

Appendix C

Sand Fencing

Exhibit A through F

EXHIBIT "A"

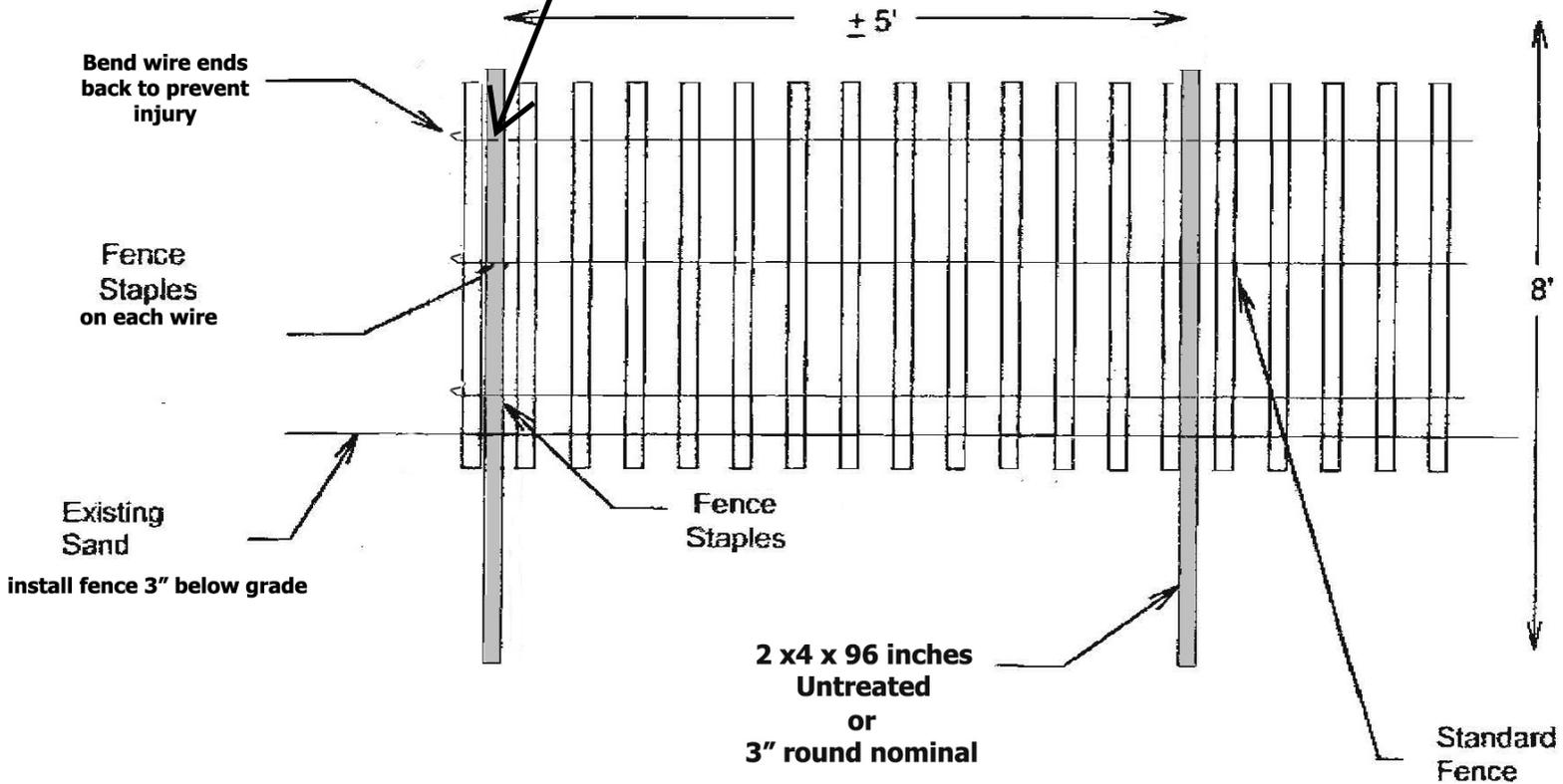
Fence shall not be spliced together between posts.

Fasten fence between first and second slat.
One slat must extend beyond fence.
There should be a full factory wire twist extending beyond last slat.
Do not cut fence in middle of twist between slats.
See fence cut detail sheet exhibit B.

SAND FENCE TYPICAL

Plan View

Distance between posts is $\pm 5'$. Total length of section is 9'6" to 10'.



Lower end of 2 x 4 may be sharpened / beveled not to exceed 6 inches to facilitate installation in sand.
Sand shall be trenched out 3 inches deep and fence shall be placed in the bottom of trend and sand filled back in after installation.
Fencing units shall be straight along their length and shall be installed upright and plumb.
1.5" Galvanized fencing staples shall secure the fence at each binding wire on the upright 2 x 4 posts.

