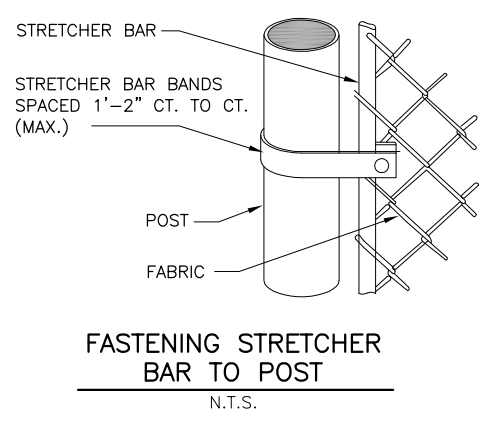
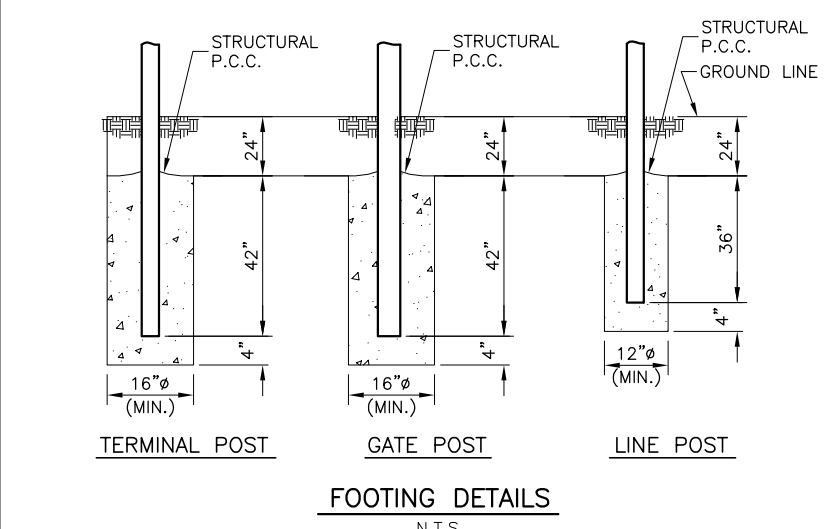
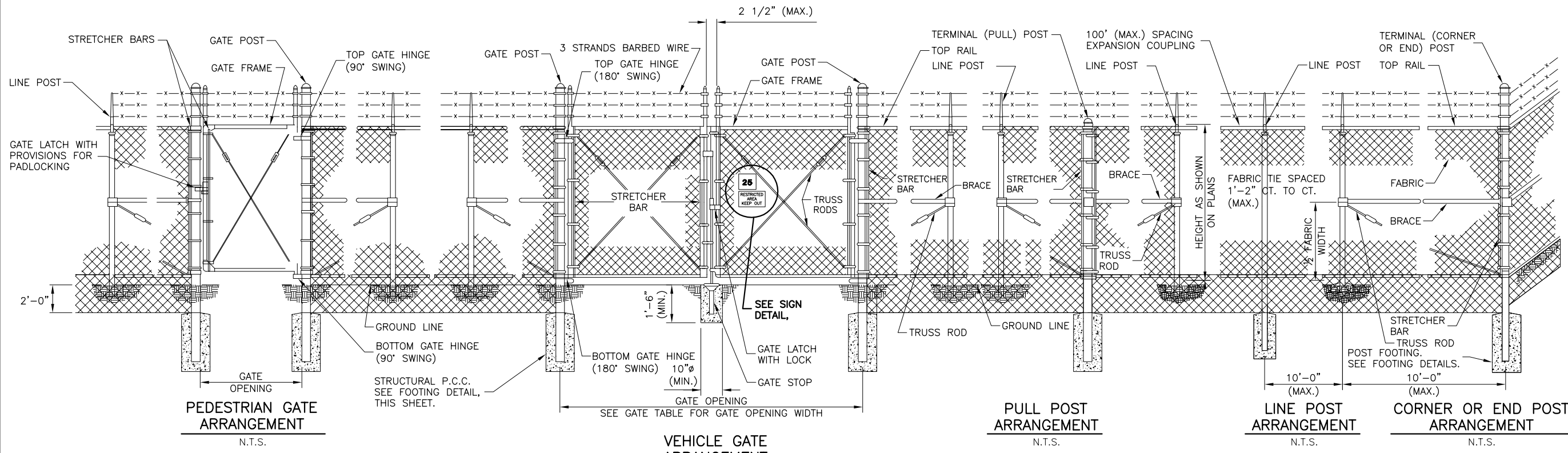
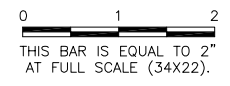
