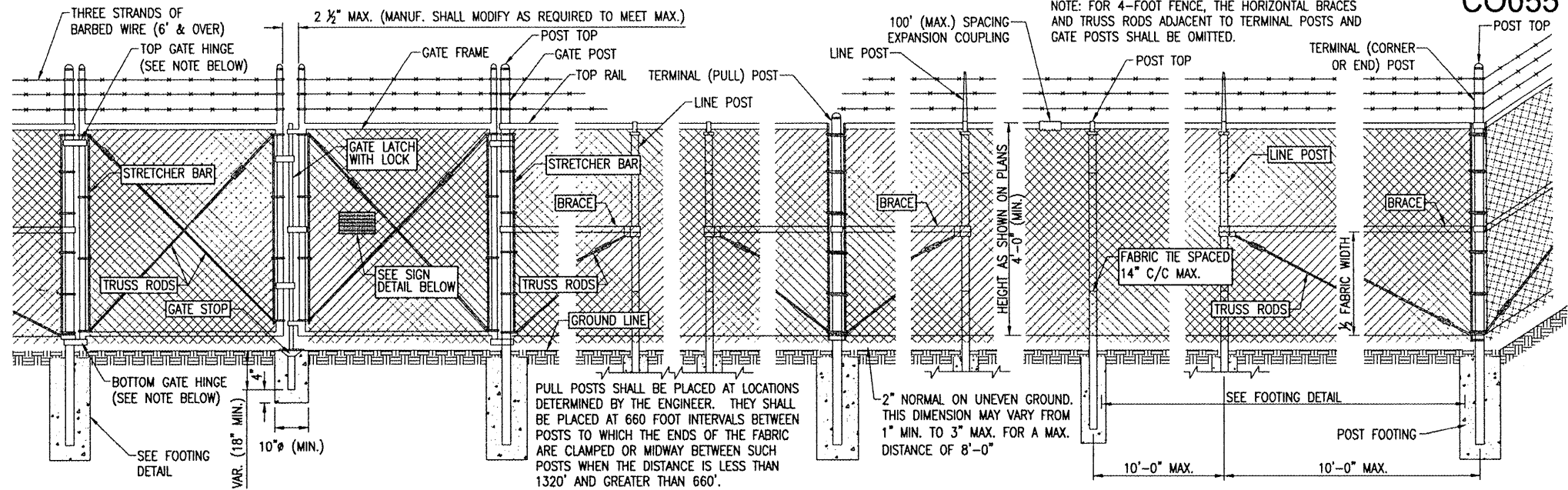


TYPICAL SLIDE GATE STOP SIGN
NOT TO SCALE

SLIDE GATE STOP SIGN NOTE

THE PROPOSED SLIDE GATE STOP SIGN WILL BE LOCATED WITHIN 20' (MINIMUM) TO 40' (MAXIMUM) DISTANCE FROM THE PROPOSED SLIDE GATE. ONE SIGN WILL BE INSTALLED ON BOTH SIDES OF THE PROPOSED SLIDE GATE. EXACT LOCATION WILL BE DETERMINED BY THE AIRPORT MANAGER. THESE SIGNS WILL BE PAID FOR UNDER ITEM NO. AR910200 "ROADWAY SIGN" - PER EACH.

