plans or submit a drawing showing recommended changes for approval by the Owner.

1. Control Joints: Shall be every 10 feet in curb and gutter. Sidewalk joints shall be in linear feet equal to the width of the walk (for example, a 6-foot wide walk shall be scored every 6 linear feet.) Slab work shall be jointed a maximum in feet of 2 -1/2 times the thickness of the concrete in inches (for example, the joints would be less than 15 feet apart for a slab 6 inches thick) and never more than 15 feet apart - for a 4" slab, between 8 - 10 feet.

   The control joints shall be a depth of 1/4 the thickness of the slab. Control joints shall be made before shrinkage cracking occurs. All control joints shall be continuous across the concrete except where interrupted by a post, wall, joint, or other obstacle.

   Control joints shall be tool cut (within 24 hours of pour), filled with an exterior weather sealant, and then a one part polyurethane sealant such as Chem-Calks 900. They may be hand formed with a deep cut wand tool with 1/4 radius round edges.

2. Construction Joints: Shall be created longitudinally by the edges of paving or transversely at the end of each days work. A key way shall be formed by fastening a key of wood, plastic, or PVC to the form of the first slab. The thickness of the key

way shall be 1/5 of the thickness of the slab. The edges shall be rounded 1/4" radius, never on slabs less than 6" thick. Use a release agent on wood formed key ways and 50' or less on walkways.

3. Isolation Joints: Shall be created at junctions of new and existing pavement, at buildings, or other abutting objects. A 1/2" expansion joint material (full depth) shall be placed against the existing object to prevent bonding.

3.6 WINTER CONCRETE

A. When outside temperatures reach 35 degrees Fahrenheit, a 7-1/2 bag mix shall be used; heated water shall be used in the concrete mix. Heaters shall be used to heat the aggregate to a temperature of 70-150 degrees Fahrenheit. The aggregates shall be uniformly heated and the development of "hot spots" shall be avoided. The temperature of the mixed concrete shall be 60-90 degrees Fahrenheit. A straw blanket shall be used on all surfaces. Concrete shall not be poured on frozen ground and shall meet A.C.I. 305 and 306 requirements for hot and cold weather precautions. Concrete temperature must be maintained at 50 degrees Fahrenheit or greater but never more than 90 degrees Fahrenheit for 7 days.

B. Any additional costs associated with using winter concrete mixes and installation/curing methods shall be borne by the contractor.

3.7 CARE AND CURING

A. All concrete shall be cured for a minimum of 7 days before heavy loads may be placed upon it. Care shall be taken by the supplier and the contractor to prevent too rapid curing and the improper aging of the concrete. Materials such as burlap mats, hay, straw, polyethylene, and water shall be used if necessary.

B. After pouring and during the curing process, the contractor shall see that no initials or other unnecessary marks are made into the surface. The Contractor shall replace any section containing permanent marks at the completion of the project. Prior to that time, the Contractor may grind the surface or take measures to erase any permanent marks in a section if approved by the Owner.

3.8 **FORM REMOVAL**

A. After the concrete is cured, all forms, stakes, and fastening materials shall be removed from the concrete. Care shall be taken to protect the edges from chipping and to prevent damage to the concrete during removal.

B. All forming materials shall be taken from the site as soon as possible after removal. The area taken up by the forms shall be filled with approved backfill, if needed, and compacted so that top soil shall be placed on top to meet finished grade. If the area is in existing lawn, the sod shall be removed back from the edges of the concrete the standard width of new commercial sod. Then new commercial sod shall be laid full width along the edges of the new concrete until all areas are repaired. The finish grade against the concrete shall be 1 to 1-1/2" below the top of the concrete for sod, 1" for seed.

3.9 CLEAN-UP

A. Upon completion of the concrete work, the entire affected area shall be cleaned up by the Contractor. All wood, forms, stakes, rocks, sod, and other extraneous material shall be removed from the premises.

