South Whidbey Parks & Recreation District

For

South Whidbey Pickleball Courts and Improvements

Addendum Number 2

June 26th, 2025

To: Planholders
Transmitted: (23) 8.5" x 11" project manual pages and (2) 22" x 34" drawing sheets

General

1. The following revisions are hereby made a part of the Contract Documents. Please be sure to acknowledge all Addenda on the Bid Form.

Project Manual

Note: Replace each specification section in its entirety. Items that have been revised by Addendum 1 are indicated in bold italic font. Deleted language is NOT indicated.

1. Delete Section 11 66 25 – PADDLE COURT EQUIPMENT and replace with attached Section 11 66 25 – PADDLE COURT EQUIPMENT.
2. Delete Section 31 20 00 – EARTH MOVING and replace with attached Section 31 20 00 – EARTH MOVING.
3. Delete Section 32 31 13 – CHAIN LINK FENCING & GATES and replace with attached Section 32 31 13 – CHAIN LINK FENCING & GATES.

Plans

Note: Replace each drawing sheet in its entirety. Items on each drawing sheet that have been revised by Addendum 1 are indicated by revision clouds and A1 revision triangles.

1. Delete Sheet C5.0 and replace with attached Sheet C5.0.
2. Delete Sheet C5.2 and replace with attached Sheet C5.2.

Bidder Questions & Responses

9. Question: Is there on-site water available, and if so what is the connection type?
   Response: No water is available at the project site. The South Whidbey Sports Complex property has a water connection at an on-property well. The Park District can accommodate filling of a water truck if needed.

10. Question: Can the parking lot be used for a laydown area or for stockpiling, truck and trailer staging, and other contractor uses?
    Response: The successful Bidder can use the lower lot for staging until September 3rd. This is when the District's soccer season and games

start. After September 3rd, the lower lot is available on a limited basis but must be fully open to the public on weekends. The District can work with the contractor if more space is needed in different parts of the park.

11. Question: SW parks is providing the construction road and entrance. Will SW Parks also be responsible for cleaning and maintenance of the existing asphalt surfaces if the entrance is sufficient to stop track out?
Response: Yes, the District will be responsible for cleaning and maintenance of existing asphalt surfaces if the entrance is insufficient to stop track out. However, the successful Bidder will be responsible for cleaning and maintenance of existing asphalt surfaces used for staging, laydown, and all other contractor uses. The contractor shall conduct their work to minimize track out and shall immediately alert the District in writing if track out is observed.

12. Question: Plan Sheet L1.0 describes alternate bid item #3 for sod in lieu of grass in seeded areas, but this work is not described in the bid form summary, please clarify if included.
Response: Sod in lieu of seeding is NOT included as an alternate bid item. Sheet L1.0 was revised and reissued as part of Addendum 1.

13. Question: Bid sheet lists alternate #2 payment as "per lump sum" but the quantity is "630 LF", please clarify
Response: Payment for Alternate Bid Item #2 will be per lump sum, NOT a unit cost per linear foot. The linear foot quantity is provided for reference only in determining the lump sum amount.

14. Question: Addendum #1 Question/Response #8 states that the bidder is responsible for calculating all earthwork quantities and balancing cut/fill "within the parameters of the Geotechnical Report". What parameters are being referenced here?
Response: The parameters refer to the Conclusions and Recommendations, including Site Preparation and Earthwork, Fill and Compaction (with a special emphasis on the recommendations for reuse of on-site soil), Wet Weather Earthwork, Parking Lot Subgrade Preparation, as well as careful examination of the soils indicated in the Log of Test Pits and throughout the report.

15. Question: No export is described in the bid documents and the notes for on-site disposal reference "all material". How will contractors be compensated if there is excess fill material which necessitates haul/disposal?
In the event that excess fill material necessitates haul and off-site disposal, the Contractor will be asked to submit a Change Order Proposal with pricing backup detailing the quantity of material proposed for export as well as the labor, haul, and disposal fees associated with the work. The

District will review and approve the cost of this change prior to performance of additional haul and off-site disposal.

16. Question: Section 01 37 00, Paragraph 1.03 (J): Can you please speak to the intent of this section? Extremely broad and all encompassing.
Response: Section 01 35 00, Paragraph 1.03 (J) describes the Contractor's responsibility to furnish and install pavement/crushed surfacing to maintain traffic circulation during construction. No pavement/crushed surfacing to maintain traffic circulation during construction will be required for this project.

17. Question: Section 01 37 00, Paragraph 1.04 (b): Define "clean" for the purpose of this section
Response: For the purpose of this section, "clean" means free from construction debris, waste, and equipment. As described in the response to Question #11 (above), the District is responsible for cleaning track out not stopped by the construction entrance. The Contractor is responsible for immediately notifying the District in writing if track out is observed.

18. Question: Section 01 43 00, Paragraph 1.05 (a) (b): Please clarify owners responsibility for the following tests: Compaction & Composition of Fill / Native Soils
Response: The District will engage, and pay for, third party inspection agency to perform quality assurance testing as described in Section 31 20 00, Part 1.3.

19. Question: Section 01 50 00, Paragraph 1.12 (a): Is a site phone necessary, or will a personal cell phone suffice this requirement
Response: A personal cell phone carried by the site superintendent or other key personnel is sufficient, provided that that person is on site and available whenever construction work is occurring on the site.

20. Question: Section 01 50 00, Paragraph 1.13 (a): Confirm there will be no access to municipal water on the jobsite
Response: There will be NO access to municipal water on the jobsite. See the response to Question #9 (above) for more information.

21. Question: Section 02 41 30, Paragraph 1.02 (G): Define intent here. No new trees are to be planted and existing work area is vegetated (grass). This seems overarching and broad.
Response: No trees or shrubs are present on the project site, so there are no construction maintenance requirements for those vegetation types. All existing lawn areas impacted by construction operations and/or enclosed by construction fencing shall be maintained by the Contractor throughout construction and shall be restored to a full, healthy stand of grass prior to final acceptance.

22. Question: Section 11 66 25, Paragraph 2.3 (A)(1): Specification calls for "sw-36 tennis post". Douglas Industries commented that this is perhaps a typo and "tennis" should be "pickleball". Please clarify.
The posts will be Douglas Deluxe SW-36 Pickleball Posts (#63079) and the nets will be Douglas PN-30 Pickleball Net (#20103). A corrected version of Section 11 66 25 – PADDLE COURT EQUIPMENT is attached to this Addendum.

23. Question: Section 31 20 00, Paragraph 1.3 (c) (1): Can this requirement be amended to be "provide within 24 hrs notice". This is expensive equipment and while it is present during grading, its not the type of unit to be left.
Response: The Contractor shall NOT be required to provide the Owner's Representative with a Laser Lever or GPS Unit. A revised version of Section 31 20 00 – EARTH MOVING is attached to this Addendum.

24. Question: Appendix A: Geotechnical Report: Project description identifies the parking area to be " 2.5-inch-thick asphalt surface". C5.0 / 1 shows 3" Pavement. Confirm Geotech recommendations / findings are not affected by error in project description
Response: The Geotechnical recommendations are minimum requirements and informed the design pavement cross-sections. The Contractor shall install 3" thick HMA Pavement per the Plans.

25. Question: I am seeing on the drawings in several places as well as the specs that the chain link fabric is 9 gauge. Is the chain link fabric planned to be galvanized 9 gauge core with black coating making it 6 gauge finish or galvanized .104 core with black coating making it 9 gauge finish? I see only 1 detail on page C5.2 near top right of page saying 6 gauge 2x2 mesh fabric.
Response: 9 gauge core per Specification Section 32 31 13, Paragraph 2.1(B) "the wire gauge specified for polymer-coated wire is that of the metallic coated steel core wire. The 4ft tall chain link fence shall be the same core gauge. A corrected version of Sheet C5.2 is attached to this Addendum.

26. Question: For the court divider fences, as well as the perimeter fence (if not on the concrete curb), our typical for post installation would be to jackhammer the HMA pavement, excavate the dirt for the post holes and fill with concrete to be flush with the surrounding pavement, is this acceptable?
Response: HMA pavement must abut all fence posts per the Plans, except where a concrete perimeter curb is shown. Concrete footings exposed at finish grade is not acceptable.

27. Question: I also seen in the Addendum 1 Bidder's Questions & Responses, Question #1 regarding the 4" posts for ends and corners and understand the 2

7/8” in the drawings is the correct material. Are the gate posts 2 7/8” as well? Or do they need to be 4”?
Response: Fence & Gate posts shall be sized per the Plans. A corrected version of Section 32 31 13 is attached to this Addendum.

End of Addendum Number 2

PART 1 - SUMMARY

1.1 SUMMARY

A. The Work of this Section includes, but is not limited to providing new nets, net post, center net anchors, and other miscellaneous equipment described in the Drawings.

1.2 REFERENCES

A. References used in this section are generally accepted industry standards. The most recent, published edition (including amendments) at time of bid applies.

