

CITY OF BELLE GLADE — AIRPORT PARK RENOVATIONS

SITE C — SECTION 3: BASKETBALL COURT RENOVATIONS

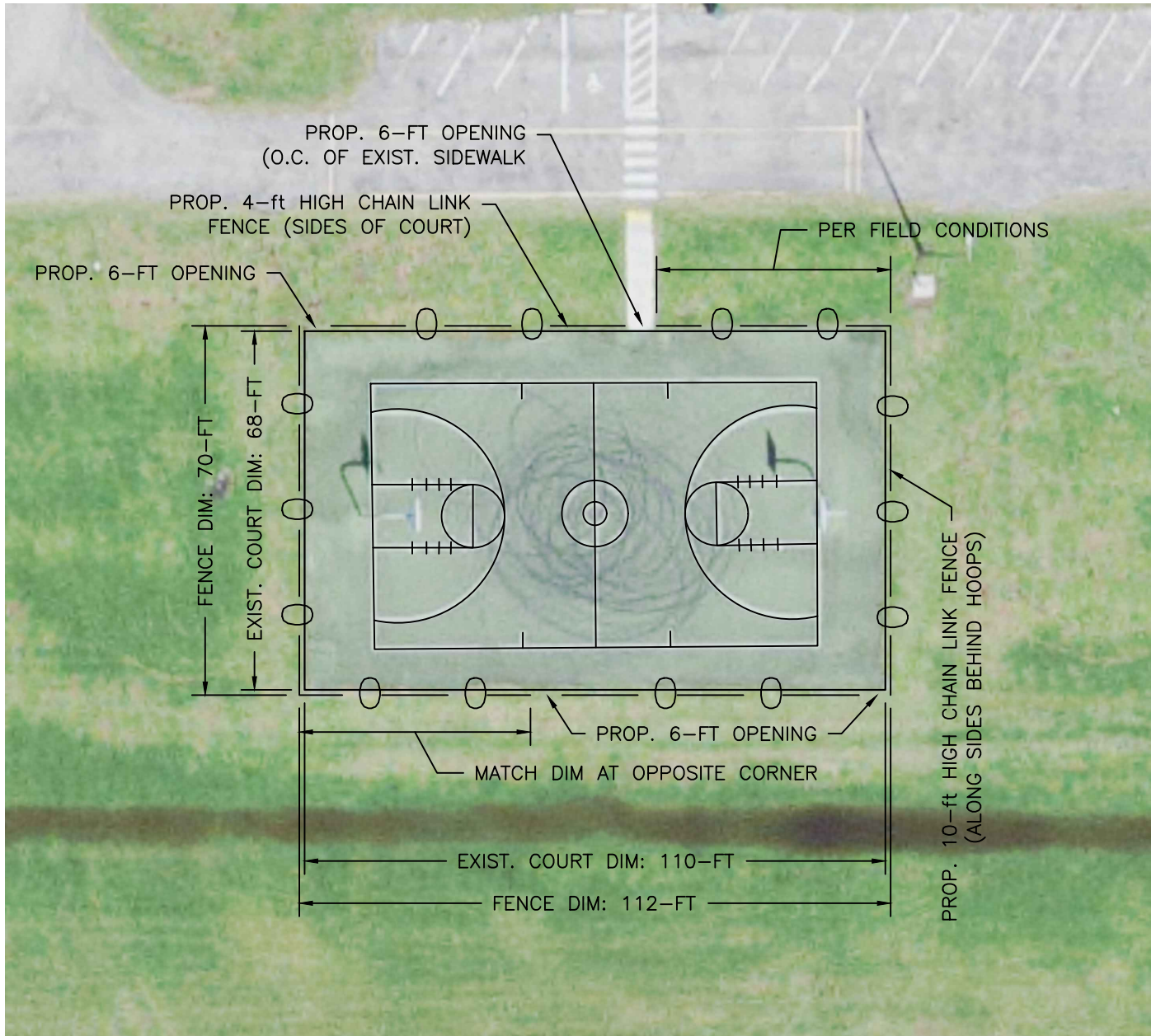


SCALE:
1"=30'

BASKETBALL COURT SITE PLAN

NOTES:

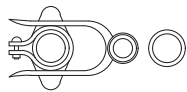
1. EXIST. APPROX. 831-SY BASKETBALL COURT TO BE 2-INCH (MIN.) MILLED AND RESURFACED.
2. CONTRACTOR TO INSTALL ACRYLIC SURFACE TREATMENT/COLORING (COORDINATE COLOR CHOICE WITH OWNER).
3. CONTRACTOR TO PAINT COURT MARKINGS/STRIPING PER USAB/NCAA YOUTH REGULATIONS.
4. DIMENSIONS SHOWN ARE ESTIMATED. CONTRACTOR TO FIELD VERIFY ALL MEASUREMENTS BEFORE SUBMITTING A BID AND STARTING CONSTRUCTION.