3.10 GUARANTEE AND REPLACEMENT

A. The Contractor shall guarantee all concrete materials, labor, and workmanship for 1 year following final completion. Cracks in the concrete shall be routed out and filled with exterior weather sealant.

END OF SECTION

SECTION 32 1323

POST-TENSIONED CONCRETE PAVING

PART 1 - GENERAL

1.1 WORK INCLUDED

A. The contract work to be performed under this section consists of furnishing all required labor, materials, equipment, implements, parts and supplies necessary for, or appurtenant to, the site preparation and grading of tennis courts.

B. Construction of a 4" thick post-tensioned concrete slab with 12" perimeter beam in accordance with these specifications.

OR

C. Pre-cast post-tensioned slab system

1.2 SHOP DRAWINGS AND SUBMITTALS

A. The contractor shall be responsible for the preparation of structural design drawings of the post-tension play court slabs.

B. The contractor shall submit five (5) sets of structural drawings and the associated structural calculations to the Owner's Representative for their records. The shop drawings and calculations shall be prepared and stamped by a structural engineer licensed by the State of Utah. The structural engineer shall have a minimum of 5 years experience in designing similar projects. The owner's representative shall review and approve the shop drawings prior to construction of the play courts. The District's review and approval of the shop drawings does not relieve the contractor of providing structurally sound concrete play courts slabs.

C. This specification section is performance based. If the design recommendations of the contractor's structural engineer conflict with this specification, the structural engineer's recommendations shall take precedence.

D. Pre-cast post-tensioned slab system – submit for approval prior to bidding.
1. Shop Drawings
2. Structural Calculations
3. Performance Data

PART 2 - PRODUCTS

2.1 SUBGRADE MATERIAL

A. The existing subgrade material shall be used or conditioned as specified by a soils engineer.

2.2 FINE GRADE MATERIAL

A. Fine grade base material shall be approved compactable, free drainage base material (sand, fine gravel, etc.).

2.3 TENSIONING CABLES AND ANCHORS

A. Post-tensioning strands and anchorages shall conform to the "PTI Guide Specifications for Post-Tensioning Materials."

B. The tensioning strands shall consist of one-half inch (1/2") diameter, 7-wire, stress relieved strands, having a guaranteed ultimate tensile strength of 270,000 psi (270 Kips). Strands shall conform to ASTM-416. Cables shall be fabricated to proper length for each slab, coated with a permanent rust preventative lubricant and encased in slippage sheathing. All breaks in the sheathing shall be repaired with tape prior to concrete placement. A maximum of six inches (6") exposed strands is permitted at the dead-end anchor.

2.4 CONCRETE COMPRESSIVE STRENGTH

A. Unless specified otherwise by the contractor's structural engineer, the concrete shall have a compressive strength of not less than 4,000 psi after twenty-eight (28) days. Ready-mixed concrete shall be mixed and delivered according to ASTM C-94 specifications for ready-mixed concrete with a five-inch (5") maximum slump. Mix design as follows: cement – type 2, six sack unit weight – 140.03 lbs. per cubic foot, air entrainment – 6.0% (±1%), water/cement ratio – 0.50/1).

B. Contractor will order and coordinate concrete batch and break test for post-tension slab.

PART 3 - EXECUTION

3.1 SUBGRADE

A. A minimum of four-feet (4') of soil will be removed below stiffening beam. It will be moisture conditioned and recompacted per geotechnical report.

B. The area will be graded to the required depth to accommodate the base and concrete thickness and provide a uniform one percent (1%) slope at plus or minus one tenth of a foot (0.1') in one plane. All fills will be placed in six-inch (6") layers and will be compacted to ninety percent (90%) standard density at optimum moisture. The contractor will alert the owner of soft spots or structures that could affect the stability of the slab.

C. The site preparation will be done so as to provide positive drainage away from the play courts and, if needed, to provide intercepting swales to prevent drainage onto the court.

