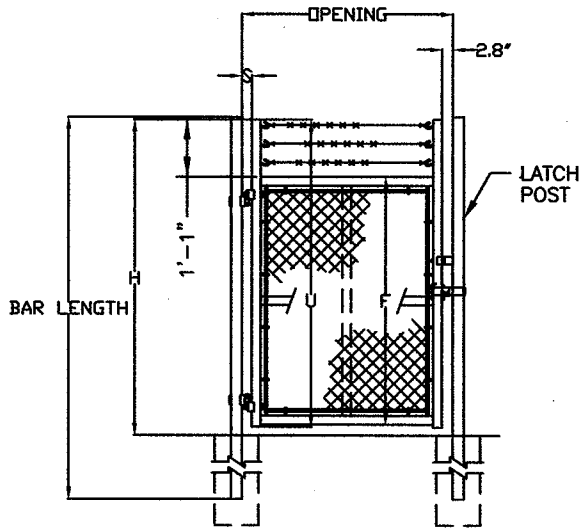


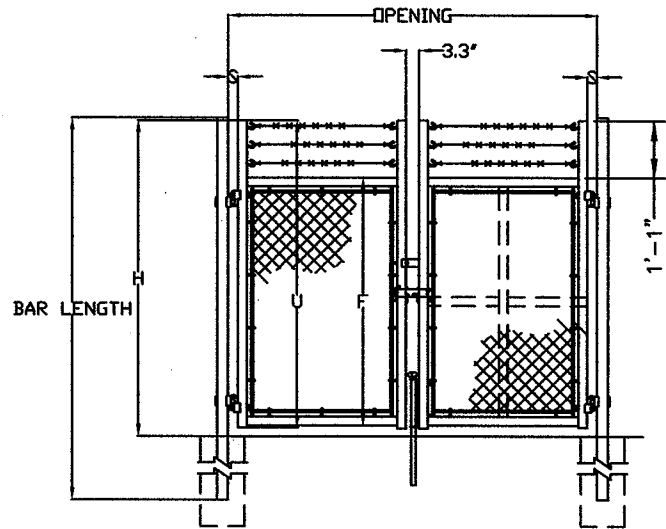
GATE PLAN



GATE PLAN



SINGLE GATE ELEVATION



DOUBLE GATE ELEVATION

NOTE:
FOR FOOTING SEE SPECIFICATIONS
SHEET F-3

SINGLE OR DOUBLE LEAF GATES		
NOM HEIGHT (H)	UPRIGHT HT (U)	FRAME HT (F)
NOM HT INCLUDING BARBED WIRE	ACTUAL DIM	ACTUAL DIM
7'-0"	6'-10"	5'-8 1/2"
8'-0"	7'-10"	6'-8 1/2"
9'-0"	8'-10"	7'-8 1/2"
10'-0"	9'-10"	8'-8 1/2"
11'-0"	10'-10"	9'-8 1/2"
12'-0"	11'-10"	10'-8 1/2"
13'-0"	12'-10"	11'-8 1/2"

SINGLE LEAF GATES		
OPENING	GATE POSTS	HINGE SPACE (S)
FACE TO FACE	SQ & RND SIZES	POST TO UPRIGHT
3'-0" THROUGH 6'-0"	2 1/2" SQ OR 2.875" OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4"
7'-0" THROUGH 10'-0"	3" SQ OR 4" OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4"
11'-0" THROUGH 12'-0"	4" SQ OR 4" OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4"
13'-0" THROUGH 18'-0"	6" SQ OR 6.625" OD	FOR GATE POSTS: SQ-2 1/4" RND-3 1/2"
19'-0" THROUGH 20'-0"	8" SQ OR 8.625" OD	FOR GATE POSTS: SQ-2 1/4" RND-3 1/2"

DOUBLE LEAF GATES		
OPENING	GATE POSTS	HINGE SPACE (S)
FACE TO FACE	SQ & RND SIZES	POST TO UPRIGHT
8'-0" THROUGH 12'-0"	2 1/2" SQ OR 2.875" OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4"
14'-0" THROUGH 24'-0"	3" SQ OR 4" OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4"
26'-0" THROUGH 36'-0"	6" SQ OR 6.625" OD	FOR GATE POSTS: SQ-2 1/4" RND-3 1/2"
38'-0" THROUGH 40'-0"	8" SQ OR 8.625" OD	FOR GATE POSTS: SQ-2 1/4" RND-3 1/2"

NOTE:
CENTER UPRIGHT REQUIRED ON GATE LEAVES 8'-0" & WIDER. CENTER RAIL REQUIRED ON GATE LEAVES 10'-0" & HIGHER.

ENGINEERING DEPARTMENT

CITY OF MERCED, CA.

TYPICAL SWING GATES WITH BARBED WIRE

DRAWN: SER
ENG.
REVISED 8/10

APPROVED BY:
David L. Tucker
CITY ENGINEER

DATE
4/4/06

F-9

SHEET OF