1. WSDOTSS: Washington State Department of Transportation Standard Specifications for Road, Bridge, and Municipal Construction

B. Comply with the applicable requirements of the following standards – most recently published edition at time of Bid applies.

1. American Sports Builders Association
2. USA Pickleball Association (USPA)

1.3 SUBMITTALS

A. Manufacturer's product data including, but not limited to shop drawings, metal fabrications, assemblies, cut sheets, and color charts.

B. Shop Drawings of the manufacturers recommended product installation details and foundation requirements.

1.4 PROTECTION

A. Protect all equipment until final acceptance, whether installed or not, specified under this section from damage by any cause whatsoever, including subsequent construction activities and vandalism until final acceptance.

B. Protect all work installed under this section from any cause whatsoever, including subsequent construction.

1.5 QUALITY ASSURANCE

A. Manufacturers' warranties shall be passed to the Owner and certification made that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

PART 2 - PRODUCTS

2.1 MISCELLANEOUS CAST-IN-PLACE CONCRETE

A. Concrete footings shall be as specified in Division 3 – Concrete, Cast-in-Place Concrete.

2.2 HARDWARE

A. All metal hardware including nails, screws, bolts, deformed bars for connections, threaded rod, anchor bolts, nuts, washers – shall be hot-dipped galvanized unless otherwise noted.

B. All bolts, threaded rods and anchor bolts conform to ASTM A-307, Grade A, unless otherwise noted.

C. Hex head and nut on all bolts and threaded rods unless otherwise indicated.

D. All bolts and threaded rods shall have standard cut washers of respective size.

E. Unless otherwise indicated, bolts to have washers at each end.

F. Galvanized steel bolts, rods, etc. shall have galvanized steel washers and nuts.

G. Hardware not noted by size shall be sufficient to draw and hold members securely.

2.3 PICKLEBALL NET POSTS, NETS, AND NET ANCHORS

A. Pickleball Net Posts
1. Douglas ***Deluxe SW-36 Pickleball Posts*** as manufactured by Douglas Industries, Inc.
   a. 3441 S. 11th Ave., Eldridge, IA 52748
   b. 800.553.8907
   c. www.douglas-sports.com.

2. Dummy and Take-Up Post Specifications:
   a. 2 7/8” OD Round
   b. 8-gauge, Allie’s Zinc Flo-coat Galvanized Steel with internal wind 30:1 self-locking gears.
   c. Welded lacing rods.
   d. Die-cast zinc caps and gear housings.
   e. Polyester powder coated finish.
   f. Color shall be Black, ***#63079***.

B. Pickleball Net Post Ground Sleeves
1. Douglas Industries, Inc. Aluminum Ground Sleeves:
   a. GS-24RD/AL #63171, for 2-7/8” O.D. net posts.

C. Pickleball Nets
1. Douglas Industries Model ***PN-30 Pickleball Net***, #20103
   a. Net dimensions shall be ***31”*** high by 21’-9” long meeting USPA requirements.

b. 65 oz (20 oz./sq. yd.) 2-Ply polyester headband, lock sewn with four rows of #23 polyester thread.
c. Headband shall have a 5/32 in. vinyl coated, galvanized steel cable with a 230 lb. break strength.
d. ½ inch dia. fiberglass side dowels and lacing cord.
e. Netting is 1-3/4" square mesh braided solid core polyethylene, unsurpassed for durability and weather resistance. 3.0 mm netting with 285 lb. break strength.
f. Side and Bottom Tape: Polyester-based vinyl bottom tape and side pockets of headbands.
g. Tapes shall be double lock-stitched with black polyester thread.

D. Center Net Anchor and Strap

1. Anchor: 1.66 O.D. heavy wall zinc coated steel with zinc-plated bolt and nut, equal to Jaypro Sports A-2, Tennis Center Strap Anchor (800) 243-0533.
2. Center Strap: Douglas Industries Classic ACS Adjustable Center Strap, non-slip reverse web slide with double ended snap. Made from heavy-duty 2″ polyester white web and nickel-plated web slides and snap.

PART 3 - EXECUTION

3.1 NET POSTS, NET ANCHORS, AND NETS

A. Stake alignment and locations of all site improvements for review by Owner's Representative prior to installation. Incorrectly located work shall be removed and replaced by the Contractor at no additional cost to the Owner.

B. Install Pickleball Court Posts, Nets, and Center Anchors, in accordance with the Contract Documents and manufacturer's specifications.

C. Install rigid, plumb, and true to lines and levels shown. Verify that all elements called for in this Section "fit" according to the Drawings and existing site features.

D. Assemble (if required) and install all equipment specified by name/manufacture as per approved manufacture's printed instructions/recommendations.

E. Provide two (2) removable tension cable handles to Owner.

END OF SECTION

PART 1 - GENERAL

1.1 SUMMARY

A. The work for this Section includes all earth moving activities required to provide finished and acceptable subgrade, and finished and acceptable finish grade, including not necessarily limited to the following:

1. Excavation; import of materials; on-site disposal of unsuitable or excess materials; placement of on-site or imported materials; rough and finish grading; establishing subgrade and finish grade in compliance with Contract Documents; cutting; excavation; filling; backfilling; dewatering; and compaction of all materials required to attain indicated grades, meet the required tolerances, and achieve the compaction levels specified.
2. Coordinate earthwork operations with other work of the project.
3. Accomplishing indicated and required stripping, excavation, filling, compaction, sub-grade preparation, rough and finish grading for all construction activities described in the Contract Documents.
4. Excavate trenches as specified herein and as described in the Contract Documents for water, storm drains, foundation drains, sanitary sewers, electrical work, and other work as shown on Drawings.
5. Backfill trenches with products specified by the WSDOTSS, as necessary for water, storm drains, foundation drains, sanitary sewers, electrical work, and other work as shown on Drawings.
6. Remove and dispose off site materials from all earthwork, trenching, and excavations that cannot be re-used on site as described herein, or do not meet the WSDOTSS specifications for any Products specified herein.
7. Import additional materials as necessary to complete the work of the Contract Documents.
8. Dewatering including providing, operating, maintaining, and removing temporary dewatering systems for controlling surface water in the construction area.
9. Preparing subgrades for slabs-on-grade, curbs, walks, ramps, steps, pavements, synthetic turf, turf and grasses, and plants.
10. Excavating and backfilling for buildings and structures.
11. Aggregate base for concrete curbs, walks, walls, and pavements.
12. Aggregate base for asphalt paving.

1.2 REFERENCES

A. References used in this Section are generally accepted industry standards. The edition of the criteria cited shall be the most recent, published edition, including amendments at the time of Bid.

1. All Work shall comply with Washington State Department of Transportation Standard Specifications for Road, Bridge, and Municipal Construction (WSDOTSS).

2. AASHTO T180 - Moisture-Density Relations of Soils Using a 10 lb. (4.54 kg) Rammer and an 18-in. (457 mm) Drop.
3. ASTM C136 - Method for Sieve Analysis of Fine and Coarse Aggregates.
4. ASTM D698 - Test Methods for Moisture-Density Relations of Soils and Soil-Aggregate Mixtures, Using 5.5 lb. (2.49 Kg) Rammer and 12-inch (304.8 mm) Drop.
5. ASTM D1556 - Test Method for Density of Soil in Place by the Sand-Cone Method.
6. ASTM D1557 - Test Methods for Moisture-Density Relations of Soils and Soil-Aggregate Mixtures Using 10 lb. (4.54 Kg) Rammer and 18-inch (457 mm) Drop.
7. ASTM D2167 - Test Method for Density and Unit Weight of Soil in Place by the Rubber Balloon Method.
8. ASTM D2419 - Test Method for Sand Equivalent Value of Soils and Fine Aggregate.
9. ASTM D2434 - Test Method for Permeability of Granular Soils (Constant Head).
10. Methods (Shallow Depth).
11. ASTM D3017 - Test Methods for Moisture Content of Soil and Soil-Aggregate Mixtures.

1.3 QUALITY ASSURANCE

A. Examination:

1. Visit site, and thoroughly review all plans and specifications prior to bidding to understand the nature of the existing site, materials required, and other conditions affecting the work, which are required to provide a fully acceptable subgrade and finish grade as described in the Contract Documents.

B. Subsurface Information:

1. The Geotechnical Report performed for this project is provided as a courtesy for Contractor’s use and is included in the Appendices.
2. The Report include the results of the limited testing performed by the Owner to determine the general nature of existing soils and subsurface conditions only in the areas of the site the tests were performed and may not match the actual soil and subsurface conditions in any areas other than in the specific locations of each test.
3. Contractor shall be solely responsible for determining the potential impacts upon the means and methods required to achieve conformance with the Contract Documents.
4. Additional tests and other exploratory operations may be performed at the Contractor’s option; however, coordination with the Owner and payment for testing shall be solely the Contractor's responsibility.

C. Tolerances:

1. Contractor is required to measure all subgrades and finish grades using Survey Grade Global Positioning System (GPS), laser technology, or a combination thereof.
2. Finish Subgrade Elevation for pavements:
   a. Finished and compacted subgrades and finished earthen surfaces - plus or minus 0.10 foot from the specified plan grade, measured from any point located in the graded area.

b. Sport courts: Plus or minus 0.05 foot from the specified plan grade, measured from any point located in the graded area.

