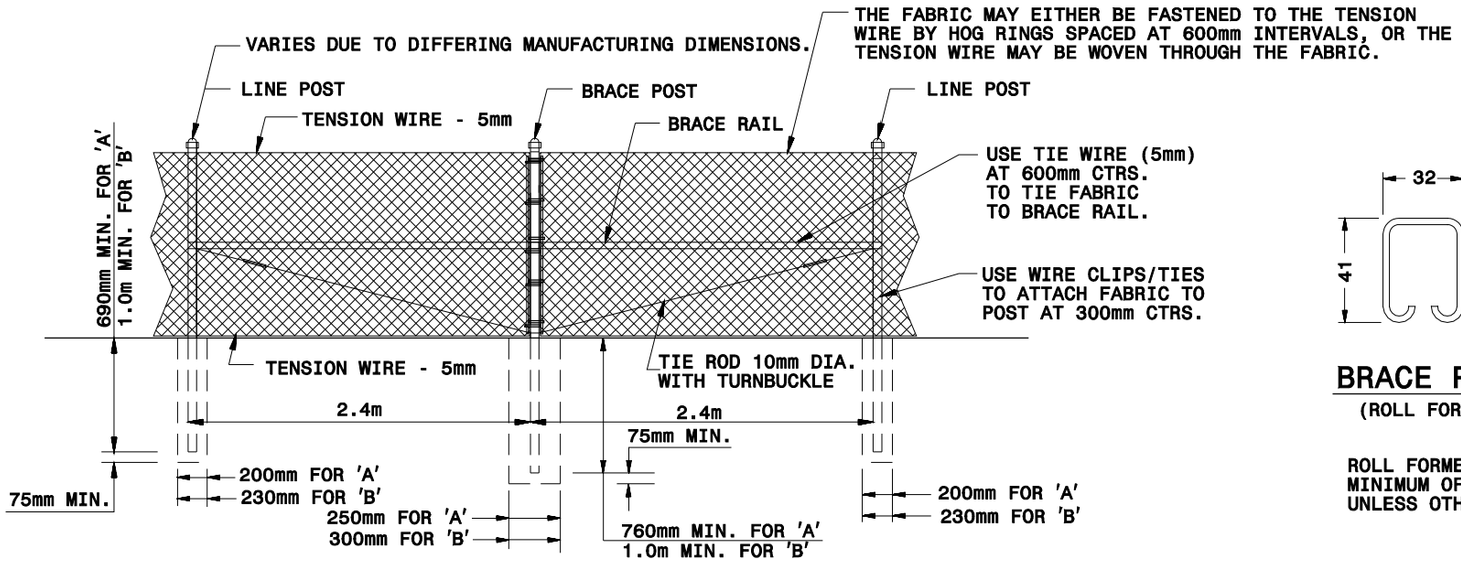
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

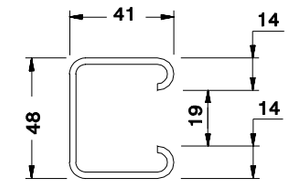
7-06

METRIC STANDARD DRAWING FOR
CHAIN LINK FENCE
1.2m, 1.5m AND 1.8m HIGH FENCE



LINE BRACE DETAIL

BRACE RAIL
(ROLL FORMED)



LINE POST
(ROLL FORMED)

ROLL FORMED LINE POST MAY BE DRIVEN TO A MINIMUM OF 900mm IN LIEU OF CONCRETE ANCHOR, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

(A) 1.2m AND 1.5m FENCE
(B) 1.8m FENCE

** "H" IS THE HEIGHT OF FENCE. SEE PAY ITEM DESCRIPTION FOR REQ'D HEIGHT FOR PROJECT.

FABRIC	GALV. STEEL OR ALUMINUM COATED STEEL 3mm			ALUMINUM ALLOY OR ALUMINUM COATED STEEL(3mm)	
FRAME COMPONENTS	GALVANIZED STEEL 3mm			ALUMINUM ALLOY	
SYSTEM	G1	G2	G3	A1	A2
LINE POST	48mm O.D. STEEL PIPE	41mm X 48mm STEEL H	41mm X 48mm STEEL R.F.	60mm O.D. ALUMINUM PIPE	51mm X 64mm ALUMINUM PIPE
TERMINAL POST (END, CORNER, BRACES)	60mm O.D. STEEL PIPE	60mm O.D. STEEL PIPE	60mm O.D. STEEL PIPE	73mm O.D. ALUMINUM PIPE	73mm O.D. ALUMINUM PIPE
GATE POST UP THRU 1.829m LEAF	73mm O.D. STEEL PIPE	73mm O.D. STEEL PIPE	73mm O.D. STEEL PIPE	73mm O.D. ALUMINUM PIPE	73mm O.D. ALUMINUM PIPE
GATE POST 2.134m THRU 3.658m LEAF	102mm O.D. STEEL PIPE	102mm O.D. STEEL PIPE	102mm O.D. STEEL PIPE	102mm O.D. ALUMINUM PIPE	102mm O.D. ALUMINUM PIPE
BRACE RAIL	42mm O.D. STEEL PIPE	42mm O.D. STEEL PIPE	32mm X 41mm STEEL R.F. OR 42mm O.D. STEEL PIPE	42mm O.D. ALUMINUM PIPE	42mm O.D. ALUMINUM PIPE

FOR 1.2m AND 1.5m FENCE SYSTEMS

FABRIC	GALV. STEEL OR ALUMINUM COATED STEEL 3mm		
FRAME COMPONENTS	GALVANIZED STEEL		
SYSTEM	G1	G2	G3
LINE POST	60mm O.D. STEEL PIPE	41mm X 48mm STEEL H	41mm X 48mm STEEL R.F.
TERMINAL POST (END, CORNER, BRACES)	73mm O.D. STEEL PIPE	73mm O.D. STEEL PIPE	73mm O.D. STEEL PIPE
GATE POST UP THRU 1.829m LEAF	73mm O.D. STEEL PIPE	73mm O.D. STEEL PIPE	73mm O.D. STEEL PIPE
GATE POST 2.134m THRU 3.658m LEAF	102mm O.D. STEEL PIPE	102mm O.D. STEEL PIPE	102mm O.D. STEEL PIPE
BRACE RAIL	42mm O.D. STEEL PIPE	42mm O.D. STEEL PIPE	32mm X 41mm STEEL R.F. OR 42mm O.D. STEEL PIPE

FOR 1.8m FENCE SYSTEMS

Note:
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

ALLOWABLE COMPONENTS FOR FENCE SYSTEMS

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SHEET 3 OF 3
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