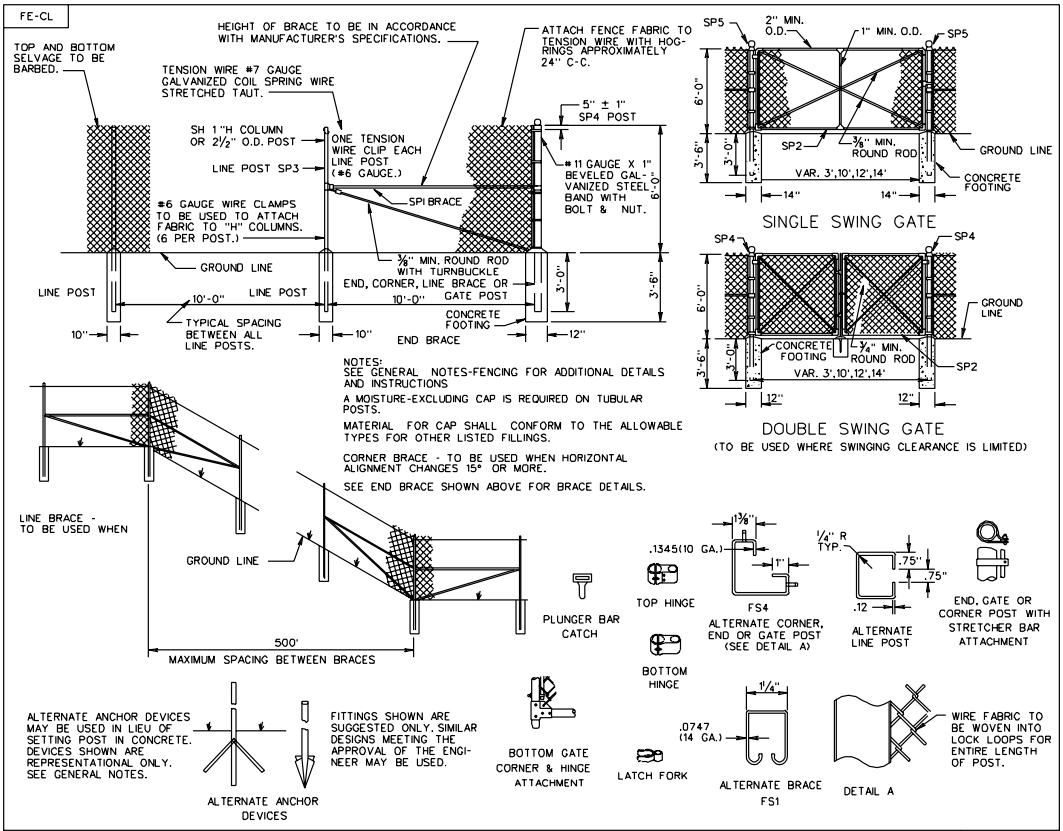
FE-CL



NOTES:
SEE GENERAL NOTES-FENCING FOR ADDITIONAL DETAILS AND INSTRUCTIONS

A MOISTURE-EXCLUDING CAP IS REQUIRED ON TUBULAR POSTS.

MATERIAL FOR CAP SHALL CONFORM TO THE ALLOWABLE TYPES FOR OTHER LISTED FILLINGS.

CORNER BRACE - TO BE USED WHEN HORIZONTAL ALIGNMENT CHANGES 15° OR MORE.

SEE END BRACE SHOWN ABOVE FOR BRACE DETAILS.

