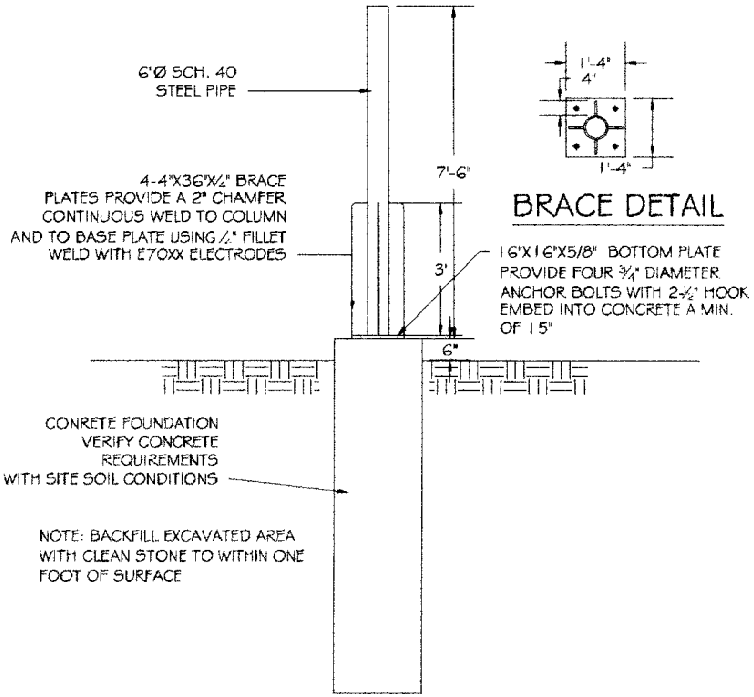
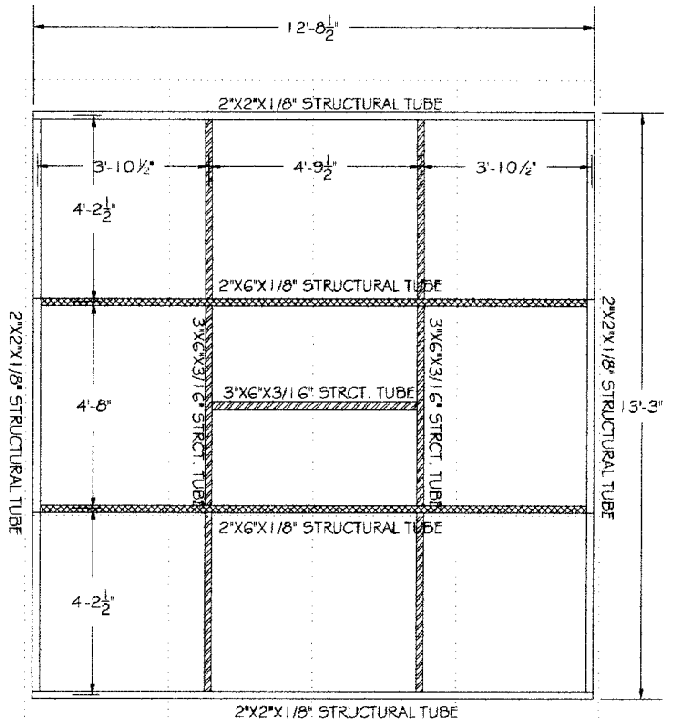
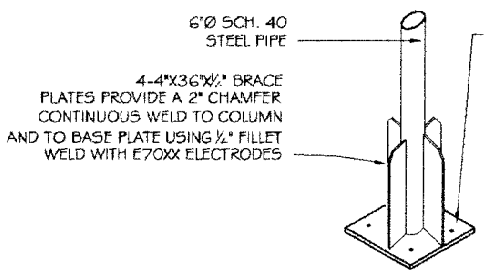


BRACE DETAIL

CONCRETE BASE AND STEEL POST W/ BRACES



FRAME FOR 200 SQ.FT. SUN-TRACKER



POST BASE DETAIL

REQUIRED FOUNDATION SIZE BASED ON SOIL CONDITION
150 MPH WIND LOAD

ALLOWABLE FOUNDATION PRESSURE* (PSF)	LATERAL SOIL BEARING* (PSF/FT)	REQUIRED FOOTING SIZE
4,000	400	6'-0"x6'-0"x6'-3"
4,000	400	5'X7'-6" (DIAMETER X DEPTH)

*IF SOIL TYPE DOES NOT MATCH SOIL TYPE DESCRIBED THE FOUNDATION SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL ENGINEER OR LOCAL BUILDING OFFICIAL

BLACKHAWK ENGINEERING, Ltd.
Civil & Structural Engineering and Building Design
PLATTEVILLE, WISCONSIN
(608) 348-6445
(608) 348-5311
(DIRECT PHONE/FAX)

DRAWINGS, SPECIFICATIONS AND IDEAS PRESENTED ON THESE SHEETS ARE THE PROPERTY OF BLACKHAWK ENGINEERING, Ltd. AND ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF BLACKHAWK ENGINEERING, Ltd.

DRAWN IN ARCHIVES, SHEET LAYOUT PREPARED BY JAMES R. BLACKHAWK, PE
FRAME AND BASE
PRAIRIE DU CHIEN, WISCONSIN

SEAL

NO.	DATE	COMMENTS

SCALE: 1" = 2'-0"

DATE DRAWN:
JANUARY 2009
PROJECT:
SHEET NO.
01