



1 STEEL HELICAL PIER FOUNDATION DETAIL

- MIN PIER AXIAL CAPACITY @ 77 KIPS
- STEEL PIER @ 27/8"
- INSTALL TORQUE @ 8,000 FT-LBS (27/8")
- ASSUMED EMPIRICAL TORQUE FACTOR @ 10 (27/8")
- MINIMUM PIER LENGTH @ 20 FEET (INSTALLATION DEPTH APPROX. 15')
- HELIX PITCH @ 3"
- HELIX DIAMETER @ SINGLE 12"
- FIELD TESTING OF THE HELICAL PIERS IS HIGHLY RECOMMENDED TO DETERMINE LOAD CAPACITY PRIOR TO BUILDING ERECTION
- PIER INSTALLER TO REVIEW ABOVE REFERENCED SOILS REPORT PRIOR TO INSTALLATION

HELICAL PIER SYSTEMS LTD	PROJECT		DRAWING TITLE		
	SAMPLE PROJECT		SP-1.DWG		
	DATE	NO.	REVISION	APPROVED	DRAWING NO.
					01-SP
					DRAWN BY
					GJC
				SCALE	FILE NO.
				NTS	