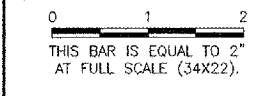


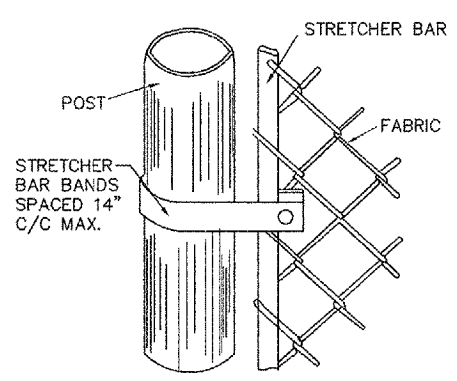
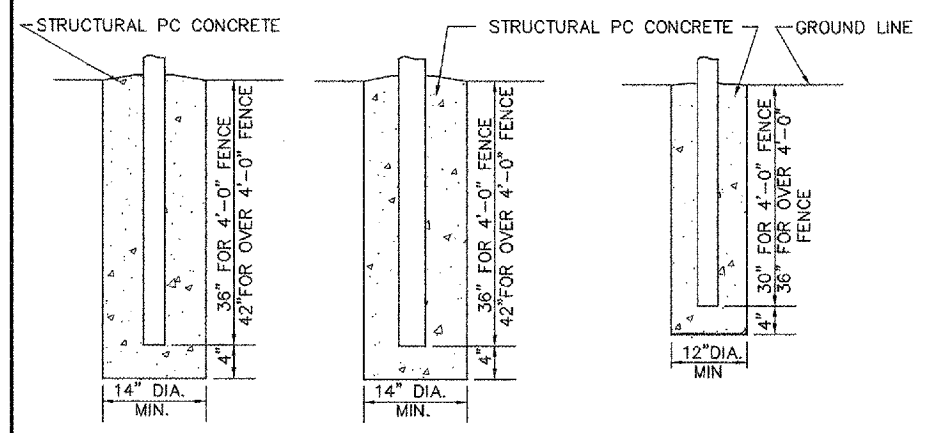
REVISIONS

NUMBER	BY	DATE



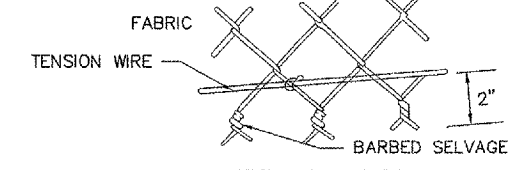
**VEHICLE GATE ARRANGEMENT**

(VERTICAL AND HORIZONTAL BRACING NOT SHOWN IN GATE)

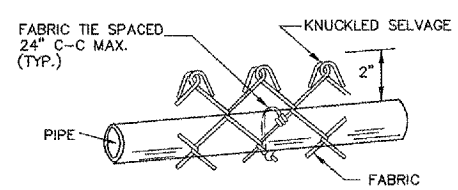


**METHOD OF FASTENING STRETCHER BAR TO POST**

**PULL POST ARRANGEMENT**

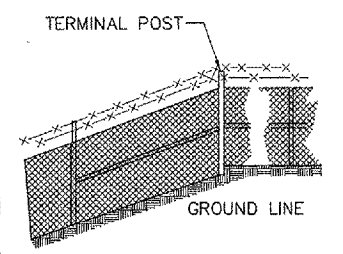


**METHOD OF TYING FABRIC TO TENSION WIRE**

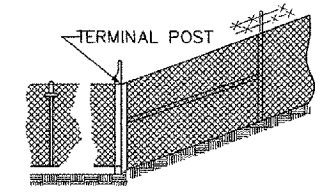


**METHOD OF TYING FABRIC TO TOP RAIL PIPE**

**CORNER OR END POST ARRANGEMENT**



**ELEVATION**

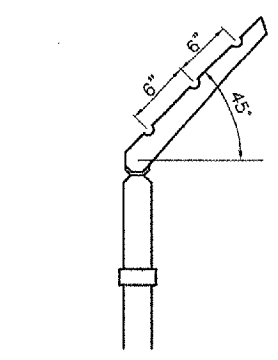


**FENCE INSTALLATION ON SLOPES**

**FOOTING FOR TERMINAL POST**

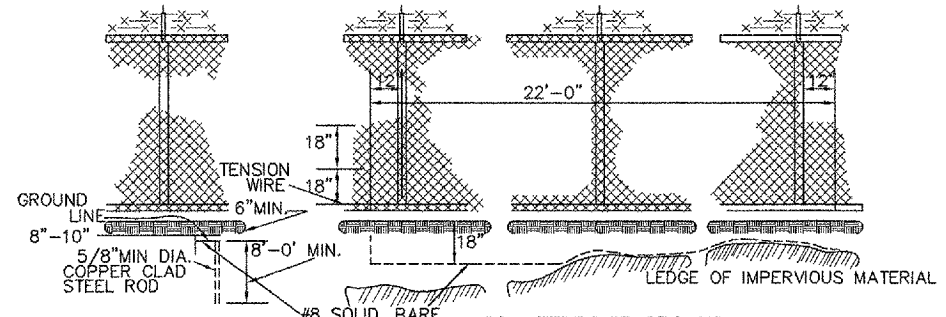
**FOOTING FOR GATE POST**

**FOOTING FOR LINE POST**



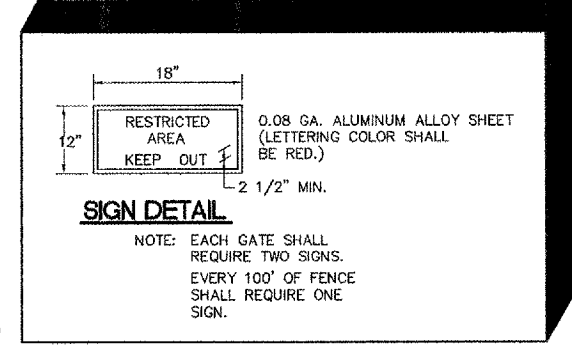
**DETAIL - BARBED WIRE ARM ON LINE POST**

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



**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.



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

UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE AIR CARRIER RAMP  
 FENCE DETAILS SHEET 1

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DESIGN BY: CMT  
 DRAWN BY: CMT  
 CHECKED BY: SMS  
 APPROVED BY: [Signature]  
 DATE: 06/10/05  
 JOB No: 03059-03-00  
 IL. PROJECT: CMI-3449  
 A.I.P. PROJECT: 3-17-0016-22  
 SHEET 41 OF 58 SHEETS