3.2 FINE GRADE

A. The base material shall be placed with automatic laser-regulated equipment capable of providing a true accurate to plus or minus one-quarter (1/4"). The depth of the fine grade base material shall be sufficient to develop a one-quarter inch (1/4") accuracy.

3.3 FORMING

A. Forms shall be accurately set to the lines and to plus or minus one-quarter inch (+1/4") of finished grades indicated on drawings and be securely staked to prevent settlement or movement during placement of concrete. Forms shall remain until concrete has taken final set.

3.4 TENSIONING CABLES AND ANCHORS

A. Unless specified otherwise by the contractor's structural engineer, cables shall be supported on chairs and loosely tied two inches (2") high at all intersections (too tightly tied, tendon friction will increase when tensioning) to prevent vertical and horizontal movement during concrete placement. Strands shall be placed with no greater spacing than two feet six inches (2' 6") on center for lengths over 100' and 3' 4" on center for lengths under 100'.

B. The perimeter beam cross section is to be 12" x 12". Cable ends are to be anchored approximately 4" below surface of the slab. One continuous #4 grade 60 bar lies longitudinally around the court beam directly inside the cable anchor on top of the cables. Overlapping should be at a minimum of 30 bar diameters.

3.5 JOINTS

A. Unless specified otherwise by the contractor's structural engineer, there shall be a keyed construction joint between each court or at net line, plus or minus one foot.

3.6 CONCRETE PLACING

A. Unless specified otherwise by the contractor's structural engineer, a full court shall be placed in one (1) continuous operation without intervening joints of any kind. The four inch (4") thick slab will be placed with a sixty-foot (60') mechanical screed or larger capable of providing a surface true to three-eights (3/8") of inch at a 1% slope. Contractor to provide sufficient manpower to ensure the uniform distribution of concrete ahead of the screed, and will not allow substantial build-up of concrete on leading edge of screed. Concrete to be smoothed immediately behind the screed with a bull-float capable of reaching all surface areas.

B. Concrete to be placed in accordance with ACI specifications for Hot Weather and Cold Weather placement. Concrete reaching 90 minutes past batching time prior to placement will be rejected.

C. Finish surface shall not have a water holding area greater than 1/8" deep (cover a nickel). This is to be determined by flooding the court with water, allowing it to drain for one hour on a 70 degree or warmer day.

3.7 FINISHINGS

A. Following dissipation of bleed water from surface of concrete, finishing operations can begin. Concrete to be finished with a minimum of two (2) passes with a power trowel. Concrete shall be textured with a light broom finish. Edges shall be finished with ½" radius edger.

3.8 TENSIONING OPERATIONS

A. After the forms are removed and the concrete has set to a minimum of 2,000 psi, the tensioning procedure may be applied approximately one (1) week later. Each tendon may be tensioned to a maximum of eighty percent (80%) ultimate breaking strength, and anchored at a minimum of seventy percent (70%) ultimate breaking strength.

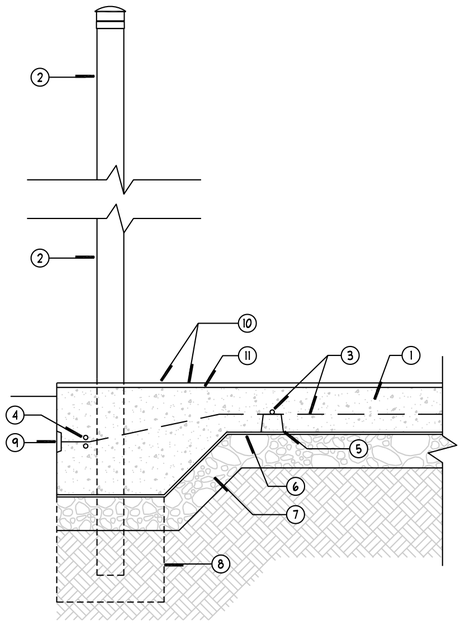
Ultimate Breaking Strength	80%	70%
41,300 psi	33,000 psi	28,900 psi

B. Unless specified otherwise by the contractor's structural engineer, the cable ends shall be cut off and cone holes grouted flush with edge of slab. Grout shall be non-shrink grout.

