

SECTION 02820

FENCING AND GATES

PART 1 - GENERAL

1.1 GENERAL REQUIREMENTS

Fences are intended to exclude all age classes of feral pigs. The following specifications are necessary to ensure that the fence functions as planned after installation and prevents feral pigs from entering the fenced area inclusive of Hog Wire Fence, inclusive of T-posts, concrete footings, and earth anchors.

PART 2 – MATERIALS

2.1 FENCE WIRE

1. ~~Woven wire, 1348-6-12.5: 330 ft roll x 48" high tensile steel woven Benzinal or Galvan coated longlife or "X" know hog wire fabric or equivalent, greater than Class III coating.~~

Woven wire – Bekaert (or acceptable substitute) 1348-6-12.5 fixed knot hog wire fence fabric 48" height with Class 3 coating or acceptable substitute.

2. ~~Single strand wire Galvanized steel smooth wire Benzinal coating or equivalent Class III coating or better, standard grade.~~

2.2 POSTS, PIPES, AND BRACES

1. T- Posts w/ anchors - Galvanized steel posts: T-133 posts ~~7' in length~~ 78" in length. Certified – ASTM RR-F-221/3A; Certified Galvanizing per ASTM 123, with anchor plate.
2. Pipe – Galvanized steel 2 7/8" OD for in-line brace (7') and posts; 2 3/8" OD for cross bracing of H-braces.
3. ~~Anchor Posts (Deadman) – Galvanized steel posts: T-133 posts 24" in length. Certified ASTM RR-F-221/3A; Certified Galvanizing per ASTM 123, with anchor plate, 1/4" hole 6 inches from the top.~~

Corner Brace Rail – Galvanized steel posts 6'-0" length Sch. 40, 1 7/8 O.D. minimum

2.3 FENCE PANELS

1. ~~Hot dipped, galvanized 50"x16' combination panels, 5 gauge. (used for tie ins and edges for stream crossings or cliff edges).~~

2.4 FASTENING HARDWARE

1. Bezinal coated clips, Galfan clips ~~or equivalent~~ or acceptable substitute, ~~greater than~~ class III coating or greater.
2. ~~Nicopress and caps (or equivalent)~~
3. ~~Arrow brackets (2 7/8" OD to 2 3/8" OD)~~
4. Hog rings of 9-gauge, Bezinal or Galfan hogrings ~~or equivalent~~ or acceptable substitute, ~~greater than~~ Class III coating or greater.

PART 3 - EXECUTION

3.1 PREPARATION AND COMPLETION OF WORK:

- A. Caution will be taken to avoid damaging the galvanization on the fence materials, thereby limiting future rust damage.
- B. ~~All fences should be built so that the walking path lies on the outside of the unit.~~
- C. ~~Wire mesh skirting will be used in areas of uneven or rocky ground or where there is potential for animals to burrow under the panel, attached to the panel by hog rings, and secured to the ground with 24" anchors/ or stakes. The bottom of the hog panel must be flush with the ground. When the ground is uneven, it must first be graded to accommodate the fence panel.~~

Grades along the fenceline should be straight and set evenly with the bottom line of wire of the fence fabric flush to grade. Duckbill earth anchors or an acceptable substitute may be used to close any gaps greater than 1 inch along the bottom of the fence. Duckbill anchors are also necessary to secure fencing near structures or objects that could be moved, blown over, or displaced

- D. All fence material must be visibly inspected for any pests before being delivered to the jobsite. Care should be taken not to have fence panels damaged and/or bent out of shape when transporting.

END OF SECTION