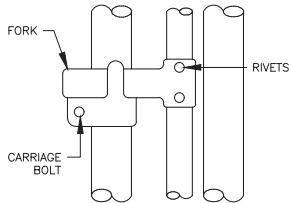


CITY OF BELLE GLADE

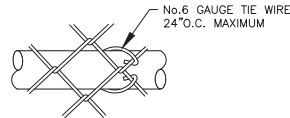
TYPICAL CHAIN-LINK FENCING DETAIL



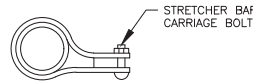
PLAN AT FORK



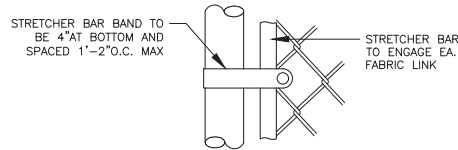
ELEVATION OF FORK



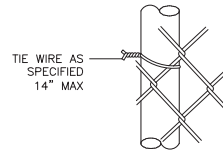
WIRE TIES FOR BRACE RAIL



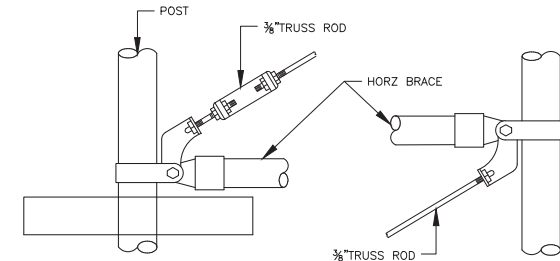
PLAN AT BRACE



END OR GATE POST DETAIL

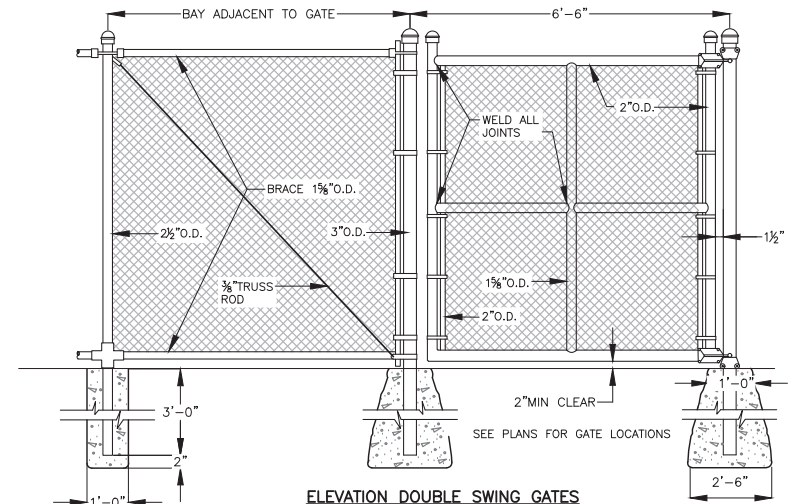
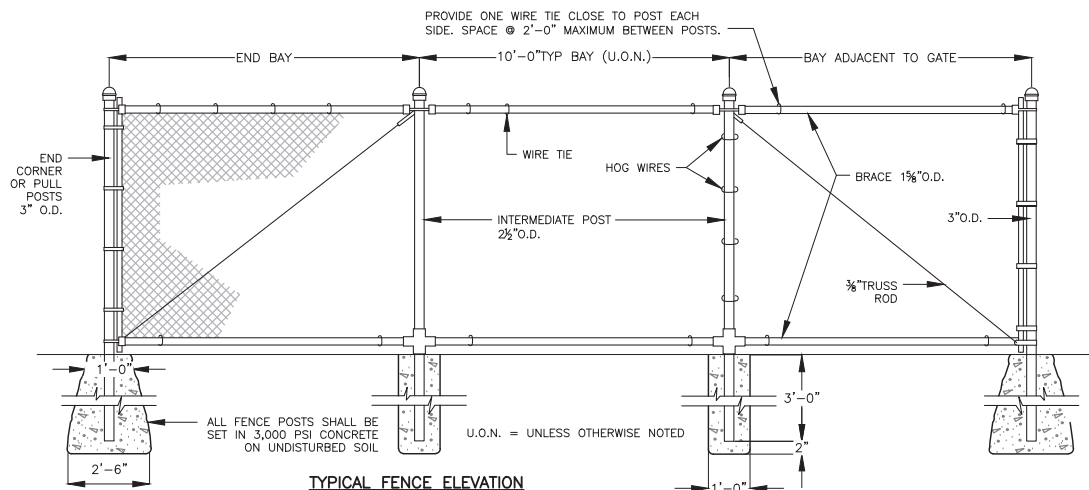