D. Testing for Conformance

1. It is the sole responsibility of the Contractor to notify the Owner's Representative when, in their opinion, completed subgrade and/or finish grade conforms to the specified tolerances, and is ready for inspection.
2. Do not allow or cause any of the Work performed or installed to be covered or enclosed, or disturbed, prior to testing for conformance.
3. Should any of the Work be enclosed, covered up, or disturbed before it has been tested, uncover and/or restore to pre-disturbed condition all such Work, at Contractor's expense.
4. Owner reserves the right to utilize the GPS unit provided by the Contractor, to "field-check" any or all elevations.
5. Owner shall also perform a "string test" to measure finish grade and subgrade compliance with specified tolerances as follows:
   a. Using a string line stretched tautly and transversely across the sports fields and sport courts.
   b. Owner shall then measure the vertical distance from the string line to the completed grade, at various points along the string line, from one side of the surface to the other.
   c. Low areas indicated by a gap between the finished surface and the string thicker than the end digit of the Owner's Representative's index finger shall indicate noncompliance.
   d. Areas where high spots prevent the string from lying gently along the finish grade indicate noncompliance.
   e. Owner's Representative shall make additional tests as required to indicate the general limits of the high and low spots, and shall use marking paint provided by the contractor to outline the limits of the noncompliant area.
   f. Contractor shall add or remove material as required to bring the affected area into compliance. Owner's Representative shall then retest the area once to determine compliance.
   g. Areas that fail the retest shall be brought into compliance, and Contractor shall pay the Owner's Representative an agreed upon hourly fee for additional testing.

E. Compaction:
Compact fills, exposed subgrades, finish grades, and all constructed aggregate surfaces to the following percentages of maximum dry density (MDD) as determined by ASTM: D 1557 or as otherwise noted:

1. Subgrade, sports surfacing subgrade, fills beneath all structures and buildings, paved surfaces, CSBC, walls, footings, curbs, trails, and pathways: 95% MDD, unless indicated otherwise on Drawings.
2. Embankments and Fill Slopes: 95% MDD, unless indicated otherwise on Drawings.
3. Planting Beds, Planter Islands, and Grassed Lawn Areas: 85% MDD.

F. Compaction Tests for Compliance:

1. The Owner shall pay for the initial compaction tests performed by an independent testing laboratory.
2. Contractor shall provide additional compaction and testing at their own cost, of failed test areas, until areas are brought into conformance.
3. It is the sole responsibility of the Contractor to notify the Owner when compaction tests are required.
4. Provide (48) forty-eight hours advance notice to the Owner when tests are requested.
5. Contractor shall not have access to any recourse from the Owner for delay if the Testing Agent is delayed arriving on site at the time designated for the test.
6. Compaction tests shall be performed on areas prepped and ready for testing.
7. Tests shall be performed on each lift of material used for subgrade and finish grade construction; each lift of structural fills; finished subgrades; and finish grade of all materials, and at Owner's discretion.
8. Test results must indicate conformance to this specification before proceeding with related work.
9. Owner shall perform their own compaction tests at their discretion at any time.

1.4 PROJECT CONDITIONS

A. Provide utility location in all areas to be disturbed by the work of this Section, as described in Division 1.

B. Do not commence the work of this Section until temporary erosion and sedimentation control measures required by the Owner and the TESC Plan are in place and approved.

C. Carefully maintain benchmarks, monuments and other reference points. If disturbed or destroyed, replace it at Contractor's expense.

D. In subgrade cut situations where soil is encountered that cannot be proof rolled to a firm and unyielding condition, notify the Owner immediately. Take no further action until directed by Owner in writing.

E. Underground utilities exist in the construction area. The general locations of these are shown on the Drawings; but may not include all existing utility lines. Contractor shall check and verify the location and elevation of all known lines before commencing work. Damage to existing utilities as a result of construction shall be promptly repaired by at Contractor’s expense.

1.5 BARRIERS, SAFETY GUARDS AND WARNING LIGHTS

A. Provide public, visitor, and worker protection, as required by the Washington State Department of Labor and Industries, and the Construction Access Site Plan.

1.6 SUBMITTALS

A. Provide a submittal for all proposed materials and products, whether listed herein or not, in accordance with WSDOTSS 1-06 Control of Material.

B. Contractor shall provide testing and certification from a testing agency for all proposed products and materials, whether listed herein or not, at Contractor's expense. Test results shall be dated a maximum thirty (30) days prior to the contract date.

C. Provide a 1-gallon sample of all proposed materials and products, whether listed herein or not, as part of the submittal process. Samples shall remain on site as examples of the approved materials.

D. Excavation plan and list of proposed equipment and methods. The Contractor shall prepare a simple diagrammatic plan showing the proposed distribution of fill material subject to Owner approval.

E. Contractor shall provide testing and certification from a testing agency that Products described in Part 2 Products herein comply with WSDOTSS and/or submit Qualified Products List per WSDOTSS 1-06.1(1) to Owner.

1.7 FILL DELIVERY, STORAGE, AND HANDLING

A. Do not deliver or place common borrow or gravels in frozen conditions. Material shall be delivered at or near optimum compaction moisture content as determined by AASHTO T 99 (ASTM D 698). Do not deliver or place materials in an excessively moist condition (beyond 2 percent above optimum compaction moisture content as determined by AASHTO T 99 (ASTM D 698).

B. Protect soils and mixes from absorbing excess water and from erosion at all times. Do not store materials unprotected from large rainfall events. Do not allow excess water to enter site prior to compaction. If water is introduced into the material after grading, allow material to drain to near optimum compaction moisture content.

PART 2 - PRODUCTS

2.1 CRUSHED SURFACING BASE COURSE (CSBC)

A. Crushed Surfacing Base Course shall be provided by one of the two following options, selected by the Contractor:

1. CSBC OPTION 1: Mixture of recycled, existing crushed surfacing base course mixed with recycled asphalt concrete paving (RAP) obtained from pulverizing the existing court surface.

    a. Shall conform to WSDOTSS table 9-03.21(1)F (Table on Maximum Allowable percent (By Weight) of Recycled Material).
    b. Maximum amount of asphalt at 25 percent for Aggregate for Gravel Base.

c. Pulverized asphalt pavement shall be maximum 2-inch diameter

2. CSBC OPTION 2: New, crushed mineral aggregate meeting WSDOTSS 9-03.9(3) for Crushed Base Course.
   a. Mineral aggregate shall be composed of clean, uniform particulate size groups essentially free from wood waste and other deleterious materials obtained from approved material extraction quarries.

B. COMMON BORROW

C. Common Borrow shall be obtained from on-site earth moving operations if available, or off-site sources, and shall conform with WSDOTSS 9-03.14(3) Option 1.

2.2 GRAVEL BASE

A. Gravel Base shall comply meet WSDOTSS 9-03.10.

2.3 GRAVEL BORROW

A. Gravel Borrow shall comply with WSDOTSS 9-03.14(1) Gravel Borrow.

2.4 QUARRY SPALLS

A. Shall be fractured quarry rock. Spalls shall be hard, sound, and unweathered and shall comply with WSDOTSS 9-13.

2.5 GEOTEXTILE FABRIC FOR SEPARATION

A. Geotextile Fabric shall comply with WSDOTSS 9-33.2(1) Table 3, nonwoven Geotextile for Separation.

2.6 TOPSOIL

A. Refer to Section 31 40 00 Topsoil Placement and Landscape Grading.

PART 3 - EXECUTION

3.1 GENERAL

A. Grades shown on the drawings are finish grades. Derive subgrade elevations based on finished grades.

B. Prior to all Work in this Section, the Contractor shall become thoroughly familiar with the site conditions. Contact Owner immediately on any and all elevations, finished or subgrade, which are unclear, or if discrepancies are apparent. Failure to notify the Owner of discrepancies, or to request clarification if unclear, shall be considered as the Contractor accepting the conditions, and all costs of remediation shall be the Contractor's responsibility.

C. Prior to site grading, existing site surface water and groundwater shall be collected and routed to a proper drainage away from the work area, in order to facilitate work.

D. Control drainage throughout construction to avoid getting materials excessively wet and prevent areas which hold water. Eliminate areas that hold water within 48 hours of notification from the Owner.

3.2 SOIL MOISTURE AND WORK IN WET CONDITIONS

A. On-site soils may be moisture sensitive and weather dependent.

B. Contractor is fully responsible for scheduling and controlling earthwork operations, and for performing work in such a manner as to prevent overworking and over-saturation of on-site soils. This shall include any/all precautions necessary throughout the entire work area (including access drives/haul roads/staging areas) to control surface and groundwater to protect soils and subgrades from heavy vehicle loads, and to achieve soil moisture levels capable of achieving specified compaction.

C. No extra compensation will be paid to the Contractor due to work performed at non-optimum times or under non-optimum conditions resulting in unsatisfactory soil conditions.

