02 TYPICAL 2 7/8" Ø TIEBACK CONNECTION DETAIL

01 TYPICAL 2 7/8" Ø HELICAL TIEBACK ANCHOR DETAIL

2 7/8" Ø x 0.19" WALL, (Fy = 65 KSI, Fu = 80 KSI) WITH (2) 3/8" Ø SAE J429 GRADE 8 THRU BOLTS

EXISTING CONC. WALL
(F'c = 2,500 PSI MIN.)

2 7/8" HELICAL PILE (REF. APPROPRIATE PILE SPECIFICATIONS FOR ADD'L INFO NOT SHOWN)

MAX. 6" Ø HOLE THROUGH WALL (GROUTED)

C8x11.5 x 2'-6" PL 2" x 7" x 0'-7" (ASTM - A36)

RECOGNIZED BY ICC-ES IN ESR-1854

ALLOWABLE TENSION
27.89 K (20° ANGLE)
27.59 K (30° ANGLE)