

GATE FRAME AND POST SPECIFICATIONS

	GATE FRAME	GATE POSTS
GATE LEAF UP TO 4'-0" FENCE HEIGHT UP TO 4'-0"	1 1/4" N.P.S. (1.66" O.D.)	3 1/2" ROLL FORMED OR 2 1/2" N.P.S (2.875" O.D.)
FENCE HEIGHTS 4'-0" OR GREATER GATE LEAF UP TO 6'-0"	1 1/2" N.P.S. (1.90" O.D.)	3 1/2" N.P.S. (4.00" O.D.)
GATE LEAF OVER 6'-0" TO 13'-0"		6" N.P.S. (6.625" O.D.)
GATE LEAF OVER 13'-0" TO 18'-0"		

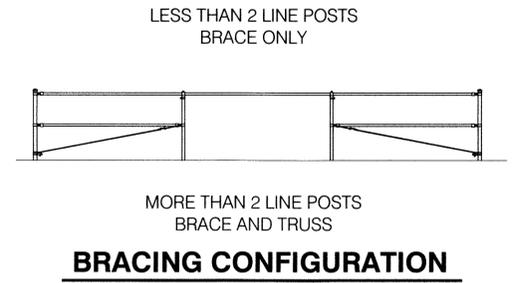
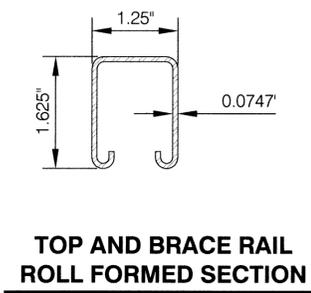
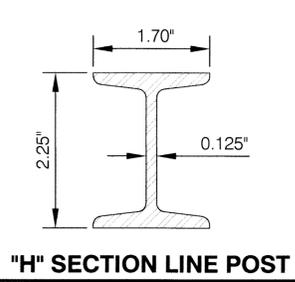
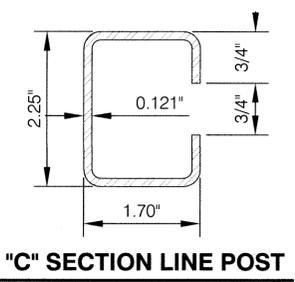
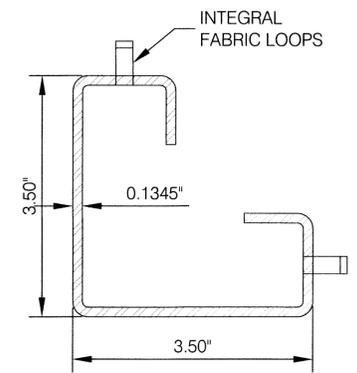
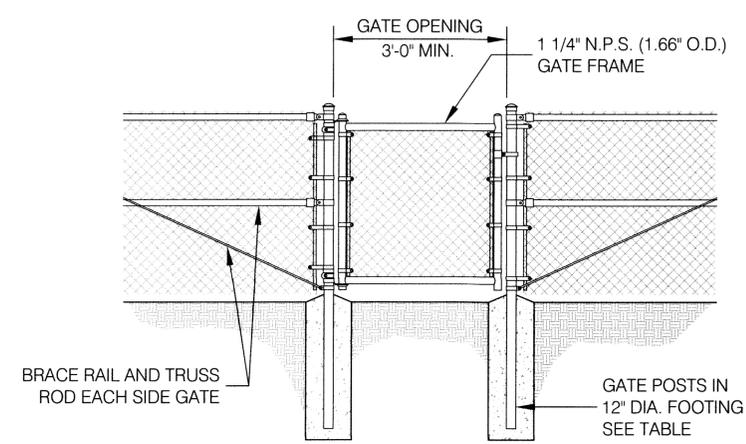


TABLE OF FENCE FRAMEWORK PHYSICAL PROPERTIES

FRAMEWORK ITEM	OUTSIDE DIMENSIONS INCHES	MATERIAL THICKNESS INCHES	WEIGHT GALVANIZED LBS/FOOT	SECTION MODULUS INCHES	YIELD STRENGTH PSI
END, CORNER OR PULL POST	3.50" X 3.50"	0.128"	4.847	1.000	35,000
"H" SECTION LINE POST	2.25" X 1.70"	0.125"	3.26	0.661	45,000
"C" SECTION LINE POST	2.25" X 1.70"	0.121"	2.64	0.506	45,000
TOP OR BRACE RAIL	1.625" X 1.25"	0.0747"	1.35	0.165	35,000

**NOMINAL PIPE SIZE (N.P.S.)
TABLE OF DIMENSIONS AND WEIGHTS
(PER ASTM A 53)**

NOMINAL PIPE SIZE (N.P.S.)	OUTSIDE DIAMETER NOMINAL	WALL THICKNESS NOMINAL	WEIGHT LBS./L.F. NOMINAL
1 1/4"	1.660"	0.140"	2.27
1 1/2"	1.900"	0.145"	2.72
2"	2.375"	0.154"	3.65
2 1/2"	2.875"	0.203"	5.79
3"	3.500"	0.216"	7.58
3 1/2"	4.000"	0.226"	9.11
6"	6.625"	0.280"	18.97



- NOTES**
- CHAIN LINK FENCE MATERIALS AND CONSTRUCTION SHALL CONFORM TO SECTION 800 OF THE STANDARD SPECIFICATIONS.
 - CONCRETE USED FOR FOOTINGS SHALL BE L6 IN ACCORDANCE WITH SECTION 500
 - FENCE HEIGHT SPECIFIED ON THE PLANS SHALL EQUAL THE FABRIC WIDTH.
 - GATES 12'-0" OR MORE SHALL BE OF DOUBLE LEAF TYPE.
 - ALL GATES SHALL HAVE A BRACE RAIL AND TRUSS ROD ON EACH SIDE.
 - VARIATIONS OF THE FENCE DESIGN SHOWN SHALL BE SUBJECT TO APPROVAL OF SHOP DRAWINGS.
 - CORNER POSTS SHALL BE INSTALLED AT ALL FENCE INTERSECTIONS OR WHEN JOINING AN EXISTING FENCE.

 	CITY OF OMAHA PUBLIC WORKS DEPARTMENT		STANDARD PLATE 800-01 SHEET 1/1
	CHAIN LINK FENCE AND CHAIN LINK FENCE GATE		