D. The Contractor shall correct unsatisfactory conditions at no additional cost to the Owner.

E. Contractor is responsible for managing the soil moisture conditions to maintain the constructability of soil in order to meet the construction contract schedule. No extra compensation will be paid to the Contractor for watering or aerating the subgrade, excavated areas, or fills to achieve specified compaction.

F. The ground surface in and surrounding the construction area shall be sloped as much as possible to promote runoff of precipitation away from work areas, and to prevent ponding of water.

G. Cover work areas or slopes with plastic sheeting; execute sloping, ditching, sumps, dewatering, and other as necessary to permit proper completion of the work. Stockpiles of soil shall be covered with plastic sheeting, properly weighted down.

H. Earthwork should be accomplished in small sections to minimize exposure to wet conditions. Each section should be small enough so the removal of Unsuitable Material and placement and compaction of Gravel Base, if necessary, can be accomplished on the same day.

I. The size of construction equipment may have to be limited to prevent soil disturbance. When a backhoe, or equivalent, is required to excavate soils, locate equipment to prevent traffic over the excavated area. Subgrade disturbance caused by equipment traffic shall be minimized.

J. No soil shall be left uncompacted and exposed to moisture. A smooth-drum vibratory roller, or equivalent, should roll the surface to seal out as much water as possible.

K. In-place soils or fill soils that are, or become wet and unstable, and/or are too wet to suitably compact, should be removed and replaced with clean, granular soil at no additional cost to Owner.

L. Delays may occur due to inclement weather. It shall be the Contractor's responsibility to immediately notify the Owner if weather conditions impact on the Work.

M. In instances where a clear determination cannot be made by both the Contractor and the Owner that weather or moisture conditions impact the workability of the soil or the capability of the soil to support equipment, the Contractor shall test the conditions in the presence of the Owner, by physically attempting to operate the equipment in the area(s) in question, for a period of time deemed necessary by both the Contractor and Owner, to determine the workability of the soil. After testing the conditions, the Contractor and Owner shall evaluate the results of the test and make a final determination as to whether the Work can proceed or not.

3.3 EXCAVATION

A. Provide excavation required to achieve finish and subgrade elevations for all surfaces and materials included in the scope of work described in the Contract Documents. Provide off-site disposal of excess excavated material not used in the earth moving operations. Remove roots, rocks, boulders, concrete and other obstructions encountered during excavation and dispose off site. Leave bearing surfaces undisturbed, level, true, and meeting elevation and compaction tolerances.

B. Obtain Owner's Representative's inspection, testing, and approval of surfaces prepared under tis Section prior to commencing next phases of work.

C. Provide trench boxes, temporary shoring and supports appropriate to the specific conditions at all trenches, cuts, and excavations. Remove prior to backfilling, and in such a manner as not to endanger structures. Design system for loading required, and to prevent seepage of fines from cut slope. When excavating near footings, pavement, manholes, utility poles, or structures, provide lateral support to said features.

D. All excavation is unclassified, and includes excavation to subgrade, or as required to construct the work, regardless of character or materials and obstructions encountered, except as allowed in the provisions for unsuitable material, Sub-Section 3.5 herein.

E. Grade top perimeter of excavation and all work areas to prevent surface water from draining into excavation. All work required to maintain positive drainage is incidental to the work.

F. Notify Owner's Representative immediately of subsurface conditions that are not as noted in the Geotechnical Report and discontinue affected work in area until notified to resume work.

G. Unauthorized excavations consist of removal of materials beyond indicated subgrade elevations or dimensions without specific written direction from the Owner's Representative. Backfill areas where unauthorized over-excavation has taken place with material specified by the Owner, and compact to specified density. Unauthorized excavation, as well as remedial work required, shall be at Contractor expense.

3.4 PREPARATION OF SUBGRADE – GENERAL

A. Remove all ruts, hummocks, and other uneven surfaces by surface grading prior to placement of fill.

B. Provide berms or channels to prevent flooding of subgrade. Promptly remove all water collecting in depressions.

C. Where soil has been softened or eroded by flooding or placement during unfavorable weather, obtain the Geotechnical Engineer's inspection and determination of conditions, and coordinate a solution with Owner's Representative for completing the work.

D. Final subgrades shall be crowned/sloped to establish positive drainage and shall conform to all design grades and details.

3.5 PREPARATION OF SUBGRADE - UNSUITABLE MATERIAL

A. In subgrade situations where soil is encountered that cannot be proof-rolled to a firm and unyielding condition as determined by the Geotechnical Engineer, the unsuitable material shall be removed to area depth determined by the Geotechnical Engineer, and disposed off-site.

B. Backfill excavated void with material specified by the Geotechnical Engineer to attain subgrade elevation at the specified, compacted density.

C. Should the subgrade soil be rendered unsuitable material as a result of the Contractor's negligence to protect the material, as determined by Owner, the Contractor shall at their cost, excavate the unsuitable material to depths determined by Geotechnical Engineer and disposed off-site.

D. Backfill excavated void at Contractor's cost with material specified by the Geotechnical Engineer to attain subgrade elevation at the specified, compacted density.

E. "Contractor negligence" is defined as Contractor failing to deploy measures to protect the site from weather conditions, overworking of moisture sensitive soils, and directing drainage to moisture sensitive soils.

3.6 DEWATERING

A. Provide and maintain at all times during construction, ample means and devices which promptly remove and dispose of all water from every source entering the excavations or other parts of the Work.

B. Dewater by means which will ensure dry excavations and the preservation of the final lines, grades, and compaction level of bottoms of excavations.

3.7 FILL AND COMPACTION – GENERAL

A. Non-Structural Fills: After subgrade compaction has been approved, spread approved fill material in loose lifts not exceeding eight (8) inches in thickness. Each lift shall be conditioned to the optimum moisture content and compacted to the specified minimum density prior to placing the next lift. Earthwork shall be performed under the observation of the Owner to ensure contract compliance.

B. Structural Fills: As indicated in the Geotechnical Report

C. Water or aerate the fill material as necessary, and thoroughly mix to obtain a moisture content which will permit proper compaction. No extra compensation will be paid to the Contractor for watering or aerating the fill material to achieve specified compaction.

D. Do not place, spread or compact any fill material during unfavorable weather conditions. Do not resume operations until moisture content and fill density will conform to specification requirements.

E. Compact each soil layer to at least the minimum density specified. Repeat compaction process until plan grade and specified compaction density is attained.

F. Compact areas not accessible to rollers or compactors with pneumatic hand tampers or other approved means. Use hand vibrators within 5’-0” of foundations and walls. No heavy compaction equipment shall be allowed adjacent to walls and foundations.

G. During Warranty period, replace work damaged by settlement and replace slabs and pavement which develop settlement cracks, all at no additional cost to the Owner.

H. In fill areas where grade slopes more steeply than 5H:IV (horizontal: vertical) the base of any embankment shall be tied to the firm stable subsoil by appropriate keying and benching.

3.8 SPORTS FIELD AND SPORT COURT SUBGRADE AREAS:

A. Upon completion of the subgrade and Contractor confirmation for conformance with the Contract Documents, notify the Owner and schedule an inspection.

B. Contractor is not authorized to install subsurface drainage system until subgrade has inspected and approved by Owner.

3.9 PAVEMENTS, SLABS-ON-GRADE, TRAILS, AND STRUCTURAL FOUNDATIONS:

A. General:

Includes all structural foundations, hot-mixed asphalt, cement concrete pavements, and trail surfaces.

B. Cut:

Compact the top twelve (12) inches of the subgrade, or to the depth specified in the Geotechnical Report if greater than twelve (12) inches, to a firm and unyielding condition meeting the minimum tolerances specified herein.

C. Fill:

1. Place Common Borrow or Gravel Borrow over compacted subgrade in loose lifts no greater than eight (8) inches in loose thickness and compact each lift to the minimum density specified in the Geotechnical Report.
2. Compact the Crushed Rock Surfacing beneath the pavement sections to the minimum density specified herein.
3. Place Clean Crushed Aggregate beneath building slabs to the depth and compaction density specified in the Geotechnical Report.

3.10 EXCAVATING, BACKFILLING, AND COMPACTING FOR UTILITIES, INCLUDING IRRIGATION INSTALLATIONS

A. Trenching:

1. Excavate utility trenches to width and depth required by the Contract Documents, Drawings, and/or as specified by a particular utility company.
2. Do not advance open trench more than 200 feet ahead of installed pipe or conduit. All open trenches, regardless of depth, shall be covered at the end of the day.
3. Exceptions will only be allowed if the trenches are barricaded, provided with lighting, signed, and protected from pedestrian traffic.

B. Compaction:

1. Compaction equipment used above the pipe zone shall be a type that does not injure the pipe.
2. Compact backfill material to minimum specified density for respective paving and general site areas.

3.11 GRADING

A. Except as otherwise directed by the Owner, perform all rough and finish grading required to attain the elevations shown on the Drawings.

B. Provide the subgrade grading to an elevation to allow for finish materials and to achieve a smooth transition to undisturbed grades at project perimeter.

