

SECTION 02820 – CHAIN LINK FENCING AND GATES

PART 1 – GENERAL

1. SUMMARY:
  - A. PROVIDE CHAIN LINK FENCING AND GATES FOR PERMANENT AND CONSTRUCTION FENCING AREAS AS INDICATED ON DRAWINGS AND/OR AS REQUIRED TO PROVIDE SEPARATION.
  - B. FENCES AND GATES TO BE A MINIMUM 4'-0" HIGH UNLESS NOTED OTHERWISE.
2. SUBMITTALS:
  - A. SUBMIT FOR APPROVAL PRODUCT DATA, SHOP DRAWINGS
3. QUALITY ASSURANCE:
  - A. COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR THREE YEARS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

PART 2 – PRODUCTS

1. MATERIALS:
  - A. ALL MATERIALS TO BE HOT DIPPED GALVANIZED.
  - B. FENCING AND FABRIC: 9 GAGE HOT-DIPPED GALVANIZED STEEL FENCING WITH 2" MESH, KNUCKLED TOP AND BOTTOM. TIES TO BE 9 GAGE.
  - C. STEEL LINE POSTS: 2" O.D. 2.28 LB. PER FT. GALVANIZED. POSTS TO BE SET WITH MINIMUM 1'-0" EMBED INTO 16" X 8" DIAMETER CONCRETE WHEN SET IN EARTH. MAXIMUM SPACING IS 10'-0". POSTS IN SLABS SHALL BE SET IN A MINIMUM 6" DEEP X 3" DIAMETER ALUMINUM SLEEVE OR CORE DRILLED HOLE AND GROUTED WITH POURROCK OR SIMILAR APPROVED MATERIAL. GROUT SHALL NOT ALLOW WATER TO POND AT THE POST.
  - D. STEEL TOP RAIL: 1 5/8" O.D. .84 LB. PER FT. GALVANIZED. RAILS SHALL BE CONTINUOUS WITH OUTSIDE SLEEVES. BOTTOM OF FENCING TO HAVE CONTINUOUS NO. 7 GALVANIZED TENSION WIRE SECURED TO POSTS.
  - E. STEEL TERMINAL, END, CORNER AND PULL POSTS (TERMINAL POSTS): 2 1/2 INCH O.D. 3.12 LB. PER FT. GALVANIZED. POSTS TO BE SET WITH MINIMUM 3'-0" EMBED INTO 3'-6" X 8" DIAMETER CONCRETE WHEN SET IN EARTH. MAXIMUM SPACING IS 10'-0". POSTS IN SLABS SHALL BE SET IN A MINIMUM 6" DEEP X 3 1/2" DIAMETER ALUMINUM SLEEVE OR CORE DRILLED HOLE AND GROUTED WITH POURROCK OR SIMILAR APPROVED MATERIAL. GROUT SHALL NOT ALLOW WATER TO POND AT THE POST.

**WEST NAVARRE INTERMEDIATE SCHOOL**  
**5 CLASSROOM ADDITION**

- F. BRACING BETWEEN TERMINAL, END, CORNER, GATE AND PULL POSTS: 1 5/8" O.D. 1.84 LB. PER FT. GALVANIZED. SPACE NO LOWER THAN ½ OF FABRIC WIDTH FROM TOP OF POST AND TRUSS BACK TO BASE OF ADJOINING POST.
- G. GATE POSTS
  - 1. GATES TO 6 FOOT WIDE: 2 ½" O.D. 3.12 LB. PER FT. GALVANIZED
  - 2. GATES OVER 6 FOOT WIDE: 3" O.D. 4.64 LB. PER FT. GALVANIZED
- H. GATE FRAMES: 1 5/8" O.D. 1.84 LB. PER. FT. GALVANIZED
- I. GATE HARDWARE: PROVIDE PADLOCK LATCHES.
- J. HARDWARE: PROVIDE NON REMOVABLE GALVANIZED POST CAPS FOR ALL POSTS

**PART 3 – EXECUTION**

- 1. INSTALLATION:
  - A. PROVIDE FENCING AROUND EQUIPMENT PADS UNLESS OTHER MATERIALS ARE INDICATED.
  - B. PROVIDE FENCING AT OTHER LOCATIONS AS INDICATED.
  - C. SET HINGE AND STRIKE ANCHORS IN MASONRY WALLS WHEN GATES ARE USED AT MASONRY ENCLOSURES.
  - D. INSTALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND APPROVED SUBMITTALS. INSTALL MATERIALS IN PROPER RELATION WITH ADJACENT CONSTRUCTION AND WITH UNIFORM APPEARANCE. COORDINATE WITH WORK OF OTHER SECTIONS.
  - E. RESTORE OR REPLACE DAMAGED COMPONENTS. CLEAN AND PROTECT WORK FROM DAMAGE.

END OF SECTION