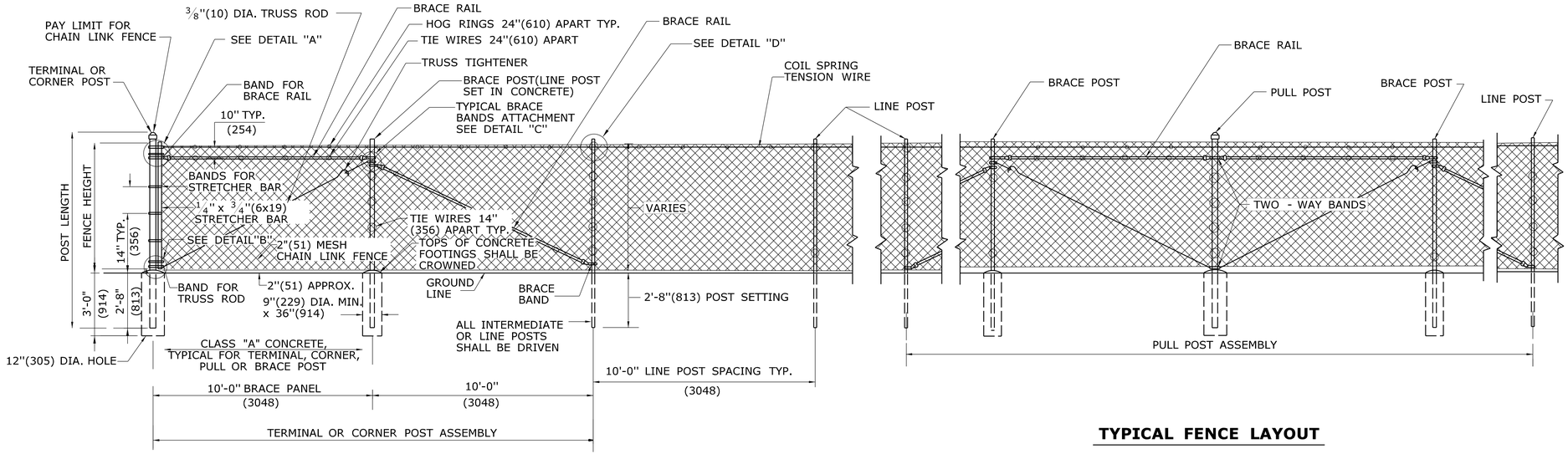
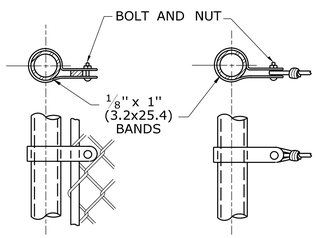


ROUND PIPE TERMINAL CORNER OR PULL POST

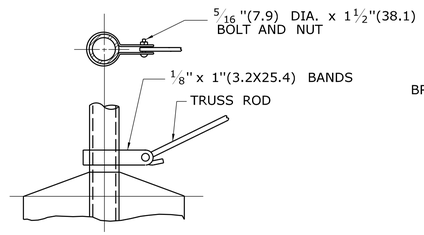
TYPICAL FENCE LAYOUT

GENERAL NOTES:

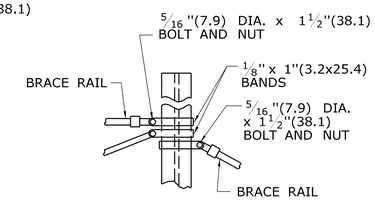
1. REFER TO SPECIFICATIONS FOR LOCATION OF PULL POST ASSEMBLIES.
2. ALL SQUARE AND ROUND POSTS WILL BE CAPPED TO PREVENT WATER FROM ENTERING.
3. WHERE ROCK IS ENCOUNTERED, IT SHALL BE DRILLED AND THE POSTS SET IN CONCRETE OR MORTAR.
4. FENCE SHALL BE PLACED WITH FABRIC FACING OUTSIDE HIGHWAY RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER.



