



**ANCHOR BOLT INSTALLATION INSTRUCTIONS**

- HAMMER DRILL A HOLE THE SAME NOMINAL DIAMETER AS THE ANCHOR BOLT, WITH OR WITHOUT THE FIXTURE IN PLACE.
- CLEAN HOLE.
- DRIVE THE ANCHOR FAR ENOUGH INTO THE HOLE SO THAT AT LEAST SIX THREADS ARE BELOW THE TOP SURFACE OF THE FIXTURE.
- TIGHTEN TO THE RECOMMENDED TORQUE VALUE WITH A TORQUE WRENCH OR, WHEN A TORQUE WRENCH IS NOT AVAILABLE, 2 OR 3 TURNS FROM THE FINGER TIGHT POSITION TO ACHIEVE THE PROPER ANCHOR SETTING.
- VACUUM CONCRETE DUST FROM AROUND FOOT PLATE WITH A 'SHOP VAC'.
- ANCHOR BOLT DETAIL (TYPICAL)

**Anchor Bolt Installation Torque**

Di.	HILTI - KWIK BOLT TZ ICC-ES ESR-1917 Torque	HILTI - KWIK BOLT I.C.B.O. #4627 Torque (minimums)
1/2"	40 Ft. Lbs.	30 Ft. Lbs.
5/8"	60 Ft. Lbs.	75 Ft. Lbs.
3/4"	110 Ft. Lbs.	150 Ft. Lbs.

REV.	REVISIONS	DATE

**ADVANCE STORAGE PRODUCTS**  
A Division of J.C.M. Industries, Inc.

Huntington Beach, California 92649 (714) 902-9000 FAX: (714) 902-9001

**MISCELLANEOUS INSTALLATION DETAILS**

**ADVANCE STORAGE PRODUCTS**  
HUNTINGTON BEACH, CA

PREPARED FOR

**ADVANCE STORAGE PRODUCTS**  
A Division of J.C.M. Industries, Inc.

DRAWN BY: R. LIN DATE: 10/29/09  
CHECKED BY: DATE:  
APPROVED BY: DATE:  
FILE: H:\PJ\JOBS\99\X\SAMPLE  
SCALE: NONE  
DRAWING NUMBER: P9XXX-3 SHEET: 3.0 REVISION: -