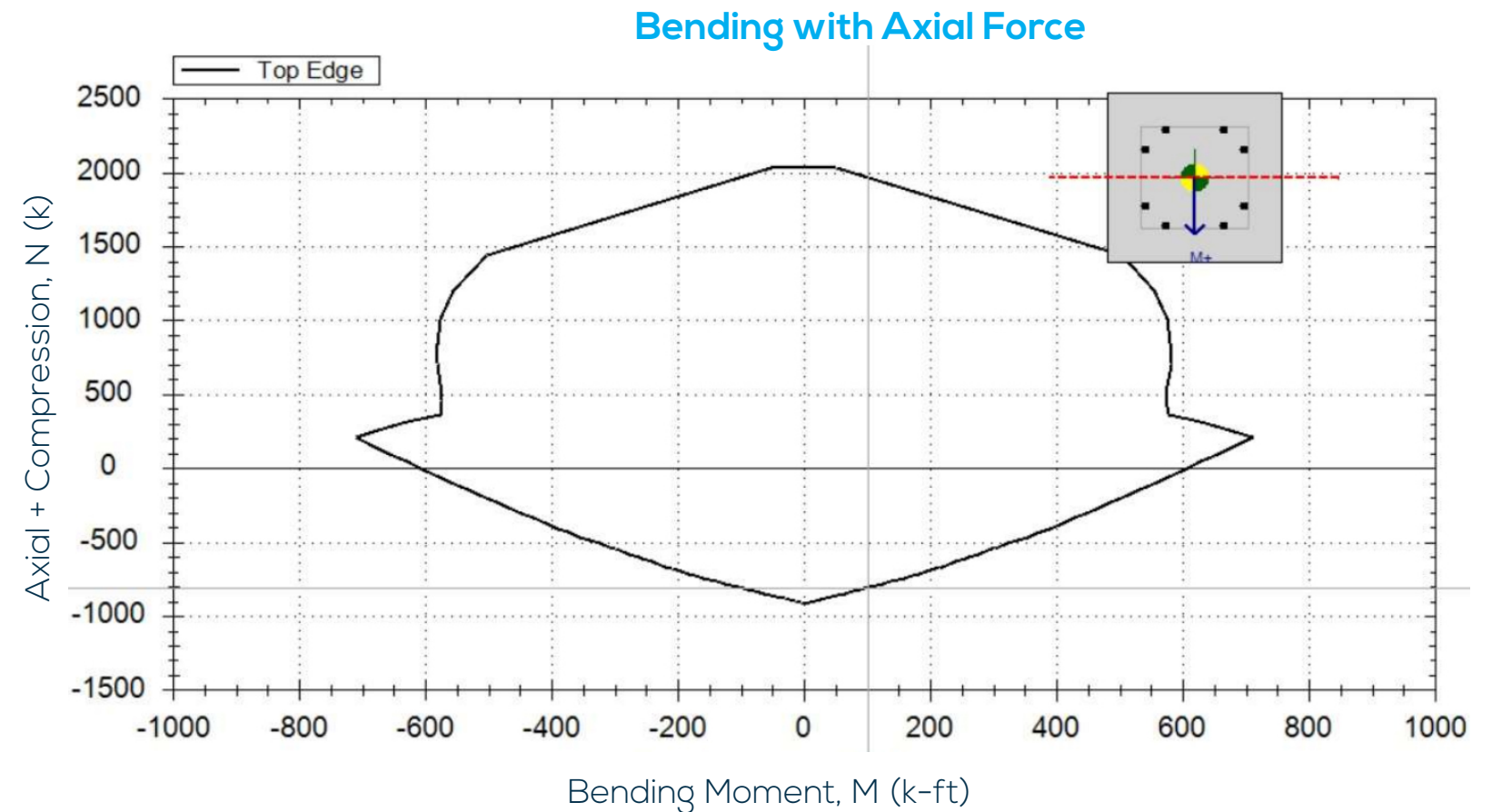
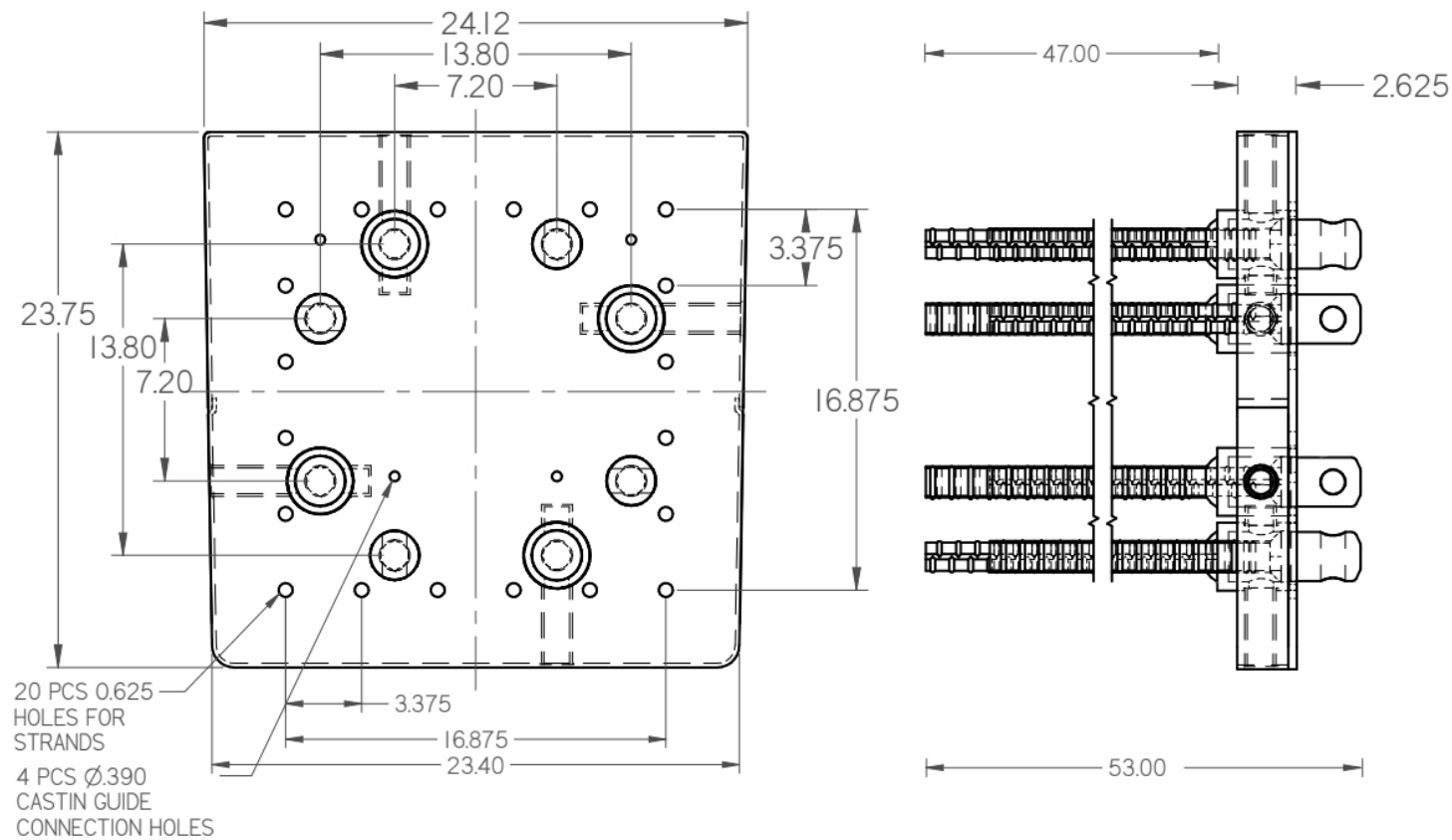
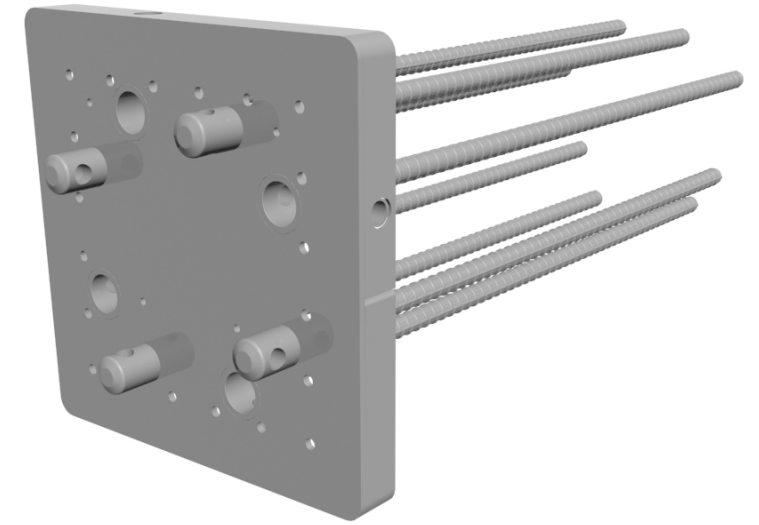


24 " EMECA Pile Joint Technical Information



Parameter	Allowable Limit
Rated Tensile Capacity for Full Splice (8 bars)	701 kips
Shear Capacity of the Splice Joint	1033 kips
Bending Moment Capacity of the Splice Joint	603 k-ft (at 0 Axial load)
Allowable Driving tensile stress limit	1290 psi
Recommended Driving Tensile Stress Limit	<1200 psi
* Calculations based on 6000 psi concrete	

	24 inch Concrete Allowable Driving Stress Limits (psi)								
Concrete Strength	4000	4500	5000	5500	6000	6500	7000	7500	8000
Tensile Stresses	1248	1260	1270	1281	1291	1300	1309	1318	1327
Comp. Stresses	3400	3825	4250	4675	5100	5525	5950	6375	6800