3.9 CURING

A. Immediately after finishing, the concrete shall be kept moist by covering with polyethylene

END OF SECTION



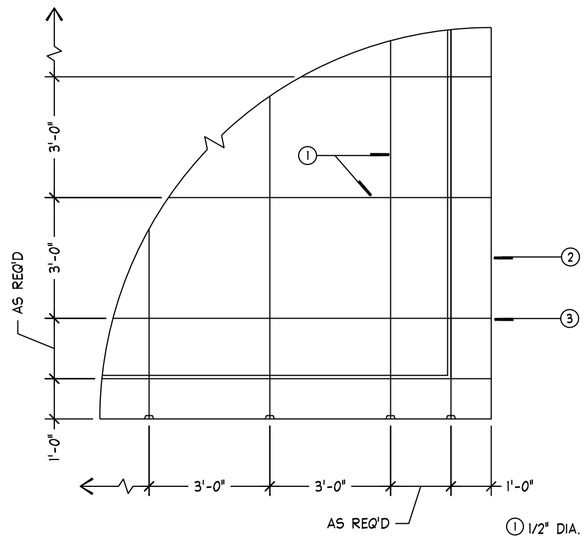
1. POST-TENSIONED CONCRETE SLAB - 5" THICK, MIN.
2. CHAIN LINK FENCE POST
3. 1/2" DIA. TENDONS/CABLES
4. #4 REBAR, CONT. TIED IN AT ANCHOR ABOVE AND BELOW
5. 2" CHAIR @ EVERY CABLE CROSSING
6. 6 MIL. VAPOR BARRIER
7. 4" COMPACTED ROAD BASE OVER COMPACTED SUBGRADE
8. FENCE POST FOUNDATION BEYOND
9. FLUSH CONCRETE MORTAR PATCH ALL CABLE ANCHORS AFTER FINAL TIGHTENING
10. TWO COATS ACRYLIC COLOR W/ SILICA SAND. 2-TONE COLOR SELECTED BY OWNER.
11. ONE COAT ACRYLIC SURFACER W/ SILICA SAND

NOTES:

1. SLAB GRADIENT SHALL BE BETWEEN 0.83% AND 1%
2. REPLACE CABLES DAMAGED DURING CONSTRUCTION
3. INSTALL WIND SCREEN ON NORTH AND SOUTH FENCING.

A TYPICAL PERIMETER BEAM AND SLAB

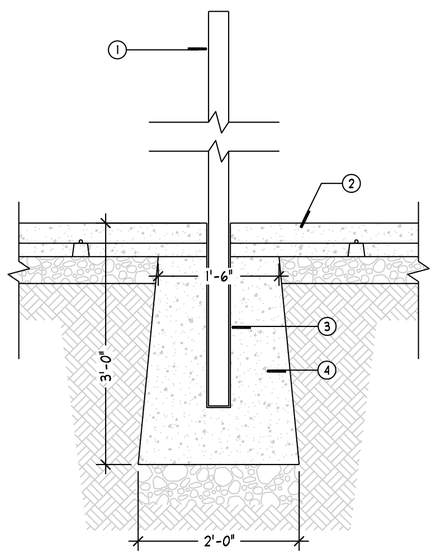
SCALE: 1" = 1'-0" SECTION



1. 1/2" DIA. TENDONS/CABLES
2. EDGE OF POST-TENSIONED SLAB
3. CABLE ANCHOR - TYP.

