

**PULL POST** ARRANGEMENT

Maria Same

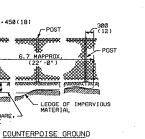
NOTE:
PULL POSTS SHALL BE PLACED AT 660 FOOT MAXIMUM
INTERVALS OR AT LOCATIONS DETERMINED BY THE
CONSTRUCTION MANAGER. PLAL POST SHALL BE
LOCATED MIDWAY BETWEEN POSTS THAT ARE LESS
THAN 1320' AND GREATER THAN 660'. THE ENDS
OF THE FABRIC SHALL BE CLAMPED TO PULL POST.

STANDARD GROUND

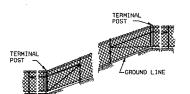
LINE POST ARRANGEMENT

ARRANGEMENT

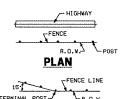
**CORNER OR END POST** 







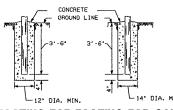
**INSTALLATION ON SLOPES** 



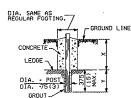
WHEN FENCE LINE HAS A CHANGE IN DIRECTION OF 15  $^{\circ}$  OR MORE, A TERMINAL POST SHALL BE PLACED AS SHOWN ABOVE.

WHERE ANGLE IS LESS THAN 15' AND EXISTING CONDITIONS REQUIRE A TERMINAL POST, THEY SHALL BE PLACED AS DIRECTED BY THE RESIDENT ENGINEER.

**INSTALLATION AT CORNERS** 



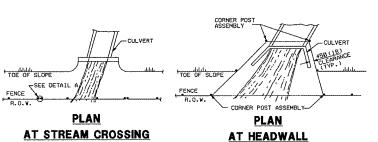
## FOOTING FOR FOOTING FOR GATE LINE POST & TERMINAL POST

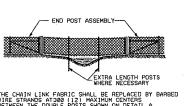


## FOOTING FOR POST IN **ROCK LEDGE**

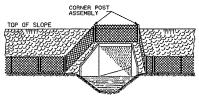
## **GENERAL NOTES**

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

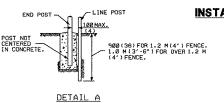


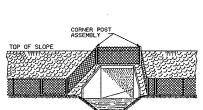


**ELEVATION INSTALLATION OVER STREAM** 



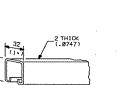
**INSTALLATION AROUND HEADWALL** 





**ELEVATION** 





## ROLL FORMED SECTION OF BRACE

LINE POST		
SECTION	KG/M (LBS./FT.)	ļ
IPE TYPE A 48.3 0.D. (1.90)	4.05 (2.72)	St
IPE TYPE B 48.3 O.D. (1.90)	3.39	PIPE TYPE A
IPE TYPE C 48.3 O.D. (1.90)	3.36	PIPE TYPE B
47.6X41.3 (1.875X1.625)	4.05 (2.72)	PIPE TYPE C
c	2.36 (1.60)	ROLL FORMED
ī	3.42 (2.30)	SQ. TUBING

TENSION WIRE

NOTES:

GROUND LINE

STRETCHER BAR BAND SPACED 350 (14)C-C MAX.		
	<b>X X</b>	
S c	STRETCHER BAR	

ROLL FORMED SECTION OF **TERMINAL & GATE POST** 

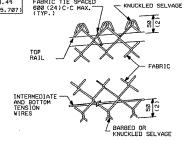
SECTION	KG/M (LBS./FT.)
PIPE TYPE A 60.3 O.D.	5.43
(2.375)	(3.65)
PIPE TYPE B 60.3 0.D.	4.63
(2.375)	(3.11)
PIPE TYPE C 60.3 0.D.	4.60
(2.375)	(3.09)
ROLL FORMED 89.0X89.0 (3*X3*)	SEE DETAIL
SQ. TUBING 63.5X63.5	6.43
(2*X2*)	(4,32)