3.12 TREATMENT AFTER COMPLETION OF GRADING

A. Protect all areas from oversaturation and excessive vehicle loads. Perform work in such a manner as to minimize vehicle crossings.

B. Use all means necessary to prevent erosion of freshly graded areas during construction and until such time as permanent drainage and erosion control measures have been installed.

C. Repair at Contractor's expense, all damage and unsatisfactory conditions including wheel ruts and vehicle/equipment tracks, humps, low spots/depressions, footprints, rills, erosion, washes, debris drift piles, which may develop for any reason between the time finish grading is accepted and permanent stabilization measures have completely stabilized the graded area.

3.13 SHEETING AND SHORING

A. The Contractor is solely responsible for all excavation safety systems.

B. Support trench side walls more than 4 feet deep excavated through unstable, loose, or soft material. Provide sheeting, shoring, bracing, or other protection to maintain stability of excavation.

C. Design sheeting and shoring to be removed at completion of the work.

D. Repair damage caused by failure of the sheeting, shoring, or bracing and for settlement of filled excavations or adjacent soil.

E. Repair damage to new and existing work from settlement, water or earth pressure or other causes resulting from inadequate sheeting, shoring, or bracing.

END OF SECTION

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes chain-link fences and gates, quantities and locations where indicated on the Drawings.

1.2 RELATED REQUIREMENTS

A. Division 3 – Concrete

1.3 REFERENCES

A. References used in this section are generally accepted industry standards. The most recent, published edition (including amendments) at time of bid applies.

1. ASTM A780 Standard Practice for Repair of Damaged and Uncoated Areas of Hot- Dip Galvanized Coatings
2. ASTM A824 Specification for Metallic-Coated Steel Marcelled Tension Wire for Use With Chain Link
3. ASTM F552 Standard Terminology Relating to Chain Link Fencing
4. ASTM F567 Standard Practice for Installation of Chain Link Fence
5. ASTM F626 Specification for Fence Fittings
6. ASTM F668 Specification for Polymer Coated Chain Link Fence Fabric
7. ASTM F900 Specification for Industrial and Commercial Swing Gates
8. ASTM F934 Specification for Standard Colors for Polymer-Coated Chain Link
9. ASTM F1043 Specification for Strength and Protective Coatings of Metal Industrial Chain Link Fence Framework
10. ASTM F1083 Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures
11. ASTM F1664 Specification for Poly (Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Tension Wire Used with Chain-Link Fence
12. ASTM F1665 Specification for Poly (Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Barbed Wire Used with Chain-Link Fence
13. CLFMI SFR 2445Security Fence Recommendations
14. CLFMI CLF TPO211 Tested and Proven Performance of Security Grade Chain Link Fence Systems
15. CLFMI WLG2445 Chain Link Fence Wind Load Guide for the Selection of Line Post and Line Post Spacing
16. American Welding Society AWS D1.1 / D1.1M Structural Welding Code.
17. ASTM A 123 Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel.

1.4 SUBMITTALS

A. Shop drawings:

1. Plan view of each fence section and gate location, showing the width of opening, dimensions, material, finished coating (galvanized or polymer coated), and opening.
2. Elevation view of each fence section and gate, showing the details of attachments, footings, width of opening, materials, finished coating (galvanized or polymer coated), fabric dimensions, and all fittings, rails, and appurtenances.
3. Shop drawings created by copying details from the contract documents is prohibited and will be rejected.

B. Certifications: Manufacturers' material certifications in compliance with current ASTM specifications.

C. Product Data: Provide manufacturer's catalog cuts with printed specifications and installation instructions. Furnish detailed sequence of operation (description of system).

D. Certifications:

1. All welds on the gate frame shall conform to Welding Procedure Specification and Procedure Qualification Record to ensure conformance to the AWS D1.2 Structural Welding Code.
2. All individual welders shall be certified to AWS D1.2 welding code.
3. All welders shall have a current, valid WABO certification.

1.5 QUALITY ASSURANCE

A. Manufacturer: Company operating in the United States having U.S. manufacturing facility/facilities specializing in manufacturing chain link fence products with at least 5 years' experience.

B. Fence Contractor: Company with demonstrated successful experience installing similar projects and products in accordance with ASTM F567, currently active license to do business in Pierce County, Washington, and have at least 5 years' experience.

C. Tolerances: Current published edition of ASTM specifications tolerances apply. ASTM specification tolerances supersede any conflicting tolerance.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Delivery: Deliver products to site per contract requirements.

B. Storage: Store and protect products off the ground when required.

C. Remove bindings and wire ties on packaged materials as recommended by the manufacturer to prevent damage.

PART 2 - PRODUCTS

2.1 CHAIN LINK FABRIC

A. Steel Chain Link Fabric: 2 in. mesh, 9 gauge, height as indicated in the Drawings, per ASTM 668, Top selvage: Knuckled, Bottom selvage: Knuckled.

B. Polymer Coated Steel Fabric: 2 in. mesh, ASTM F668, the wire gauge specified for polymer-coated wire is that of the metallic coated steel core wire.

1. Class 2b fused and adhered.
2. Color:
   a. Federal Standard No. 595 B – No. 27038, Black
   b. Comply with ASTM F934.

2.2 STEEL FENCE FRAMEWORK

A. Round steel pipe and rail:

1. Cold-rolled electric-resistance welded pipe in accordance with ASTM F1043 Materials Design Group IC, WT-40 pipe ***or high strength schedule 40 pipe***.
2. Hot dip galvanized zinc 1.0 oz/ ft² (305 g/m²) per ASTM A90.
3. Intermediate Pretreatment shall be 30 mg/in. +/- 10 mg/square inch.
4. External coating, with a clear polymeric overcoat, Interior coating, 90% zinc-rich coating having a minimum thickness of 0.30 mils (0.0076 mm).
5. Each pipe length shall be clearly marked every 16'-18' with the following information: WT-40, Wheatland, Made in USA, ASTM F1043|OD|Run Number, Mill Number, Year, Date, and Time.
6. Round steel pipe shall be manufactured by Wheatland or approved equal.
7. ***Fence posts and rails outside diameter (O.D.) per Drawings.***
8. ***Table A: Minimum requirements for fence posts, rails, and gate frame members***

O.D. (in.)	***Decimal O.D. (in.)***	***Min. Weight (lb./ft)***	***Min. Yield Strength (PSI)***
1-5/8	***1.660***	***1.84***	***50,000 (345 MPa)***
1-7/8	***1.900***	***2.28***	***50,000 (345 MPa)***
2-3/8	***2.375***	***3.12***	***50,000 (345 MPa)***
2-7/8	***2.875***	***4.64***	***50,000 (345 MPa)***
3-1/2	***3.500***	***5.71***	***50,000 (345 MPa)***
4	***4.000***	***6.56***	***50,000 (345 MPa)***
4-1/2	***4.500***	***10.80***	***50,000 (345 MPa)***
5-9/16	***5.563***	***14.63***	***50,000 (345 MPa)***
6-5/8	***6.625***	***18.99***	***50,000 (345 MPa)***
8-5/8	***8.625***	***28.58***	***50,000 (345 MPa)***

B. Polymer Coated Framework:

1. Polymer coated framework shall have a Polyolefin coating fused and adhered to the exterior zinc coating of the post and rail.
2. Polyolefin coatings shall have minimum thickness 10-mils (0.254 mm) ASTM F1043.
3. Color:
   a. Federal Standard No. 595 B – No. 27038, Black
   b. Comply with ASTM F934.

2.3 TENSION WIRE

A. Polymer Coated Steel Tension Wire: 7-gauge (0.177 in.) (4.50 mm) wire complying with ASTM F1664.

1. Wire gauge specified is the core wire gauge.
2. Match coating class and color to that of the chain link fabric.
3. Class 1, extruded.

2.4 FITTINGS

A. Tension and Brace Bands:

Galvanized pressed steel complying with ASTM F626, minimum steel thickness of 12 gauge (0.105 in.) (2.67 mm), minimum width of 3/4 in. (19 mm) and minimum zinc coating of 1.20 oz/ft² (366 g/m²).

B. Terminal Post Caps, Line Post Loop Tops, Rail and Brace Ends, Boulevard Clamps, and Rail Sleeves:
In compliance to ASTM F626, pressed steel galvanized after fabrication having a minimum zinc coating of 1.20 oz/ft² (366 g/m²).

C. Truss Rod Assembly:
In compliance with ASTM F626, 3/8 in. (9.53 mm) diameter steel truss rod with a pressed steel tightener, minimum zinc coating of 1.2 oz/ft² (366 g/m²), assembly capable of withstanding a tension of 2,000 lbs. (970 kg).

D. Tension Bars:
In compliance with ASTM F626. Galvanized steel one-piece length 2 in. (50 mm) less than the fabric height. Minimum zinc coating 1.2 oz. /ft² (366 g/m²). Bars for 1 ¾ in. (44 mm) mesh shall have a minimum cross section of 3/16 in. (4.8 mm) by 3/4 in. (19 mm).