B TYPICAL TENDON/CABLE LAYOUT

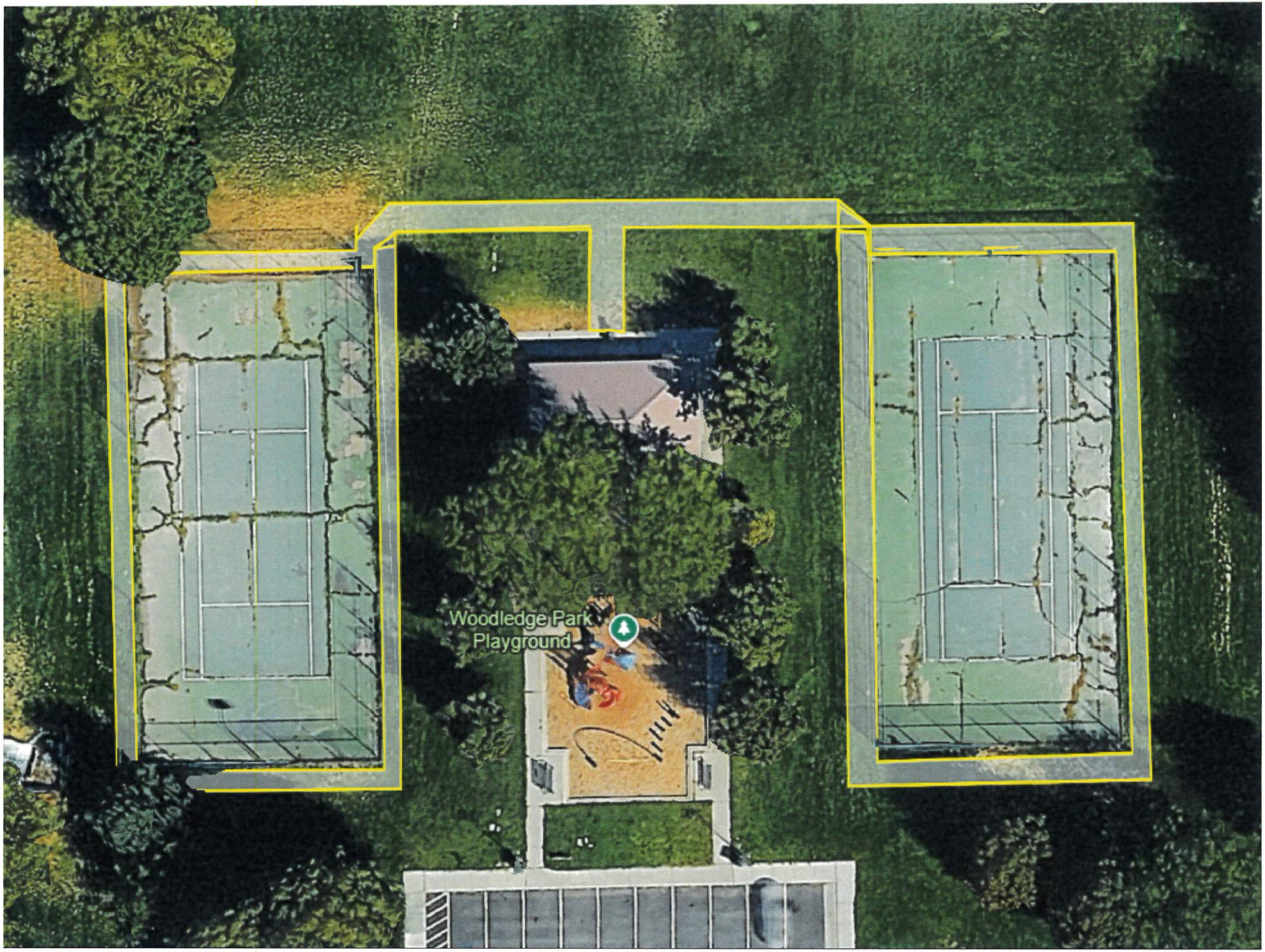
SCALE: 3/8" = 1'-0" PLAN



1. PICKELBALL NET POST
2. POST-TENSIONED COURT SLAB
3. REMOVEABLE NET POST SET IN GALV. STEEL PIPE SLEEVE
4. CONCRETE FOOTING

C TYICAL NET POST FOOTING

SCALE: 3/4" = 1'-0" SECTION


Woodledge Park
Playground