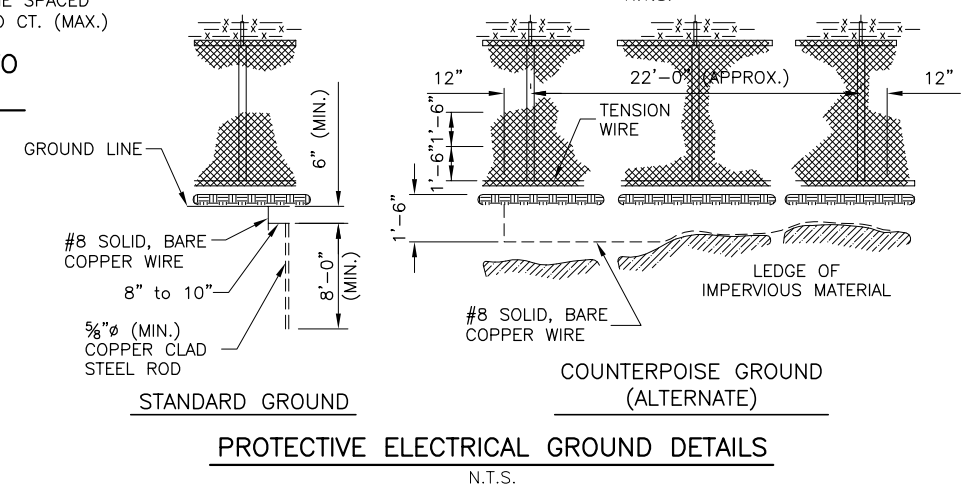
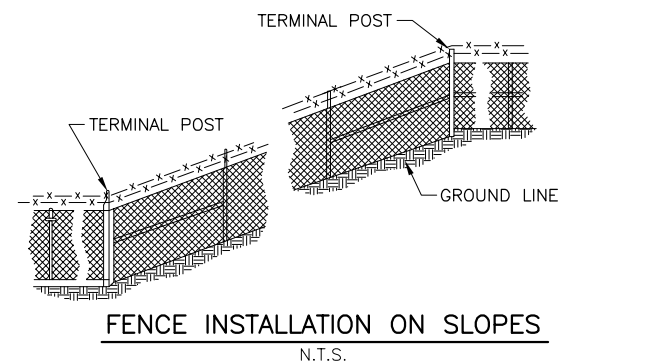
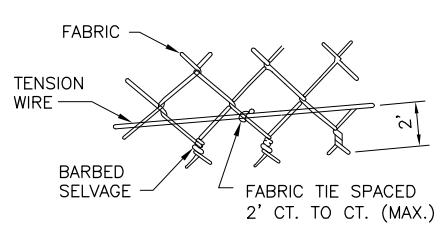