EXHIBIT "B"

Sand Fence Cut Detail

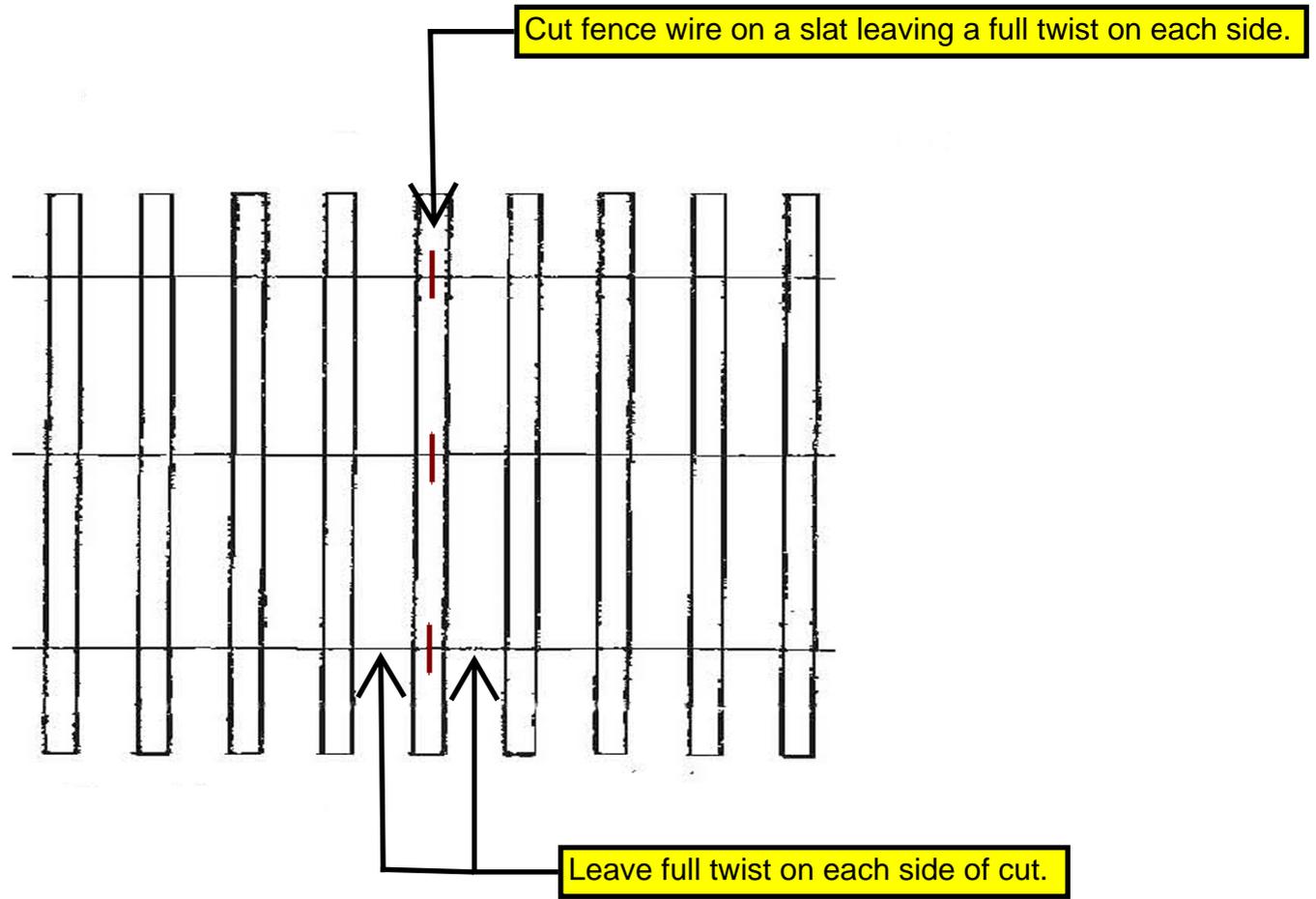


EXHIBIT "D"

