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## GENERAL NOTES

1. GENERAL: Construct fencing in accordance with Developmental Specifications D550
2. FENCE OPTIONS: Install one of the following fence options as called for in the Plans:

Type P1 - Steel Loop Fence
Type P2 - Steel Chain Link Fence
-Type P3 - Rope Fence
Type P4 - Proprietary Alternative Steel Fence
3. TYPE P4 FENCE: Where called for in the plans, install a Proprietary Alternative Steel Fence as shown in the Department's Approved Products List (APL). Install this fence in
accordance with the manufacturer's requirements, and follow the limitations in the APL drawings


## NOTES:

1. MATERIALS: Use component materials as specified in the Table of Chain Link Fence Components. For the Concret Foundations shown, use either Class NS concrete as specified in Specification 347 or a dry packaged material
requirements of a concrete under ASTM C 387. Proportion materials by volume andlor weight. FOUNDATION MOUNTS: Set Line Posts in Concrete Foundations as shown or alternatively set with
(a) In accordance with project-specificic detaill described in the contract plans (b) In accordance with ASTM F567 Subsections 5.4 through 5.10 a
(c) In accordance with the Anchor Plate Detail shown on Sheet 4 Set End Posts, Pull Posts, and Corner Posts with the same methods as dine Posts, except that Concrete Foundations
must be used for all soil conditions other than solid rock. As an alternative to the Concrete Foundations shown herein, sha POST USAGE: Use post types (End, Line Corner, and Pull Posts) as specified in the plans, including the typical ad jacent braca assemblies shown. Nominal post lengths are typically $7^{\prime}-1^{\prime \prime}$, where the post height extends $3^{\prime \prime}$ above the chain link height.
2. Cold galvanizing: Cold galvanize all Posts (pipes), Post Caps, Brace Rails, Tensions Bars, and Bands with the Federal Standard No. 595, Color No. 27038 (Semi-Gloss Black) in accordance with Specification
3. POST SET TOLERANCE: Set Post in concrete with the Post $q$ at $\pm 1^{\prime \prime}$ from the $q$ of the installed Concrete Foundation.
4. MESH ORIENTATION: Place mesh on the side of the fence nearest the roadway, between the roadway and the brace rails.
5. GENERAL FENCE INSTALLATION/TOLERANCE: Install posts plumb, within a tolerance of $\pm 1^{\prime \prime}$ from nominal $\&$ of post. Assemble fence hardware in accordance with ASTM F567.
6. NUTS, BOLTS, AND WASHERS: Use as defined on Sheet 2 .
7. RETROREFLECTIVE SHEETING: Use as defined on Sheet 2. Place two Retroreflective Sheets, one sheet with its center approximately $1^{\prime}-6^{\prime \prime}$ above the Ground Line and one sheet with its center approximately $3^{\prime \prime}-2^{\prime \prime}$ above the Ground Line.

| table of chain link fence components |  |  |
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| COMPONENT | ASTM NO. | COMPONENT INFORMATION |
| Posts | F 1083 | Steel Pipe - 2" NPS, Schedule 80 - Not hot-dip galvanized (Outer Diameter 2.38", 0.218" Wall Thickness) |
| Chain Link Fabric 2" Mesh | F 668 | Polyvinyl Chloride (PVC) Coated Steel - No. 9 gage Zinc Coated Wire (Metallic coated core wire diameter) - Polymer coating color Federal Standard 595 color Semi-Gloss Black FS27038 Knuckled Selvage (Top and Bottom) |
| Tie Wires | F 626 | Zinc Coated Steel Wire - No. 9 gage |
| Tension Wire | A 824 | Type II (Zinc Coated Steel Wire) - No. 7 gage, Class 4 Coating |
| Brace Rails | F 1083 | Steel Pipe - $1 \frac{1}{4} / 1$ NPS, Schedule 40 - Not hot-dip galvanized (1.660" Outside Diameter, $0.140^{\prime \prime}$ Wall Thickness) |
| Brace Rail Bands | F 626 | No. 12 gage (Min. thickness) x 3/4" (Min. width) Steel Bands (Beveled or Heavy) |
| Tension Bars | F 626 | $3 / 16^{\prime \prime}$ (Min. thickness) x 3/4" (Min. width) $\times 3^{\prime}-11^{\prime \prime}$ (Min. height) Steel Bars |
| Tension Bands | F 626 | No. 14 gage (Min. thickness) $\times$ 3/4" (Min. width) Steel Bands |
| Hog Rings | F 626 | Zinc Coated Steel Wire - No. 12 gage |
| Miscellaneous Fence Components | F 626 | Zinc Coated Steel - Includes post or loop caps, horizontal and brace rail ends, and all other fittings and hardware |




