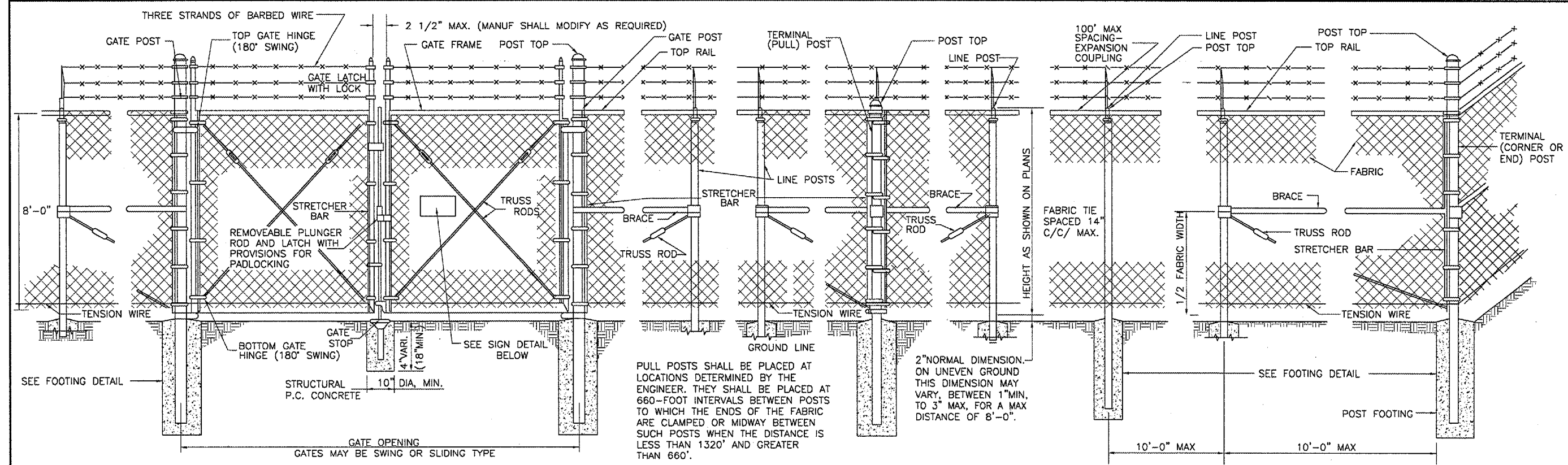
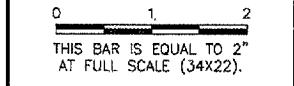
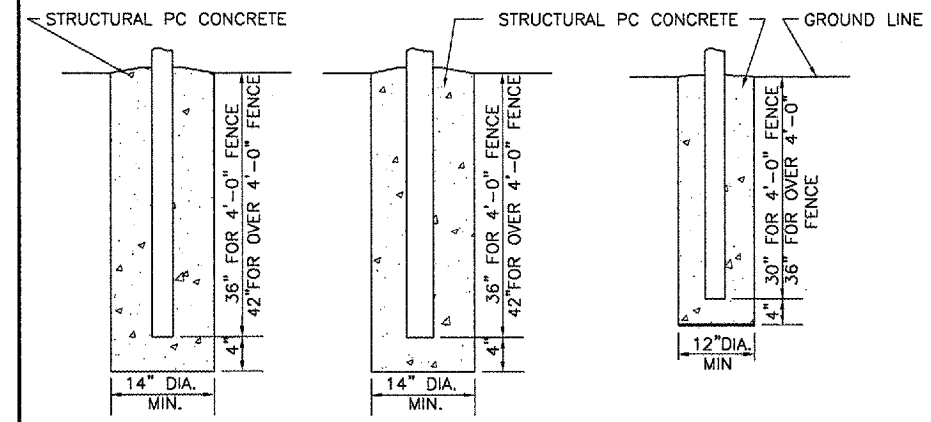


REVISIONS		
NUMBER	BY	DATE



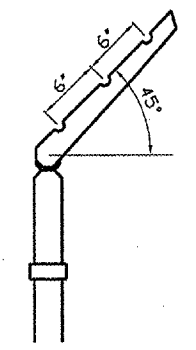
**VEHICLE GATE ARRANGEMENT**  
 (VERTICAL AND HORIZONTAL BRACING NOT SHOWN IN GATE)



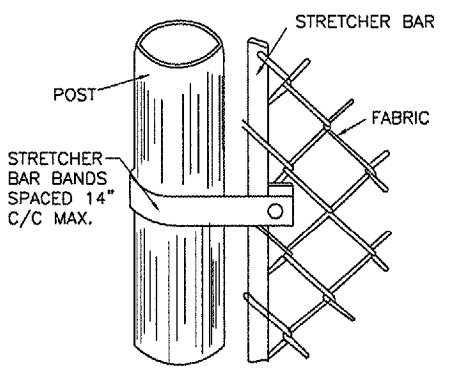
**FOOTING FOR TERMINAL POST**

**FOOTING FOR GATE POST**

**FOOTING FOR LINE POST**

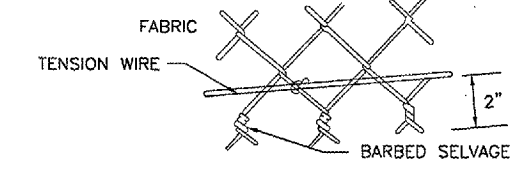


**DETAIL - BARBED WIRE ARM ON LINE POST**



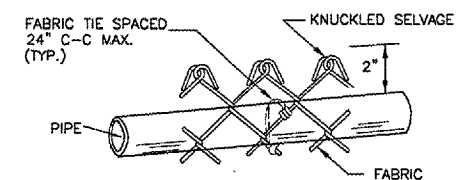
**METHOD OF FASTENING STRETCHER BAR TO POST**