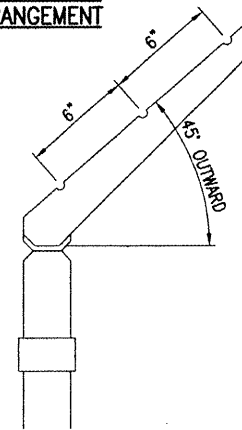


VEHICLE GATE ARRANGEMENT

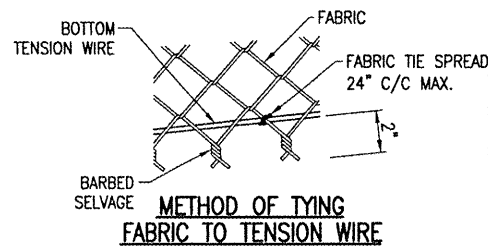
PULL POST ARRANGEMENT

LINE POST ARRANGEMENT

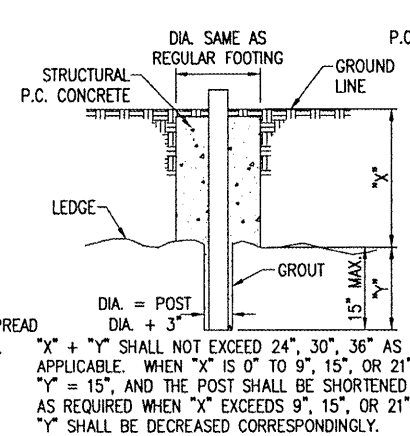
CORNER OR END POST ARRANGEMENT



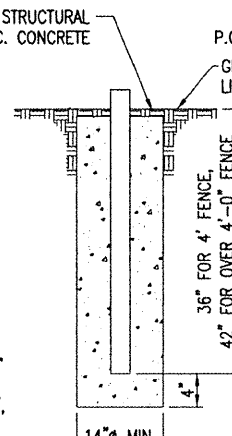
DETAIL - BARBED WIRE ARM OF LINE POST
(ONLY FOR OVER 48" FENCE)



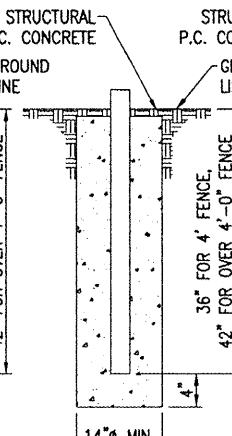
METHOD OF TYING FABRIC TO TENSION WIRE



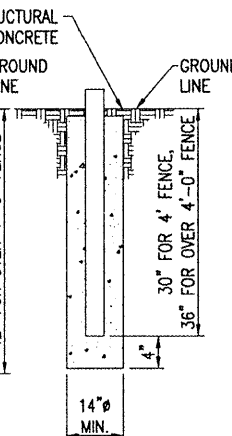
FOOTING FOR POST WHEN ROCK LEDGE IS ENCOUNTERED



FOOTING FOR TERMINAL POST



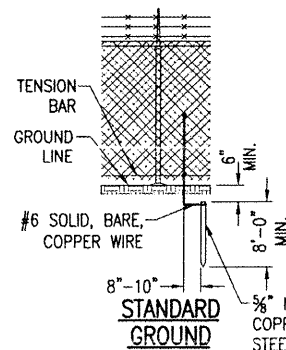
FOOTING FOR GATE POST



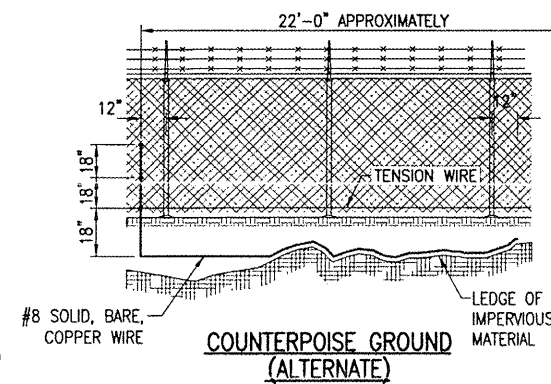
FOOTING FOR LINE POST

GENERAL NOTE:

