



NOTE:

1. MAX. HELIX PLATE DIAMETER ON PILE WILL BE LIMITED TO CORE HOLE THROUGH FLOOR SLAB (10").
2. PILE SPACING WILL MOST OFTEN BE LIMITED BY THE PUNCHING SHEAR STRENGTH OF THE FLOOR SLAB. USE MANUFACTURER'S SPAN AND LOAD CHARTS TO DETERMINE MAXIMUM SPACING OF PILES.
3. DO NOT USE FLOOR SLAB BRACKET ON UNREINFORCED FLOOR SLABS WITHOUT THE APPROVAL OF REGISTERED PROFESSIONAL ENGINEER.

ALLOWABLE LOAD CHART

PART NUMBER	DIAMETER OF PILE	ALLOWABLE LOAD CAPACITY	BEARING PLATE AREA (IN ²)
* 4061.2375	2 3/8"	15.0 KIPS	40 IN ²
4061.2875	2 7/8"	20.0 KIPS	40 IN ²

* 2 3/8"Ø PILE REQUIRES A 2 7/8"Ø x 1'-0" SLEEVE IN BRACKET



TYPICAL FLOOR SLAB BRACKET INSTALLATION DETAIL

SHEET:
SK-1

SCALE:
3/4" = 1'-0"

DATE:
9/18/2011