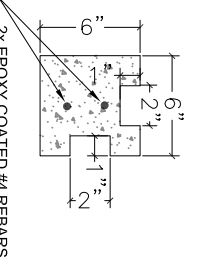
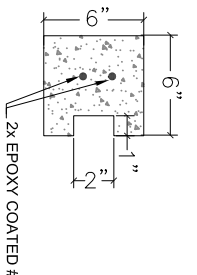


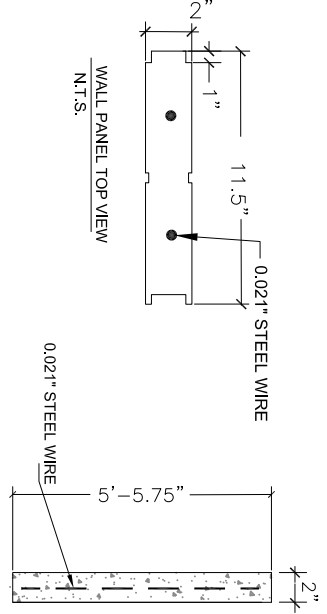
TYPICAL RUNNING POST
N.T.S.



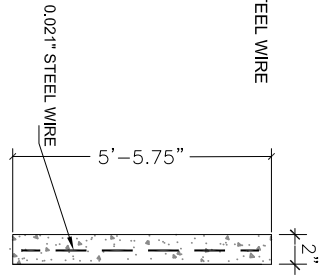
TYPICAL CORNER POST
N.T.S.



TYPICAL STOP POST
N.T.S.



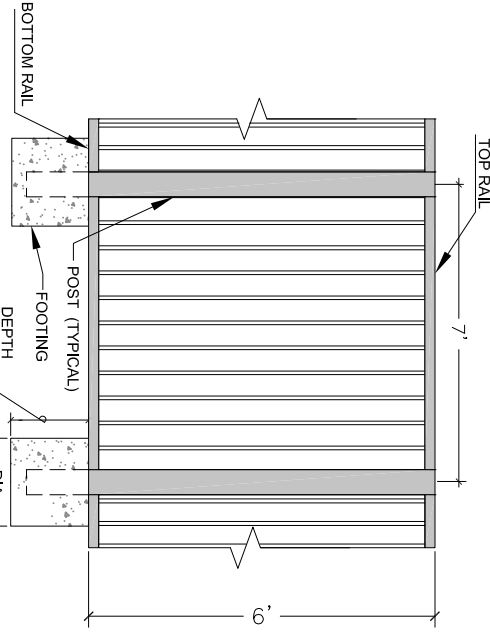
TYPICAL PANEL SECTION
N.T.S.



NOTE 1:
1- MAXIMUM POST HEIGHT IS 6'-0".
2- ALL CONCRETE SHALL BE 5000 P.S.I. UNLESS OTHERWISE INDICATED.
3- ALL REINFORCEMENT SHALL BE ASTM#801
4- FOOTING-SEE TABLE (1) FOR SIZE. DEPENDANT ON LOCAL SOIL CONDITIONS. 3000 P.S.I. CONCRETE.
5- ALL STEEL REINFORCING IS POSITIONED TO ALLOW FOR MAX. CONCRETE COVERAGE.
6- TOP RAIL IS SECURED IN PLACE WITH A SILICONE SEALANT.

NOTE 2:
CALCULATIONS ARE MADE FOR FLAT TOPOGRAPHY AND NOT OPEN AREA.
IF TOPOGRAPHY CHANGES NOTIFY THE ENGINEER FOR NEW CALCULATIONS.

NOTE 3:
A. ASOILS INVESTIGATION REPORT / GEOTECHNICAL REPORT IS REQUIRED FOR ALL PROJECTS USING THIS DETAILS.
B. ALLOWABLE FOUNDATION AND LATERAL PRESSURES FOR FOOTING DESIGN SHALL NOT EXCEED 2000 psf.



WALL FRONT VIEW
N.T.S.

TABLE (1)	
6' HIGH POST FOUNDATION DESIGN	
SOIL TYPE	DIAMETER DEPTH
P1	9" 3.75'
15-28	12" 3.9'
	18" 3.4'
P1	9" 5.4'
28-42	12" 4.9'
	18" 4.25'
P1	9" 7.25'
42-60	12" 6.3'
	18" 5.75'

REF.: TABLE R301.2.1.3, IRC 2015 - V(ultimate)=140 mph OR V(nominal)=108 mph