CA011

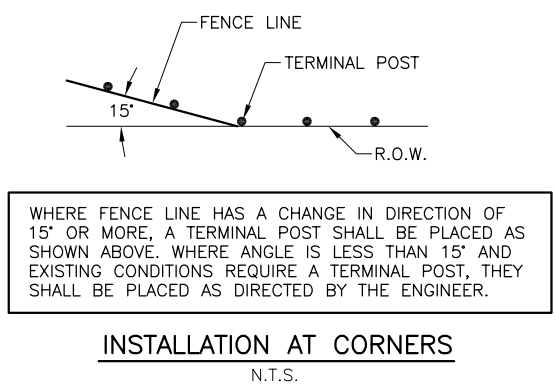
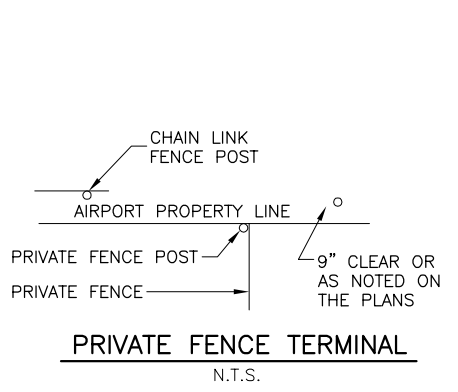
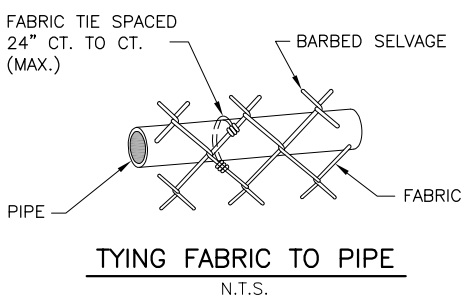
REVISIONS		
NUMBER	BY	DATE
1	CBG	3/7/11



PULL POSTS SHALL BE PLACED AT LOCATIONS DETERMINED BY THE ENGINEER. THEY SHALL BE PLACED AT 500 FT. INTERVALS BETWEEN POSTS TO WHICH THE ENDS OF THE FABRIC ARE CLAMPED OR MIDWAY BETWEEN SUCH POSTS WHEN THE DISTANCE IS LESS THAN 1000 FT. AND GREATER THAN 500 FT.



POST TYPE	FENCE POST SHAPE, SIZE AND WEIGHT					
	FENCE POST MATERIAL					
	ROUND STEEL PIPE SCH. 40		ROUND STEEL PIPE SS 40		ROLL FORMED C SECTION	
	DIAMETER	WEIGHT	DIAMETER	WEIGHT	SIZE	WEIGHT
CORNER, END, PULL	4.0" O.D.	9.11 LB/FT	4.0" O.D.	6.57 LB/LF	3.25" X 2.5"	4.50 LB/FT
LINE POST	2.875" O.D.	5.79 LB/FT	2.875" O.D.	4.64 LB/LF	3.25" X 2.5"	4.50 LB/FT
TOP RAIL	1.66" O.D.	2.77 LB/FT	1.66" O.D.	1.84 LB/LF	1.625" X 1.25"	1.35 LB/FT
GATE POST	6.25" O.D.	18.97 LB/FT	N/A	N/A	N/A	N/A



- NOTES**
- CONTINUOUS FENCE SHALL BE GROUNDED AT INTERVALS NOT EXCEEDING 500 FT. EXCEPT THERE SHALL BE A GROUND NOT EXCEEDING 100 FT. FROM GATE IN EACH SECTION OF THE FENCE ADJACENT TO THE GATE.
 - FENCE UNDER POWER LINES SHALL BE GROUNDED BY 3 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 CROSSINGS.
 - THE COUNTERPOISE SHALL BE USED ONLY WHERE IT IS IMPOSSIBLE TO DRIVE A GROUND ROD BECAUSE OF IMPERVIOUS EARTH STRUCTURES.
 - THE GROUND WIRE SHALL BE CONNECTED TO THE FABRIC AND THE GROUND ROD BY A MECHANICAL CLAMP OF CAST BRONZE BODY AND BRONZE OR STAINLESS STEEL BOLTS AND WASHERS. WHEN A TENSION WIRE IS REQUIRED, THE BOTTOM CONNECTION OF THE GROUND WIRE SHALL BE MADE TO THE TENSION WIRE.
 - ALL PROPOSED CLASS E FENCE SHALL MEET THE REQUIREMENTS OF IDOT STANDARD 664001-01 WHERE APPLICABLE.

SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, ILLINOIS
UPGRADE PERIMETER FENCE PHASE 3
FENCE DETAIL 1
BURIED FENCE

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DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	CBG
APPROVED BY:	RLV
DATE:	01/14/2011
JOB No:	08035-04-00
IL PROJ. NO.	SPI-4088
AIP PROJ. NO.	3-17-0096-XX
SHEET	22 OF 31 SHEETS