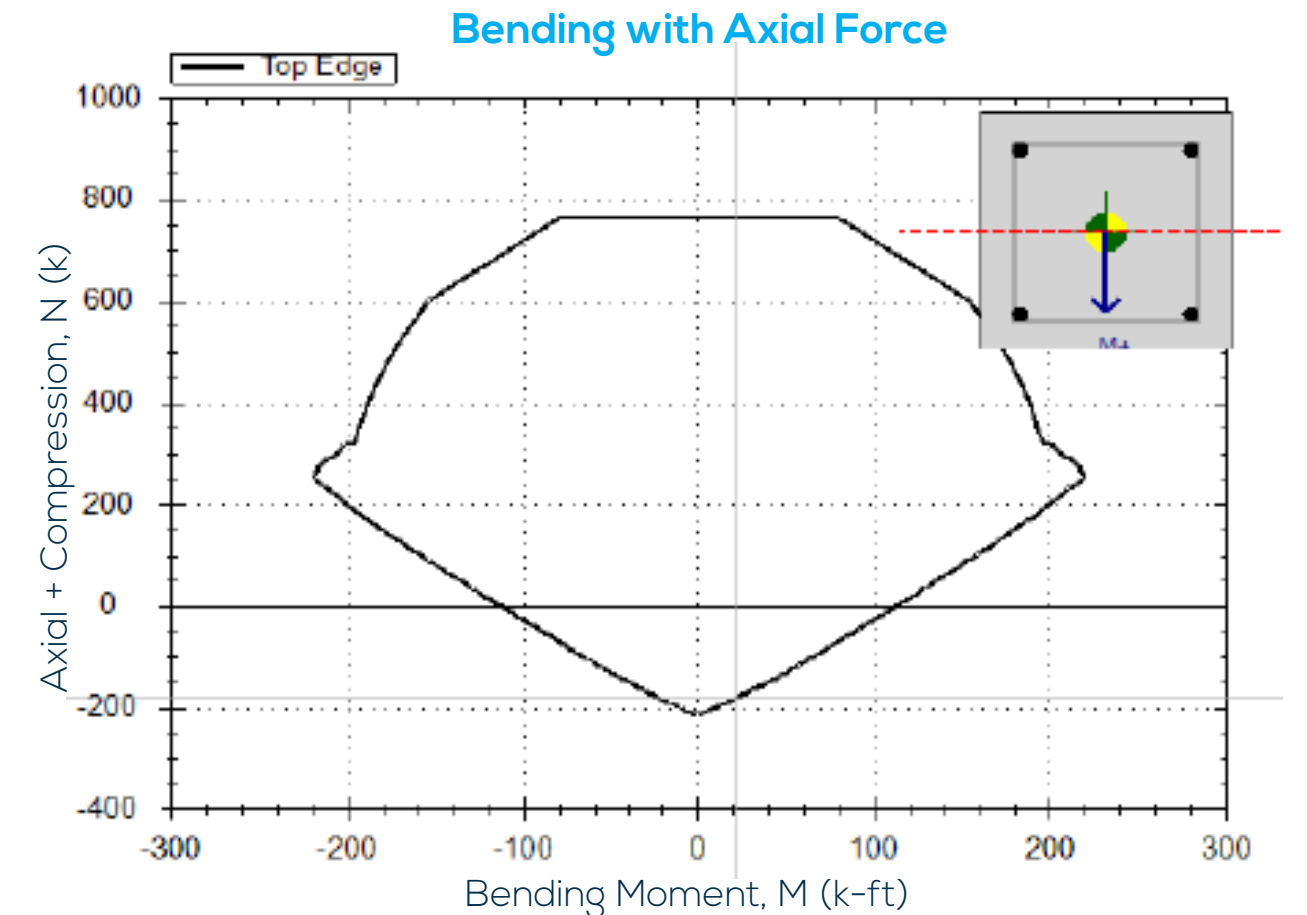
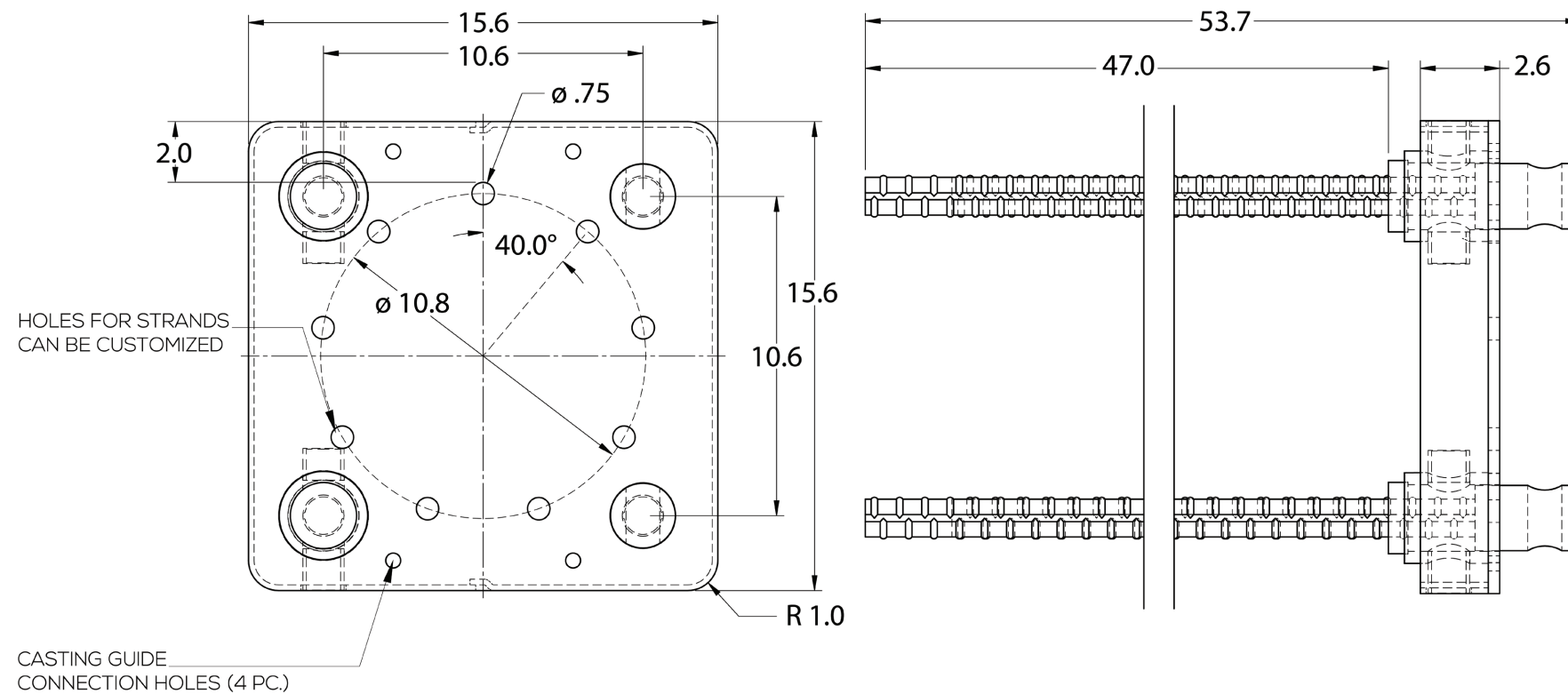
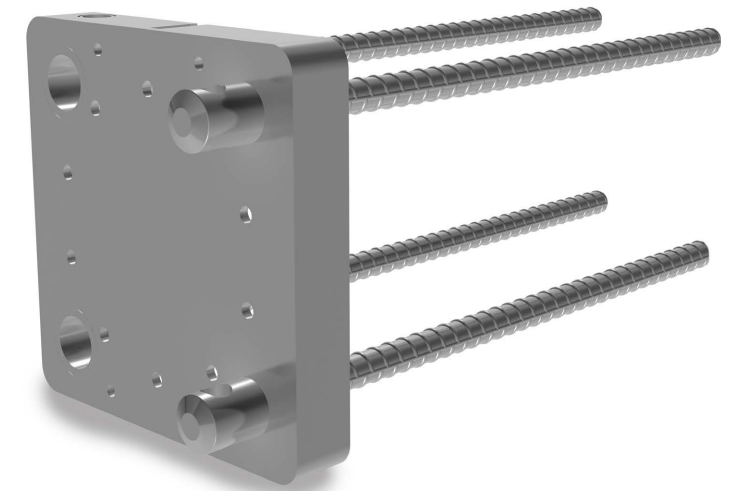


16 " EMECA Pile Joint Technical Information



Parameter	Allowable Limit
Rated Tensile Capacity for Full Splice (4 bars)	216 kips or 54 kips/bar
Shear Capacity of the Splice Joint	409 kips
Bending Moment Capacity of the Splice Joint	113 k-ft. (at 0 Axial load)
Allowable Driving tensile stress limit	954 psi
Recommended Driving Tensile Stress Limit	<954 psi
Max. Compression While Driving	1250 kips

* Calculations based on 6000 psi concrete

	16 inch Concrete Allowable Driving Stress Limits (psi)								
Concrete Strength	4000	4500	5000	5500	6000	6500	7000	7500	8000
Tensile Stresses	893	904	915	926	936	945	954	963	971
Comp. Stresses	3400	3825	4250	4675	5100	5525	5950	6375	6800