STANDARD FENCE CHAIN LINK

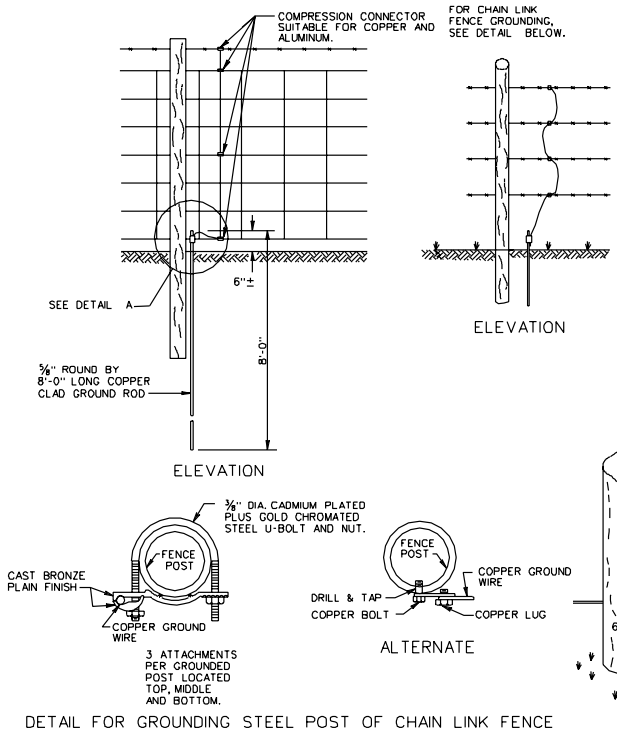
VIRGINIA DEPARTMENT OF TRANSPORTATION

NEW. 1/04

502.04

SPECIFICATION REFERENCE
242
507

FE-6



NOTES:
APPROXIMATE MATERIALS PER INSTALLATION:
1-⅝" ROUND BY 8'-0" LONG COPPER CLAD GROUND ROD.
1 GROUND ROD CLAMP
1-7'-0" #6 AWG SOLID COPPER WIRE
3* COMPRESSION CONNECTORS (SUITABLE FOR COPPER AND ALUMINUM)

* MINIMUM 3 CONNECTORS FOR 47" FENCE FABRIC TO BE SECURED TO TOP, BOTTOM AND ONE INTERMEDIATE HORIZONTAL WIRE STRAND. ONE ADDITIONAL CONNECTOR TO BE FURNISHED FOR EACH STRAND OF BARBED WIRE.

ON BARBED WIRE INSTALLATIONS, ONE CONNECTOR IS TO BE FURNISHED FOR EACH STRAND.

GROUND WIRE IS TO BE IN CONTACT WITH HORIZONTAL WIRE OF FENCE BY COMPRESSION CONNECTORS AS SHOWN.

GROUND RODS TO BE LOCATED ON POST SIDE OF FENCE AND AS CLOSE AS POSSIBLE TO POST AND FENCE.

UNLESS CALLED FOR IN THE PLANS OR DIRECTED BY THE ENGINEER, FENCE GROUNDING WILL BE REQUIRED FOR METAL FENCES INCLUDING PLASTIC COATED FENCE FABRIC AT THE FOLLOWING LOCATIONS.

- WHEN HIGH VOLTAGE LINES (500 kv AND ABOVE) CROSS ABOVE THE FENCE. GROUNDS SHALL BE INSTALLED 50' BEYOND THE OVERHEAD CROSSING POINT OF THE OUTER MOST CONDUCTORS OF THE HIGH VOLTAGE LINES.
- WHEN THE HIGH VOLTAGE LINES (500 kv AND ABOVE) THAT ARE PARALLEL TO AND WITHIN 40' HORIZONTALLY OF THE FENCE. GROUNDS SHALL BE INSTALLED AT 50' INTERVALS ALONG THE FENCE FOR THE PARALLEL SECTION OF FENCE AND HIGH VOLTAGE LINES.

COST FOR FURNISHING AND PLACING ALL GROUNDING MATERIALS IS TO BE INCLUDED IN PRICE BID PER LINEAR METER OF FENCE.

DETAILS SHOWN HEREON ARE TO APPLY TO ALL FENCE TYPES. LAWN FENCES WILL BE GROUNDED ONLY WHEN RECOMMENDED BY THE ENGINEER.

STANDARD METHOD OF FENCE GROUNDING

VIRGINIA DEPARTMENT OF TRANSPORTATION

NEW. 1/04

502.07

SPECIFICATION REFERENCE
507
236

SPECIAL DESIGN SECTION
DRAWING NO. A-152
NEW 1/04

PLAN NO. | PROJECT | FILE NO. | SHEET NO.

SURVEYED BY
SUPERVISED BY AAA
DESIGNED BY BBB

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REVISED | STATE VA. | FEDERAL AID PROJECT | ROUTE | STATE PROJECT | SHEET NO.