**PULL POST ARRANGEMENT**



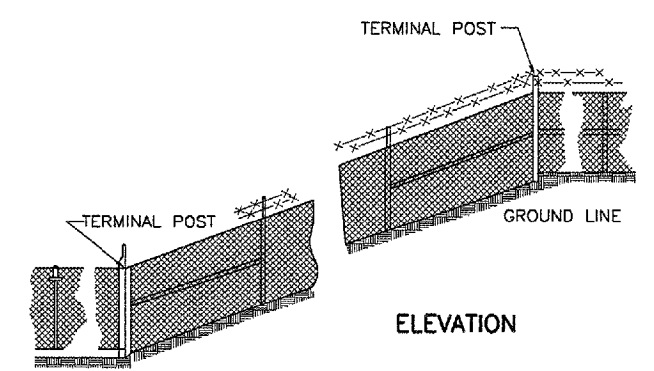
**METHOD OF TYING FABRIC TO TENSION WIRE**

**LINE POST ARRANGEMENT**



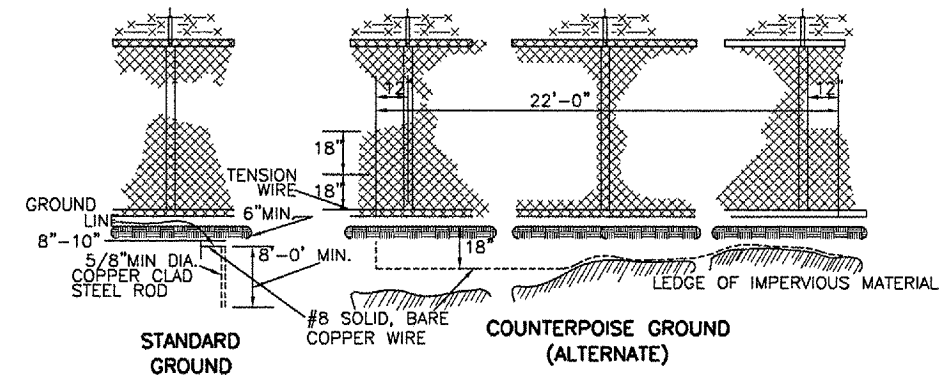
**METHOD OF TYING FABRIC TO TOP RAIL PIPE**

**CORNER OR END POST ARRANGEMENT**



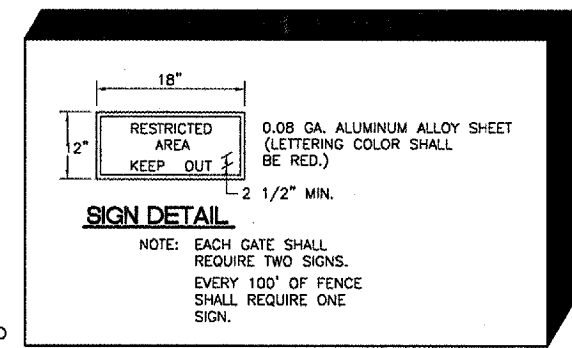
**ELEVATION**

**FENCE INSTALLATION ON SLOPES**



**PROTECTIVE ELECTRICAL GROUND**

**NOTES:**  
 -CONTINUOUS FENCE SHALL BE GROUNDED AT INTERVALS NOT EXCEEDING 1000' EXCEPT THERE SHALL BE A GROUND NOT EXCEEDING 100 FT. FROM A GATE IN EACH SECTION OF THE FENCE ADJACENT TO THE GATE.  
 -FENCE UNDER POWER LINE SHALL BE GROUNDED BY THREE GROUNDS, ONE DIRECTLY UNDER THE CROSSING AND ONE ON EACH SIDE 25 TO 50 FT. AWAY. A SINGLE GROUND SHALL BE LOCATED DIRECTLY UNDER EACH TELEPHONE WIRE OR CABLE CROSSING.  
 -THE COUNTERPOISE SHALL BE USED ONLY WHERE IT IS IMPOSSIBLE TO DRIVE A GROUND ROD BECAUSE OF AN IMPERVIOUS EARTH STRUCTURES.  
 -THE GROUND WIRE SHALL BE CONNECTED TO THE FABRIC, TENSION WIRE AND THE GROUND ROD BY A MECHANICAL CLAMP OF CAST BRONZE BODY AND BRONZE OR STAINLESS STEEL BOLTS AND WASHERS.



**SIGN DETAIL**

NOTE: EACH GATE SHALL REQUIRE TWO SIGNS. EVERY 100' OF FENCE SHALL REQUIRE ONE SIGN.

UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT

REHABILITATE AIR CARRIER RAMP, PHASE 2  
 FENCE DETAILS

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DESIGN BY: SMS  
 DRAWN BY: CMT  
 CHECKED BY: *SMS*  
 APPROVED BY: *SMS*  
 DATE: 4/27/2007  
 JOB No: 0305903