RAILS & BRACE	
SECTION	(LBS./FT.)
PIPE TYPE A 42.20.D.	3.38
(1.66)	(2.27)
PIPE TYPE B 42.2 O.D.	2.72
(1.66)	(1.83)
PIPE TYPE C 42.2 0.0.	2.71
(1.66)	(1.82)
H 33.3X38.1	3.35
(1.31X1.5)	(2.25)
ROLL FORMED 41.3X31.8 (1*X1*)	SEE DETAIL

STRETCHER BAR TO POST

	G	ATE POSTS	×				
GATE OPENIN	3* M	PIPE TYPE A		SQ. TUBING		PIPE TYPE B	
SINGLE	DOUBLE	SIZE (0.0.)	KG/M (LBS./FT.)	SIZE	KG/N (LBS./FT.)	SIZE (0.0.)	KG/M (LBS./FT.
UP TO 1.2	UP TO 2.5	60.3	5,43	63.5	6.43	60.3	4.63
(4)	(8)	(2.375)	(3.65)	(2=)	(4.32)	(2.375)	(3.11)
OVER 1.2TO 2.5	OVER 2.5 TO 5.0	73.0	8.62	76.2	8,60	73.0	6.91
(4) (8)	(8) (16)	(2.875)	(5.79)	(3)	(5.78)	(2.875)	(4.64)
OVER 2.5TO 3.6	OVER 5.0 TO 7.4	89.0	11,28	76.2	13.10	89.0	8.49
(8) (12)	(16) (24)	(3.5)	(7.58)	(3)	(8.80)	(3.5)	(5.707

\* THE 89.0 X 89.0 (3\* X 3\*) ROLL FORMED SECTION AS DETAILED MAY BE USED AS GATE POSTS FOR SINGLE GATE UP TO 1.8 M(6') AND DOUBLE GATE UP TO 3.6 M (12')



METHOD OF TYING

GATE FRAMES	
SECTION	KG/M (LBS./FT.)
PIPE TYPE A42.20.D. (1.66)	3,38 (2,27)
PIPE TYPE 842.20.0. (1.66)	2.72 (1.83)
PIPE TYPE C42.20.0. (1.66)	2.71 (1.82)

# FABRIC TO TENSION WIRES

GATE FRAMES	
SECTION	(LBS./FT.)
PIPE TYPE A42.20.D. (1.66)	3,38 (2,27)
PIPE TYPE 842.20.0. (1.66)	2.72 (1.83)
PIPE TYPE C42.20.D. (1.66)	2.71

## PE087



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PEORIA, ILLINOIS

TERMINAL APRON **EXPANSION** 

SUBCONSULTANTS

PSA ♥ Dewberry

STS | AECOM

IL PROJECT: PIA-3812 AIP PROJECT: 3-17-0080-46

## REVISIONS

NO.	DESCRIPTION	DAT
		1

DATE ISSUED: 06/27/08

REVIEWED BY: PCB DESIGNED BY: NDO

> AEP PROJECT NUMBER 213-6945-000

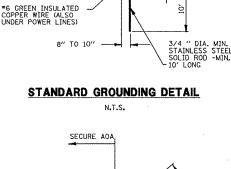
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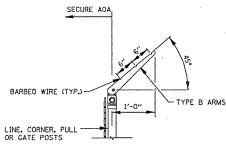
FENCING DETAILS AND NOTES

SHEET NUMBER

19 OF 43

**ISSUED FOR BID DOCUMENTS** 





## BARBED WIRE DETAIL

N.T.S.

1. BARBED WIRE SHALL BE 3 EACH, 2 STRAND, 12 1/2 AWG, ZINC COATED, WITH 4-POINT BARBS, CONFORMING TO THE REQUIREMENTS OF ASTM A-121, CLASS 3, CHAINLINK FENCE GRADE.