WIRE TIES FOR POST



TRUSS ROD & BAND

CLAMP FOR BRACE RAIL



NOTES:

1. ALL FENCING FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM 626.
2. FOR PARKS AND RECREATION INSTALLATIONS, ALL FABRIC TIE TERMINATIONS SHALL FACE AWAY FROM THE PLAY AREA/FIELD. SECURE FABRIC TO THE TENSION WIRE BY CRIMPING HOG RINGS AROUND A FABRIC WIRE PICKET AND TENSION WIRE.
3. TYPICAL DETAIL APPLICABLE FOR FENCE HEIGHTS FROM 3'-12'. HOWEVER, INTERMEDIATE/LINE POSTS FOR FENCING SYSTEMS 10'-12' SHALL BE 3" DIA. AND INCLUDE 1-5/8" CENTER RAILS.
4. POSTS SHALL BE 3' MIN. EMBEDMENT SET IN 3,000-PSI (MIN.) CONCRETE FOOTERS.
5. ALL CHAIN LINK FENCE SHALL BE KNUCKLED DOWN TOP AND BOTTOM.
6. ALL MEMBERS SHALL BE A.S.A. SCH 40 GALVANIZED STEEL.
7. POST CAPS SHALL BE DRIVE-ON TYPE.

SPECIFICATIONS SECTION 3 BASKETBALL COURT

BIDDER AGREES TO PROVIDE AND INSTALL EQUIPMENT TO MEET THE FOLLOWING REQUIREMENTS PER THESE SPECIFICATIONS AND AS DETAILED BELOW:

PART 1 – RESURFACING REQUIREMENTS

1.01 PRODUCT

- A. 2-inch minimum mill of existing asphaltic concrete.
- B. SP-9.5 asphaltic concrete mixture (pre-approved FDOT mix submitted to the OWNER/ENGINEER prior to installation) in two (2) 1-inch minimum lifts including prime and tack coats.
- C. Baserock material with a minimum LBR of 100 and minimum carbonate content of 60%.

1.02 SCOPE OF WORK

- A. The Work to be performed by the Contractor includes furnishing all materials, labor, tools, equipment, water, light, power, transportation, superintendence, temporary construction of every nature, mobilization, maintenance of traffic and all other services, facilities and other related construction items of every nature whatsoever necessary to modify, construct, complete, deliver and place in operation the subject Work at the various sites as described on the "Schedule of Values," shown on the provided Exhibits/Maps, and/or as herein described/specified. All Work shall be in accordance with the Contract Documents, City of Belle Glade Ordinances/regulations, Florida Statutes, and the Florida Department of Transportation ("FDOT") Standard Specifications for Road and Bridge Construction, latest edition, the FDOT Design Standards, latest edition and any other applicable FDOT specifications (herein, collectively, the "FDOT Specifications").
- B. The existing asphalt in the areas specified is to be resurfaced per the methods and specifications listed below, in accordance with applicable construction guidelines/FDOT Specifications and as described on the "Schedule of Values" and as shown on the provided Exhibits/Maps.
- C. Install baserock material (thoroughly rolled or tamped in 6-inch lifts maximum) around the perimeter of the existing asphalt pad, as applicable, to bring grades up around the perimeter 1-inch below new grade of resurfaced area; as well as match existing grades surrounding the site.
- D. **The Contractor is responsible for visiting the site(s) to confirm the supplied dimensions prior to submitting a Bid. Any discrepancies shall be brought to the attention of the City/Engineer during the bidding process and prior to submitting a Bid. Once a Bid is received, the awarded Contractor shall be responsible for resurfacing all existing asphalt, from edge of pavement to edge of pavement, along the limits/areas specified per the Lump Sum or Unit Cost amount submitted for that Bid Item. No additional payments shall be given due to discrepancies or adjustments in the City supplied dimensions once the project is awarded (except for adjustment of bid quantities per installed quantities for non-lump sum bid items).**

