



FENCECRETE AMERICA, INC.

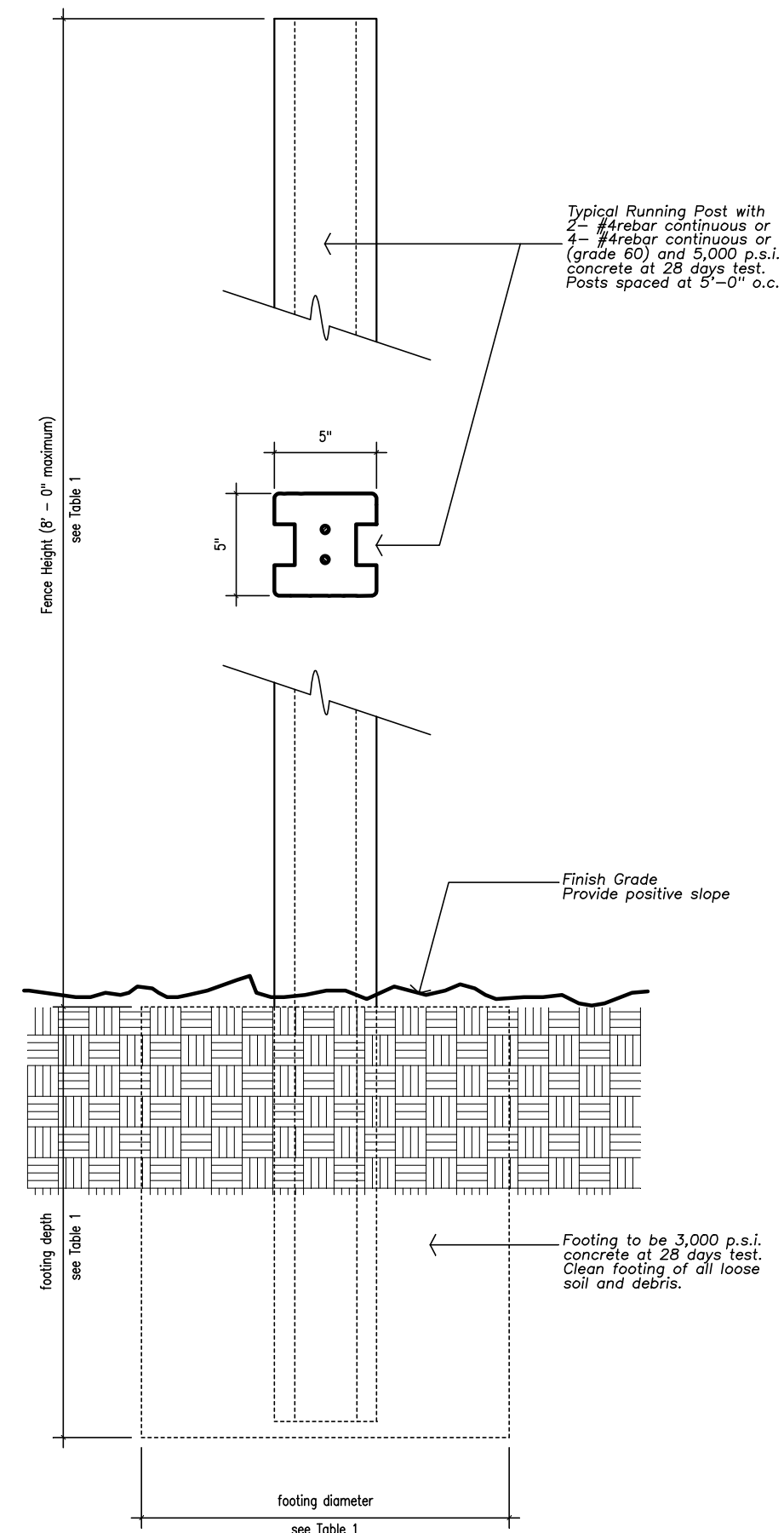
manufacturers of precast concrete fencing and masonry wall systems
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Structural Table One

Fence Post Embedment Depths and Footing Diameters for Lateral Load of 15.5 psf and Fence Posts Spaced at 5' - 0" o.c. (see detail)

FENCE HEIGHT (ft.)	FIRM TO STIFF CLAY 0.5 KSF <math>C < 1.0 KSF</math>		VERY STIFF TO HARD CLAY $C > 1.0 KSF$		LOOSE SAND $28 < \phi < 32$		DENSE SAND $\phi > 32$	
	FOOTING DEPTH (ft)	FOOTING DIAMETER (in)	FOOTING DEPTH (ft)	FOOTING DIAMETER (in)	FOOTING DEPTH (ft)	FOOTING DIAMETER (in)	FOOTING DEPTH (ft)	FOOTING DIAMETER (in)
4	2.0	12	2.0	12	3.0	12	2.5	12
5	2.0	12	2.0	12	3.5	18	3.5	12
6	2.5	12	2.0	12	4.0	18	3.5	18
7	3.0	18	3.0	12	4.5	18	4.0	18
8	3.5	18	3.0	18	4.5	18	4.0	18

Typical Fence Post Detail with Structural Table One



Typical Fence Post Detail

scale: 1-1/2" = 1'-0"

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