E. All Fence System Fittings shall be in compliance with ASTM F626. Polymer coating minimum thickness 0.006 in. (0.152 mm) fused and adhered to zinc coated fittings. Match color to fence framing and fabric.

F. Gate Hinges shall be as described on the Drawings.

G. Gate Latches for Swing Gates shall be Fork Latch (UPC: 687748062226) as distributed by Jake Sales or approved equal.

H. Gate Latches and all galvanized hardware/fasteners shall be surface prepped with GalvaPrep per manufacturer's instructions. Prime hardware/fasteners with Intergard 345 per manufacturer's instructions (1 one coat) manufactured by International, or approved equal.

I. Where specified on Drawings for gate latches and hardware to be colored, apply two coats of Intergard 870 acrylic polyurethane coating; match color to fence fabric and framing system colors.

2.5 TIE WIRE AND HOG RINGS

A. Tie wire and hogs rings per ASTM F626. 9 gauge (0.148 in.) (3.76 mm) galvanized steel hog rings.

B. Minimum zinc coating 1.20 oz/ft² (366 g/m²) where chain link fabric is specified to be galvanized.

C. Provide polymer coated rings that match the coating, class, and color to that of the color coated chain link fabric.

2.6 SWING GATES

A. Single Swing Gates shall be galvanized steel welded fabrication in compliance with ASTM F900.

B. Gate frame members 1.900 in. OD, ASTM F1043 Group IA.

1. Frame members spaced no greater than 8 ft. (2440 mm) apart vertically and horizontally.
2. Welded joints protected by applying zinc-rich paint in accordance with ASTM Practice A780.
3. Positive gate latch fabricated of 5/16 in. (7.9 mm) thick by 1 ¾" (44.45 mm) pressed steel galvanized after fabrication.
4. Galvanized malleable iron or heavy gauge pressed steel post and frame hinges.
5. Gateposts ***outside diameter (O.D.) per Drawings. Minimum requirements for gateposts per Table A in this Section.***
6. Polymer coated gate frames and gateposts where indicated on Drawings.
7. Match the coating type and color to that specified for the fence framework.
8. Moveable parts such as hinges, latches and drop rods, that are specified to be color coated on the Drawings, may be field coated using a liquid polymer touch up.

C. Gate Chain Link Fabric shall match Fence Chain Link Fabric.

2.7 CONCRETE

A. Concrete for post footings shall be per Section 03 30 40 – Cast-in-Place Concrete.

2.8 EXTRA MATERIALS

A. The Contractor shall supply the Owner with four (4) aerosol spray cans containing a minimum of 14 ounces of paint of the color specified above upon Substantial Completion.

2.9 LOCKING DEVICES

A. Provide chains for security throughout the construction period, to allow use by Owner and other Contractors via Daisy-Chain additional locking devices.

PART 3 - EXECUTION

3.1 CLEARING FENCE LINE

A. Clear, grub, grading and removal of debris for the fence line or any required clear areas adjacent to the fence is included in the Scope of Work.

3.2 FRAMEWORK INSTALLATION

A. Posts:

1. Posts shall be set plumb in concrete footings in accordance with ASTM F567.
2. Footing depth and width: As described on Drawings.

B. Top Rail:

1. Install 21 ft. (6.4 m) lengths of rail continuous thru the line post loop top where possible.
2. Splice rail using top rail sleeves minimum 6 in. (152 mm) long.
3. The rail shall be secured to the terminal post by a brace band and rail end.
4. Bottom rail or intermediate rail shall be field cut and secured to the line posts using boulevard bands or rail ends and brace bands.

C. Terminal Posts:

1. End, corner, pull and gate posts shall be braced and trussed for all fencing.
2. The horizontal brace rail and diagonal truss rod shall be installed in accordance with ASTM F567.

D. Tension Wire:

1. Shall be installed at the height above finish grade described on Drawings, up from the bottom of the fabric.
2. Tension wire shall be stretched taut between the terminal posts and secured to the terminal post using a brace band.
3. Secure the tension wire to the chain link fabric with a 9 gauge hog rings at 18 in. on center and to each line post with a tie wire.

3.3 CHAIN LINK FABRIC INSTALLATION

A. Chain Link Fabric:

1. Install fabric to the framework on the side indicated on Drawings.
2. Attach fabric to the terminal post by threading the tension bar through the fabric.
3. Secure the tension bar to the terminal post with tension bands and 5/16 in. (7.94 mm) carriage bolts spaced no greater than 12 inches (304.8mm) on center.
4. Chain link fabric to be stretched taut free of sag.
5. Fabric to be secured to the line post with tie wires spaced as described on Drawings.
6. Secure fabric to the tension wire with hog rings spaced as described on Drawings.
7. Excess wire shall be cut off to no more than ¼ inch exposed and bent over to prevent injury.
8. The installed fabric shall have a ground clearance meeting the dimension described on the Drawings.

3.4 GATE INSTALLATION

A. Swing Gates:

1. Field verify the opening between the gate posts before fabricating gate.
2. Provide clearance between the gate posts for gate panel(s) to operate fully without conflict
3. Install swing gates and gateposts in compliance with ASTM F567.
4. Direction of swing shall be inward, unless shown otherwise on the plans.
5. Gates shall be plumb in the closed position having a bottom clearance described on the Drawings.
6. Hinge and latch offset opening space from the gate frame to the post shall be as described on Drawings.

B. Slide Gates

1. Install slide gates and gateposts in compliance with ASTM F567.
2. Sliding path shall be smooth and level, allowing free opening and closing of the gate without interference, and rolling of the wheel, by pulling with one hand.
3. Gates shall be plumb in the closed position having a bottom clearance as indicated on the Drawings.
4. Hinge and latch offset opening space from the gate frame to the post shall be as described on Drawings.

3.5 NUTS AND BOLTS

A. Bolts: Carriage bolts used for fittings shall be installed with the head on the secure side of the fence. All bolts shall be peened over to prevent removal of the nut. All fasteners shall be galvanized and painted per this section.

3.6 CLEAN UP

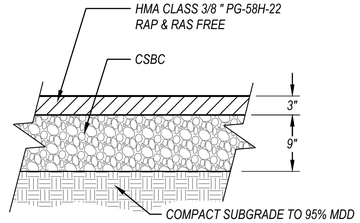
A. The area of the fence line shall be left neat and free of any debris caused by the installation of the fence.

B. Clean all paint, mud, dust, or other defacement on all fence parts.

C. Touch up paint all scratches, dings, or other minor defacements (up to 1/16-inch depth) with Galva-Prep for galvanized materials, and the polymer paint coating for color materials.

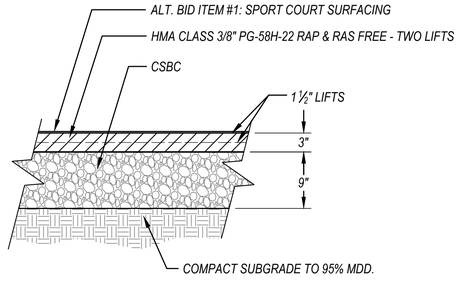
D. Framework, fittings, and fabric with cracks, dings, gouges, or other defacements of the metal fabric deeper than 1/16th of an inch, shall be removed and replaced with new, undamaged, materials meeting the specifications described herein and on the Drawings.

END OF SECTION



1 / C5.0 HMA Class 3/8" Paving - Type 1

SCALE: 1" = 1'-0"



2 / C5.0 HMA Class 3/8" Paving - Type 2

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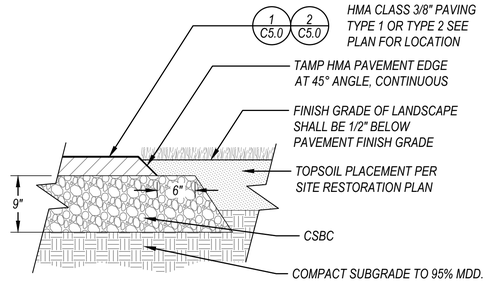
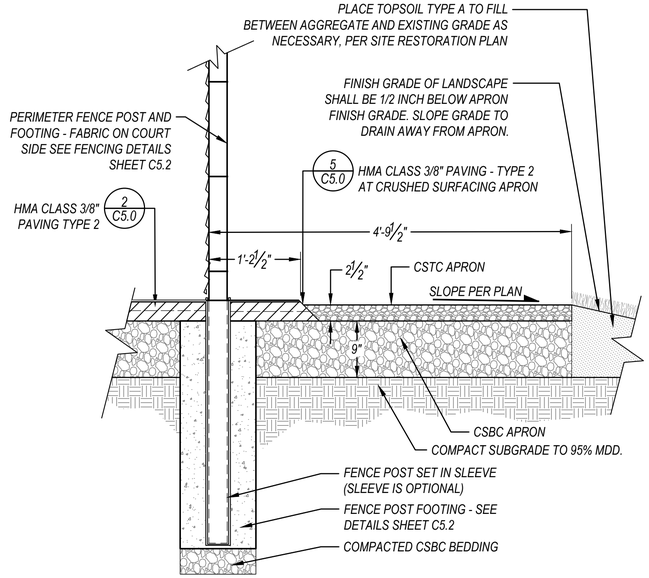