1.03 GENERAL PERFORMANCE

- A. Asphalt is to be installed in accordance with all applicable current FDOT Specifications and City of Belle Glade Construction Specifications.
- B. The final product/result is to resurface with a minimum of 2-inch asphaltic surface to improve surface texture and grade irregularities.
- C. The proposed asphaltic mixture must be approved by the City prior to installation.
- D. The resurfaced asphalt mixture is to be SP 9.5 or Equivalent.
- E. The resurfacing is to be either completed by milling a minimum of 2-inches / max of 6-inches with drive course to follow, or to clean, prime and resurface the existing streets.
- F. The milling shall be in accordance with FDOT Specifications.
- G. The general intent of the resurfacing operations is to remove the majority of grade, excessive slopes, and failure irregularities.
- H. The awarded bidder shall provide a Pre-Construction Video.

PART 2 – SURFACE TREATMENT/COLORING REQUIREMENTS

2.01 PRODUCT

- A. Plexipave Crack Filler, as applicable.
- B. Acrylic ReSurface base coat surface treatment.
- C. Fortified Acrylics surface coloring/texture.

2.02 GENERAL PERFORMANCE

- A. Provide in-depth color, durability, and uniform surface texturing of the asphaltic surface. Color to be coordinated with City/Engineering staff.
- B. Provide surface markings/stripping as per the applicable sport's regulations/standards.

2.03 SCOPE OF WORK

- A. Pressure clean the work area, flood court surface with water and allow it to drain. Patch and level low lying areas.
 - 1. Contractor is responsible for supplying water to the site for this work.
- B. Clean and fill all cracks with Plexipave Crack Filler and patch all holes or gouges, as necessary.
- C. Furnish and apply two (2) coats minimum of Acrylic ReSurfacer to provide proper base coat.
- D. Furnish and apply two (2) coats minimum of Fortified Acrylics to provide in-depth color, durability and uniform surface texture.

PART 3 – FENCING SYSTEM

3.01 PRODUCT

- A. SCH 40 galvanized steel pipe chain-link fencing system.
- B. Color/finish: Black vinyl glad/coating.

3.02 GENERAL PERFORMANCE

- A. See notes, details, and exhibits provided by Owner/Engineer.
- B. Applicable for 3'-0" to 12'-0" high/tall chain-link fencing systems.
- C. Access Points: 6'-0" wide, clear openings, no gates.
- D. All posts shall be 3'-0" (min.) embedment set in 3,000-psi (min.) concrete footers.
- E. Ties shall be used to attach fabric to all horizontal rails at 24-inch centers (max.) and to intermediate/line posts at 14-inch center (max.).
- F. Ties shall wrap around post or rail and attach to fabric wire picket on each side by twisting the tie wire around the fabric wire picket two full turns. Cut off excess wire and bend over to prevent injury.
- G. For Parks and Recreation installations, all fabric tie terminations shall face away from the play area/field. Secure fabric to the tension wire by crimping hog rings around fabric wire picket and tension wire.
- H. All chain link fence walls to be strung through stretcher bars and attached to end post with clip.
- I. All chain link fence along pipe frame to be wire tied.
- J. All weld points shall be cleaned and painted with powdered zinc primer.
- K. All gates shall have heavy duty hinges and locking device. Provide shop drawing for review.
- L. Cap tops of uprights to be drive-on type.
- M. Use only heavy-duty latches on all gates.
- N. All fence fittings shall be installed in accordance with ASTM 626.
- O. All chain link mech to be knuckled down top and bottom.

3.03 UNIT SIZING

- A. All posts, braces, rails, etc. shall be A.S.A. SCH 40 galvanized steel.
- B. All terminal posts shall be 3-inch diameter.
- C. All intermediate/line posts for 10-ft to 12-ft high fencing system shall be 3-inch diameter.

- D. All intermediate/line posts for 3-ft to 8-ft high fencing system shall be 2-1/2-inch diameter.
- E. All brace rails (top, center, and bottom) shall be 1-5/8-inch diameter.
- F. Wire mesh shall be 2" square hot dipped galvanized 9-gauge mesh fabric with green vinyl clad finish.
- G. Tension wire shall be 7-gauge.
- H. Hog rings and wire tires shall be PVC coated 9-gauge galvanized steel wire.

3.04 INSTALLATION, PLACEMENT, AND CLEARANCES

- A. Fencing system shall be installed on center at 12-inch offset from existing asphalt.
- B. Fencing shall be installed with 2-inch (min.) clearance from bottom rail to finish grade.