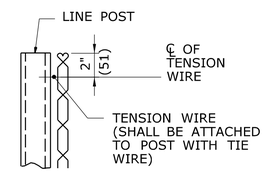
DETAIL "A"
STRETCHER BAR AND TENSION WIRE ATTACHMENTS



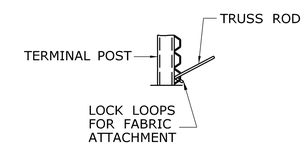
DETAIL "B"
TRUSS ROD ATTACHMENT



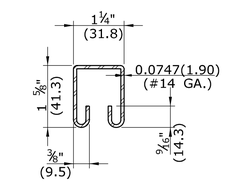
DETAIL "C"
ATTACHMENT OF BRACE RAILS TO LINE POSTS (TYPICAL)



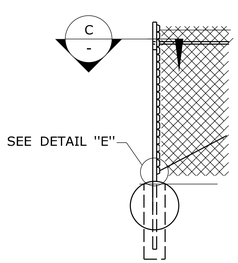
DETAIL "D"
LOCATION OF TENSION WIRE



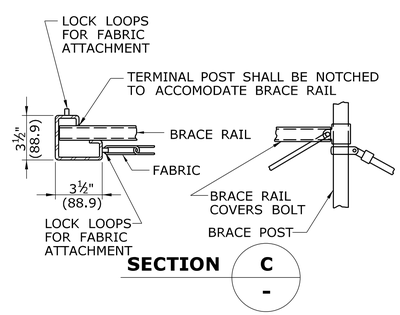
DETAIL "E"
TRUSS ROD ATTACHMENT



DETAIL "F"
BRACE RAIL



TERMINAL, CORNER OR PULL POST



FABRIC AND BRACE RAIL ATTACHMENT

			FENCE HEIGHT			
			6'(1.8m) OR LESS		GREATER THAN 6'(1.8m)	
	TYPE	MATERIAL	DIMENSIONS INCHES(mm)	WEIGHT LBS/FT(kg/m)	DIMENSIONS INCHES(mm)	WEIGHT LBS/FT(kg/m)
LINE BRACE OR INTERMEDIATE POST	"C"	STEEL	1.87 X 1.62 (47.5x41.1)	2.40(3.57)	2.25 x 1.70(57.2x43.2)	2.78(4.14)
	PIPE	STEEL CLASS 1	1.90(48.3) O.D.	2.72(4.05)	2.37(60.2) O.D.	3.65(5.43)
		STEEL CLASS 2		2.28(3.39)		3.12(4.64)
		ALUM. ALLOY		0.94(1.40)		1.25(1.86)
BRACE RAIL (OR TOP RAIL WHEN SPECIFIED)	ROLL- FORMED*	STEEL	1.62 X 1.25 (41.1x31.75)	1.35(2.01)	——	——
	PIPE	STEEL CLASS 1	1.31(33.3) O.D.	1.68(2.50)	1.66(42.2) O.D.	2.27(3.38)
		STEEL CLASS 2		1.34(1.99)		1.84(2.74)
		ALUM. ALLOY	1.62(41.1) O.D.	0.78(1.16)	1.62(41.1) O.D.	0.78(1.16)
TERMINAL CORNER OR PULL POST	PIPE	STEEL CLASS 1 STEEL CLASS 2 ALUM. ALLOY	2.37(60.2) O.D.	3.65(5.43) 3.12(4.64) 1.25(1.86)	2.87(72.9) O.D.	5.79(8.62) 4.64(6.91) 2.00(2.98)

NOTE: A MINUS TOLERANCE OF 5% IN SIZE AND WEIGHT SHALL BE ALLOWED FOR THESE MEMBERS, BUT WILL NOT APPLY TO THE ZINC OR POLYVINYL CHLORINE COATING. * DIMENSIONS AND WEIGHT ARE FOR A FENCE HEIGHT OF 9'(2.7m) OR LESS.

MINIMUM DIMENSIONS AND WEIGHTS FOR POSTS AND RAILS

REV.	DATE	REVISION DESCRIPTION
1	6/01/10	REMOVE "H" POST & SQUARE TUBULAR POST DETAILS AND NOTES
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 5/21/2010

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: CTDOT_HIGHWAY_STD.dgn Model: HW-913_01

SUBMITTED BY: NAME/DATE/TIME: Leo Fontaine 2010.05.28 10:28:58 -04'00'

APPROVED BY: NAME/DATE/TIME: James H. Norman

Digitally signed by James H. Norman
DN: c=US, st=CT, l=Newington, ou=Department of Transportation, email=james.norman@ct.gov, o=State of Connecticut, cn=James H. Norman
Date: 2010.06.04 08:21:18 -04'00'

CTDOT STANDARD SHEET

OFFICE OF ENGINEERING

STANDARD SHEET TITLE:

CHAIN LINK FENCE

STANDARD SHEET NO.: HW-913_01