3 / C5.0 HMA Paving at Landscape

SCALE: 1" = 1'-0"

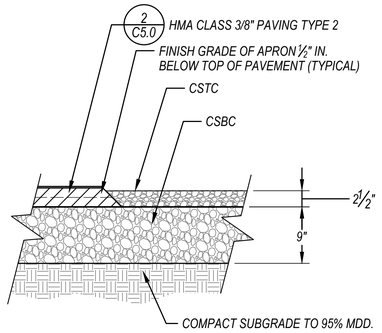


4 / C5.0 Pickleball Court Edge at Crushed Surfacing Apron

SCALE: 1" = 1'-0"

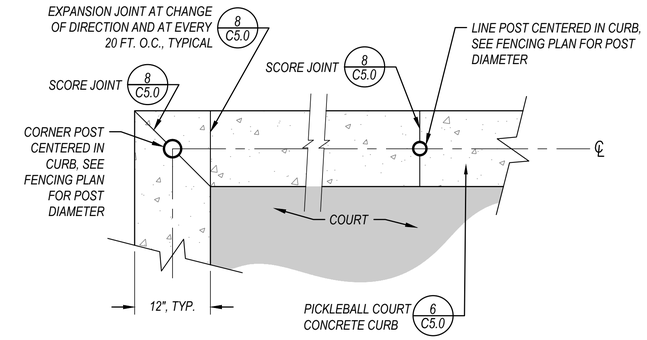
BASE BID CONSTRUCTION DETAILS ABOVE THIS LINE

ALTERNATE BID ITEM 2 CONSTRUCTION DETAILS BELOW THIS LINE



5 / C5.0 HMA Class 3/8" Paving - Type 2 at Crushed Surfacing Apron

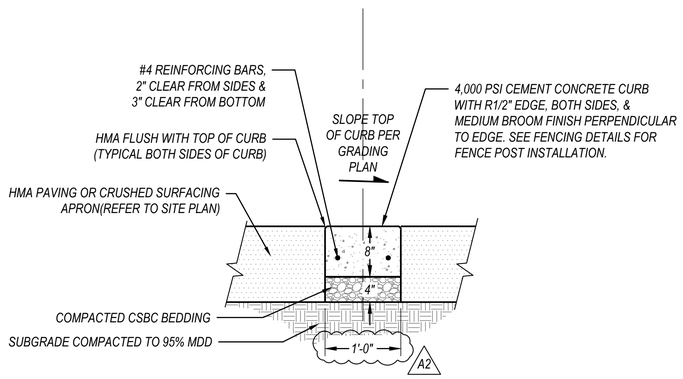
SCALE: 1" = 1'-0"



NOTE: PROVIDE SCORE JOINT AT EVERY POST AS SHOWN, EXCEPT WHERE EXPANSION JOINTS OCCUR IN SEQUENCE.

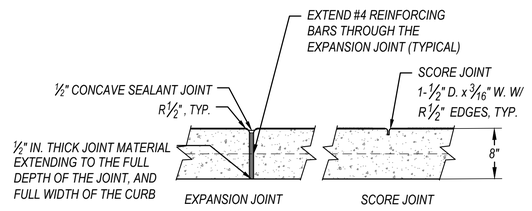
7 / C5.0 Pickleball Court Concrete Curb Jointing

SCALE: 1" = 1'-0"



6 / C5.0 Pickleball Court Concrete Curb

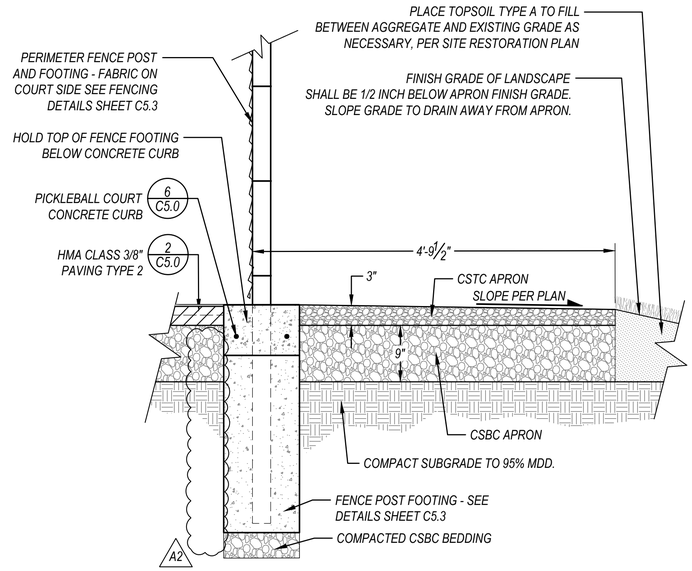
SCALE: 1" = 1'-0"



NOTE: PROVIDE SCORE JOINT AT EVERY POST AS SHOWN, EXCEPT WHERE EXPANSION JOINTS OCCUR IN SEQUENCE.

8 / C5.0 Expansion & Score Joints at Pickleball Court Concrete Curb

SCALE: 1" = 1'-0"



9 / C5.0 Pickleball Court Edge at Crushed Surfacing Apron

SCALE: 1" = 1'-0"

811 Call 811 two business days before you dig

South Whidbey Sports Complex Pickleball Courts & Improvements

South Whidbey Parks and Recreation District,
Langley, WA

RWD
Landscape Architects
4405 7th Ave. SE, Suite 203
Lacey, WA 98503
360.456.3813
bob@rwdroll.com