SAND FENCE

Typical Section # 2

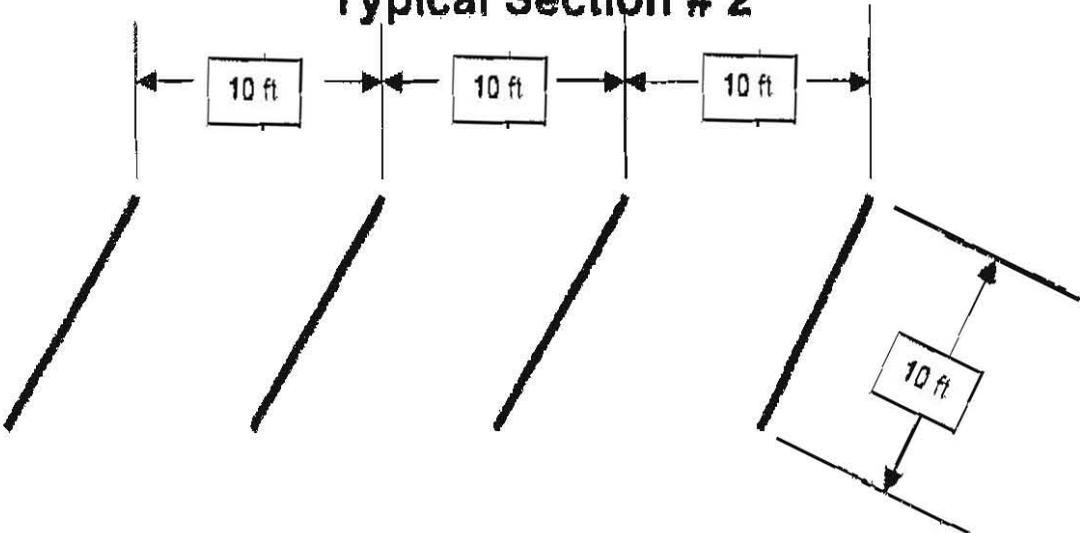


EXHIBIT "E"

SAND FENCING RULES

15A NCAC 07H .0311 INSTALLATION AND MAINTENANCE OF SAND FENCING

- (a) Sand fencing may only be installed for the purpose of: building sand dunes by trapping wind blown sand; the protection of the dune(s) and vegetation (planted or existing).
- (b) Sand fencing shall not impede existing public access to the beach, recreational use of the beach, or emergency vehicle access. Sand fencing shall not be installed in a manner that impedes or restricts established common law and statutory rights of public access and use of public trust lands and waters.
- (c) Sand fencing shall not be installed in a manner that impedes, traps or otherwise endangers sea turtles, sea turtle nests or sea turtle hatchlings. CAMA permit applications for sand fencing shall be subject to review by the Wildlife Resources Commission and the U.S. Fish and Wildlife Service in order to determine whether or not the proposed design or installation will have an adverse impact on sea turtles or other threatened or endangered species.
- (d) Non-functioning, damaged, or unsecured sand fencing shall be immediately removed by the property owner.
- (e) Sand fencing shall not be placed on the wet sand beach area.

History Note: Authority G.S. 113A-107; 113A-113(b)(6) Eff. August 1, 2002.

15A NCAC 07K .0212 INSTALLATION AND MAINTENANCE OF SAND FENCING

Sand fences that are installed and maintained subject to the following criteria are exempt from the permit requirements of the Coastal Area Management Act:

- (1) Sand fencing may only be installed for the purpose of: building sand dunes by trapping wind blown sand; the protection of the dune(s) and vegetation (planted or existing).
- (2) Sand fencing shall not impede existing public access to the beach, recreational use of the beach or emergency vehicle access. Sand fencing shall not be installed in a manner that impedes or restricts established common law and statutory rights of public access and use of public trust lands and waters.
- (3) Sand fencing shall not be installed in a manner that impedes, traps or otherwise endangers sea turtles, sea turtle nests or sea turtle hatchlings.
- (4) Non-functioning, damaged, or unsecured sand fencing shall be immediately removed by the property owner.
- (5) Sand fencing shall be constructed from evenly spaced thin wooden vertical slats connected with twisted wire, no more than 5 feet in height. Wooden posts or stakes no larger than 2" X 4" or 3" diameter shall support sand fencing.
- (6) Location. Sand fencing shall be placed as far landward as possible to avoid interference with sea turtle nesting, existing public access, recreational use of the beach, and emergency vehicle access.
 - (a) Sand fencing shall not be placed on the wet sand beach area.
 - (b) Sand fencing installed parallel to the shoreline shall be located no farther waterward than the crest of the frontal or primary dune; or
 - (c) Sand fencing installed waterward of the crest of the frontal or primary dune shall be installed at an angle no less than 45 degrees to the shoreline. Individual sections of sand fence shall not exceed more than 10 feet in length (except for public accessways) and shall be spaced no less than seven feet apart, and shall not extend more than 10 feet waterward of the following locations, whichever is most waterward, as defined in 15A NCAC 7H .0305: the first line of stable natural vegetation, the toe of the frontal or primary dune, or erosion escarpment of frontal or primary dune; and
 - (d) Sand fencing along public accessways may equal the length of the accessway, and may include a 45-degree funnel on the waterward end. The waterward location of the funnel shall not exceed 10 feet of the locations identified in Item (6)(c) of this Rule.

History Note: Authority G.S. 113A-103(5)c.; Eff. August 1, 2002.

EXHIBIT "F"
SAND FENCING GRAPHICS
PER CAMA REGULATIONS

*** Note - CAMA regs require a minimum spacing of 7 feet. Spacing for this project is 10 feet between fence units.

