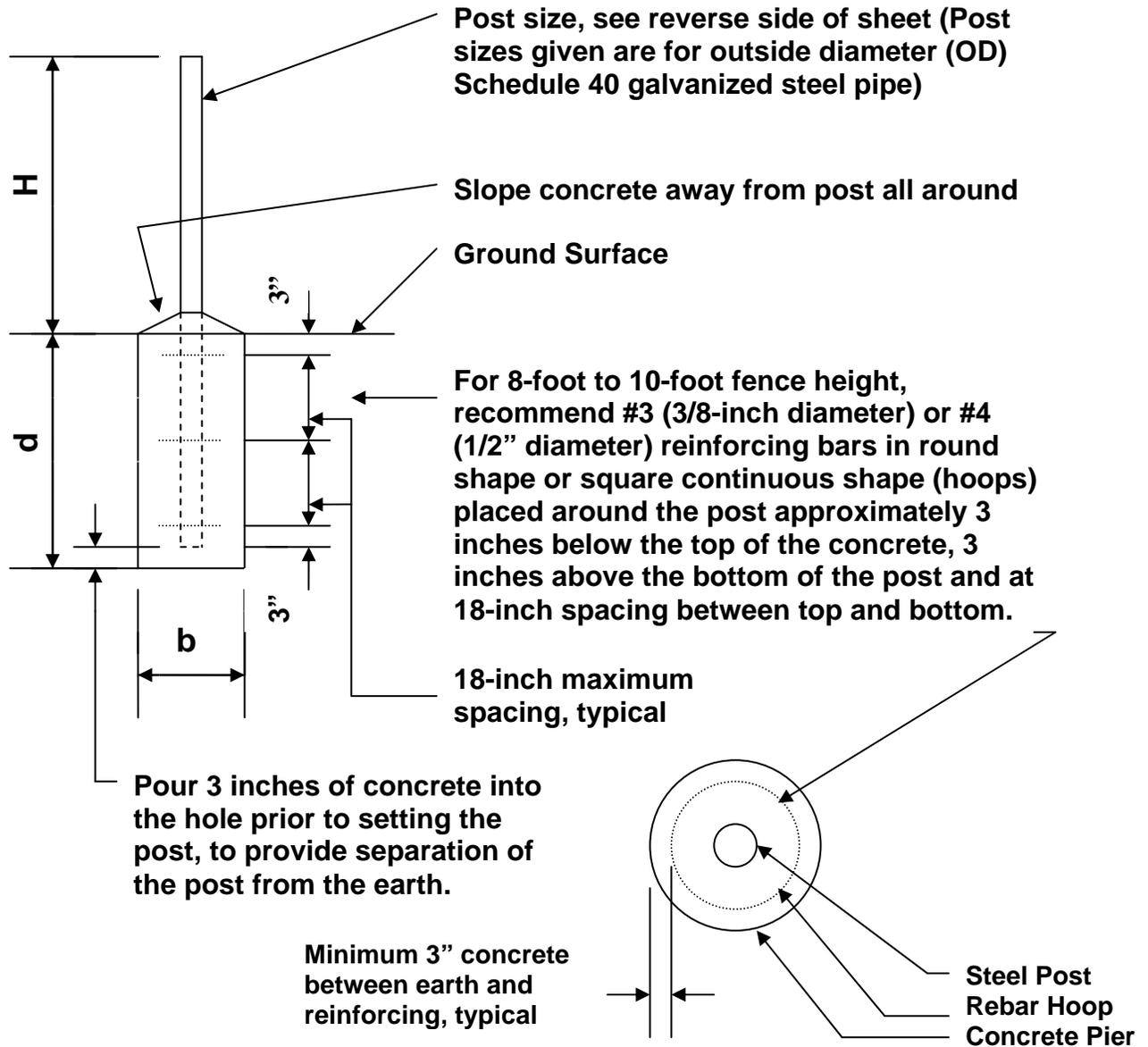


Recommended Steel Fence Post & Foundation Details



H = Height of fence above grade
S = Spacing of fence posts (center to center)
b = Diameter of round concrete pier hole or dimension of square pier
d = Required depth of concrete pier
P = Post size, galvanized Schedule 40 steel pipe

Recommended Steel Fence Post & Foundation Details

H = Height of fence above grade (feet)

S = Spacing of fence posts (center to center, feet)

b = Diameter of round concrete pier hole or dimension of square pier (inches)

d = Required depth of concrete pier (feet and inches)

P = Post size, galvanized steel Schedule 40, outside diameter (OD), inches

Height	(center to center) Spacing	Galvanized Steel Post Size	Minimum Pole Depth in Concrete	Foundation		
				b = 12" d	b = 16" d	b = 18" d
7'	4'	2 7/8" OD	3'-0"	3'-10"	3'-6"	3.25
	5'	2 7/8" OD	3'-0"	4'-2"	3'-8"	3'-6"
	6'	3 1/2" OD	3'-0"	4'-6"	4'-0"	3'-8"
	7'	3 1/2" OD	3'-6"	4'-10"	4'-3"	4'-0"
	8'	3 1/2" OD	4'-0"	5'-0"	4'-6"	4'-4"
8'	4'	3 1/2" OD	3'-0"	4'-2"	3'-8"	3'-6"
	5'	3 1/2" OD	3'-6"	4'-6"	4'-0"	3'-10"
	6'	3 1/2" OD	3'-6"	4'-10"	4'-4"	4'-2"
	7'	4" OD	4'-0"	5'-2"	4'-8"	4'-4"
	8'	4" OD	4'-0"	5'-6"	4'-10"	4'-8"
9'	4'	3 1/2" OD	3'-6"	4'-6"	4'-0"	3'-10"
	5'	3 1/2" OD	3'-6"	4'-10"	4'-4"	4'-2"
	6'	4" OD	4'-0"	5'-3"	4'-8"	4'-6"
	7'	4" OD	4'-0"	5'-6"	5'-0"	4'-9"
	8'	4 1/2" OD	4'-6"	5'-10"	5'-3"	5'-0"
10'	4'	3 1/2" OD	3'-6"	4'-9"	4'-3"	4'-0"
	5'	4" OD	4'-0"	5'-2"	4'-8"	4'-4"
	6'	4 1/2" OD	4'-0"	5'-6"	5'-0"	4'-9"
	7'	4 1/2" OD	4'-6"	6'-0"	5'-3"	5'-0"
	8'	5 7/8" OD	5'-0"	6'-3"	5'-6"	5'-4"

NOTE: The information presented in this handout applies only to steel chain link fences with or without fill-in slats and with concrete cast-in-place pier foundations. Concrete or masonry walls require design by a registered professional engineer or architect.