STATE OF WASHINGTON · PHILIP VANDEVANTER · No. 24007429 · EXP. 11/10/2026 · LANDSCAPE ARCHITECT

Philip VanDevanter

Bid Set

PROJECT NO.	24003
DESIGNED BY	DC, PV
DRAWN BY	PV, KFL, MS
CHECKED BY	DC, PV

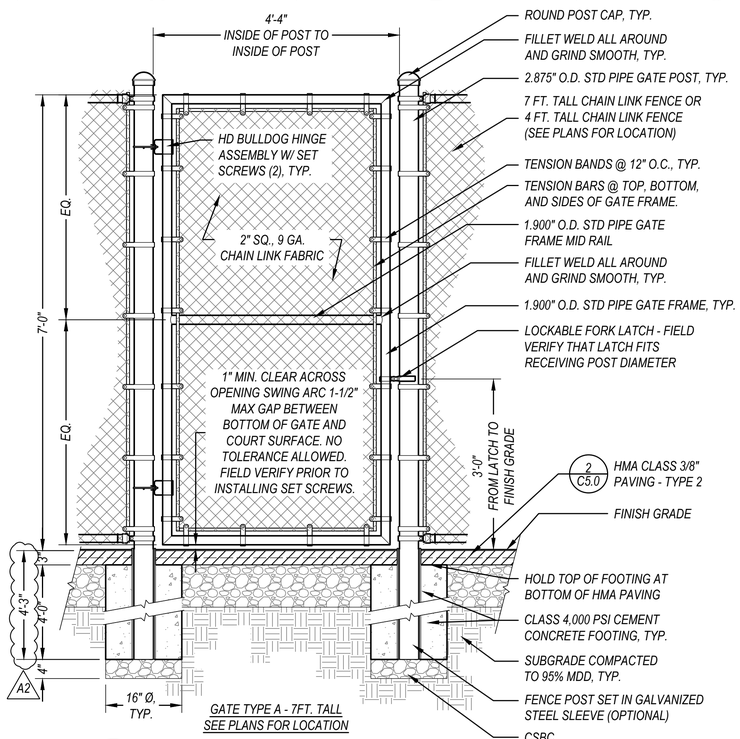
REVISION

DATE	CHANGE
6/26/25	ADDENDUM #2

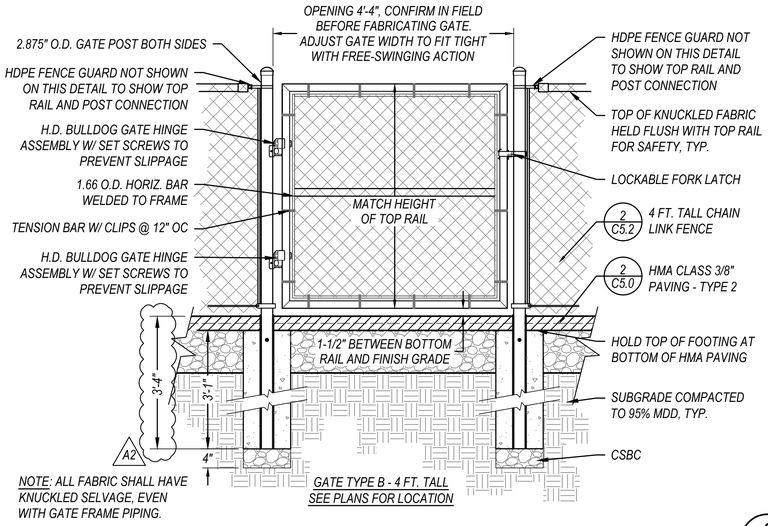
DATE: June 20, 2025

Site Details

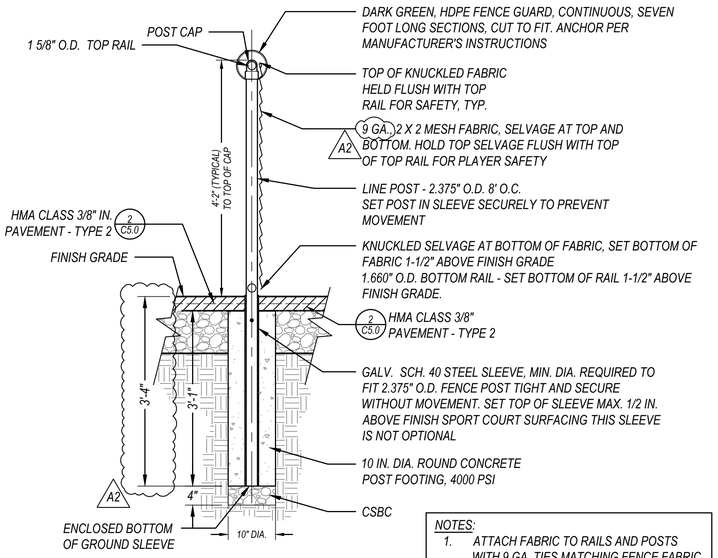
C5.0



NOTES:
1. ON FENCING AT COURT PERIMETER, ATTACH FABRIC TO "THE COURT SIDE" (INSIDE FACING THE COURT) OF POSTS.
2. ON 4 FT. FENCE SEPARATING COURTS, ATTACH FABRIC ON EAST SIDE OF POSTS.
3. ATTACH FABRIC TO POSTS WITH 9 GA. WIRE TIES MATCHING FENCE FABRIC - DOUBLE WRAP TIE ENDS AND TRIM TO ≤ 1/4 IN. EXPOSED END.
4. END AND CORNER POSTS TO HAVE PRESSED STEEL DOME POST CAPS.
5. LINE POSTS TO HAVE LOOP CAPS AS SHOWN.
6. INSTALL DARK GREEN, HDPE FENCE GUARD ON ALL 4 FT. FENCING BETWEEN COURTS AND AT COURT PERIMETER.

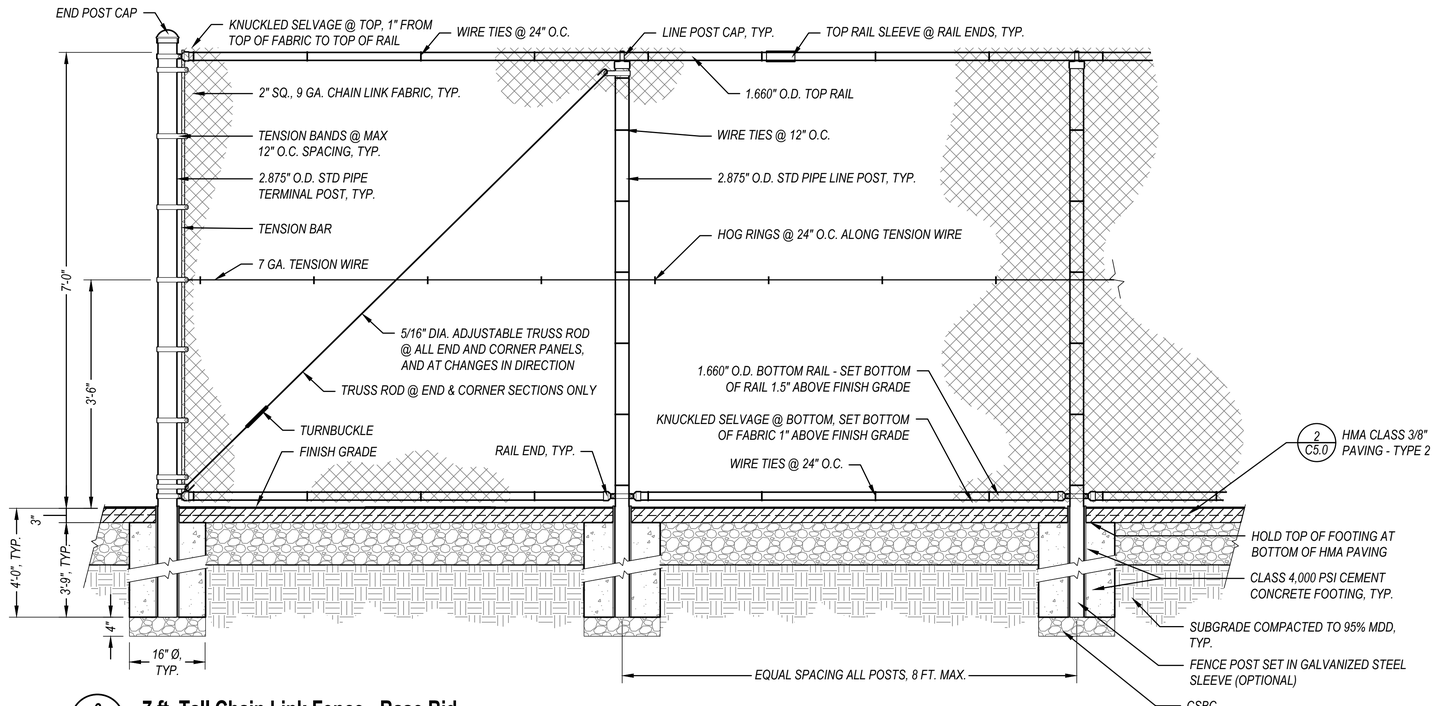


1 / C5.2 — 4 ft. Wide Single Swing Gate - Base Bid
SCALE: NOT TO SCALE

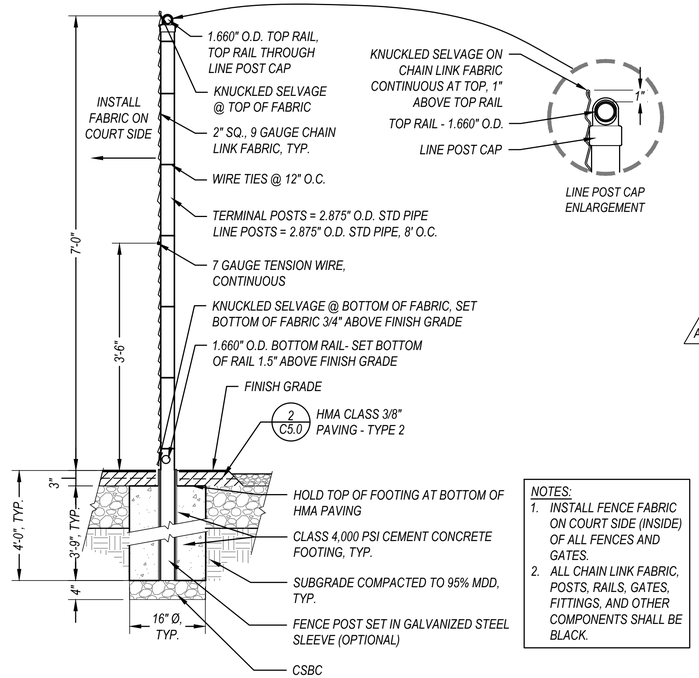


NOTES:
1. ATTACH FABRIC TO RAILS AND POSTS WITH 9 GA. TIES MATCHING FENCE FABRIC.
2. END AND CORNER POSTS TO HAVE PRESSED STEEL DOME POST CAPS.
3. LINE POSTS TO HAVE LOOP CAPS AS SHOWN.

2 / C5.2 — 4 ft. Tall Chain Link Fence
SCALE: NOT TO SCALE



3 / C5.2 — 7 ft. Tall Chain Link Fence - Base Bid
SCALE: NOT TO SCALE



NOTES:
1. INSTALL FENCE FABRIC ON COURT SIDE (INSIDE) OF ALL FENCES AND GATES.
2. ALL CHAIN LINK FABRIC, POSTS, RAILS, GATES, FITTINGS, AND OTHER COMPONENTS SHALL BE BLACK.

811 Call 811 two business days before you dig

South Whidbey Sports Complex Pickleball Courts & Improvements

South Whidbey Parks and Recreation District,
Langley, WA

RWD
Landscape Architects
4405 7th Ave. SE, Suite 203
Lacey, WA 98503
360.456.3813
bob@rwdroll.com

STATE OF WASHINGTON PHILIP VANDEVANTER NO. 24003426 EXP 11/10/2026 LANDSCAPE ARCHITECT
Philip VanDevanter

Bid Set

PROJECT NO. 24003
DESIGNED BY DC, PV
DRAWN BY PV, KFL, MS
CHECKED BY DC, PV

REVISION

DATE	CHANGE
6/26/25	ADDENDUM #2

DATE: June 20, 2025

Site Details - Fencing Base Bid

C5.2