CONTINUOUS FENCE SHALL BE GROUNDED AT INTERVALS NOT EXCEEDING 500 FT IN URBAN AREAS AND 1,000 FT IN RURAL AREAS. THERE SHALL BE A GROUND WITHIN 100 FT OF GATES IN EACH SECTION OF THE FENCE ADJACENT TO THE GATE. FENCE UNDER A POWER LINE SHALL BE GROUNDED BY THREE GROUNDS; ONE DIRECTLY UNDER THE CROSSING AND ONE ON EACH SIDE 25 FT TO 50 FT AWAY. A SINGLE GROUND SHALL BE LOCATED DIRECTLY UNDER EACH TELEPHONE WIRE OR CABLE CROSSING. THE COUNTERPOISE GROUND SHALL BE USED ONLY WHERE IT IS IMPOSSIBLE TO DRIVE A GROUND ROD. THE GROUND WIRE SHALL BE CONNECTED TO THE FABRIC AND TENSION WIRE WITH UL LISTED GROUNDING CONNECTORS OF CAST BRONZE BODY AND BRONZE OR STAINLESS STEEL BOLTS AND WASHERS. GROUNDING CONNECTORS SHALL BE SIZED AND SUITABLE FOR THE RESPECTIVE APPLICATION. CONNECTIONS TO GROUND RODS SHALL BE WITH UL LISTED GROUNDING CONNECTORS SUITABLE FOR DIRECT BURIAL IN EARTH OR EXOTHERMIC WELD TYPE CONNECTORS, CADWELD BY ERICO PRODUCTS, INC., SOLON, OHIO, (PHONE 1-800-248-9353), THERMOWELD BY CONTINENTAL INDUSTRIES, INC., TULSA, OKLAHOMA (PHONE 918-663-1440) OR ULTRAWELD BY HARGER, GRAYSLAKE, ILLINOIS (PHONE 1-800-842-7437). EXOTHERMIC WELD CONNECTIONS SHALL BE INSTALLED IN CONFORMANCE WITH THE RESPECTIVE MANUFACTURER'S DIRECTIONS USING MOLDS SUITABLE FOR EACH RESPECTIVE APPLICATION. GROUND RODS SHALL BE 5/8-IN. DIAMETER BY 8 FT LONG (MINIMUM), UL-LISTED, COPPER-CLAD. THE GROUND WIRE USED TO BOND THE FENCE FABRIC AND TENSION WIRE TO THE GROUND ROD SHALL BE #6 AWG BARE SOLID COPPER CONDUCTOR.

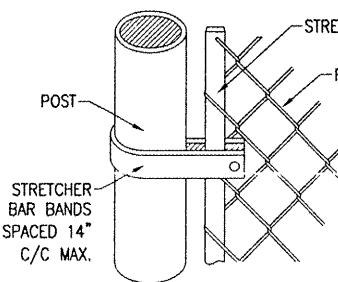


STANDARD GROUND

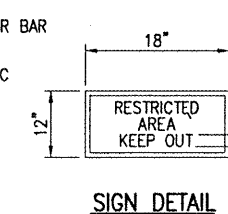


COUNTERPOISE GROUND (ALTERNATE)

PROTECTIVE ELECTRICAL GROUND

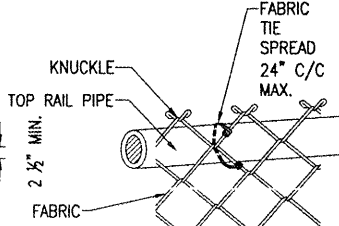


METHOD OF FASTENING STRETCHER BAR TO POST

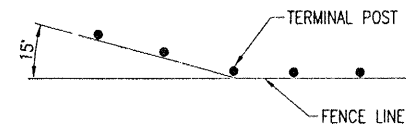


SIGN DETAIL

NOTE: 0.08 GA. ALUMINUM ALLOY SHEET LETTERING COLOR SHALL BE RED. EACH GATE SHALL REQUIRE ONE SIGN. EVERY 400' OF FENCE SHALL REQUIRE ONE SIGN.



METHOD OF TYING FABRIC TO PIPE



WHERE THE FENCE LINE HAS A CHANGE IN DIRECTION OF 15° OR MORE, A TERMINAL POST SHALL BE PLACED AS SHOWN ABOVE. WHERE ANGLE IS LESS THAN 15° AND EXISTING CONDITIONS REQUIRE TERMINAL POST, THEY SHALL BE PLACED AS DIRECTED BY ENGINEER.

BY	
REVISION	
DATE	

COLES COUNTY AIRPORT AUTHORITY
COLES COUNTY AIRPORT
A.I.P. PROJ.: 3-17-0066-B22
IL PROJ.: MFD-3831

Hanson Project No.	08A0147D_0800
File Name	R-577FENDWG
Scale	NOT TO SCALE
Date	08/04/08
LAYOUT	CAH 08/04/08
DRAWN	BAK 08/04/08
REVIEWED	CAH xx/xx/xx

HANSON
Hanson Professional Services Inc.
Springfield, Illinois 62703-2886
Offices Nationwide

PERIMETER FENCE INSTALLATION
PROPOSED FENCE DETAILS