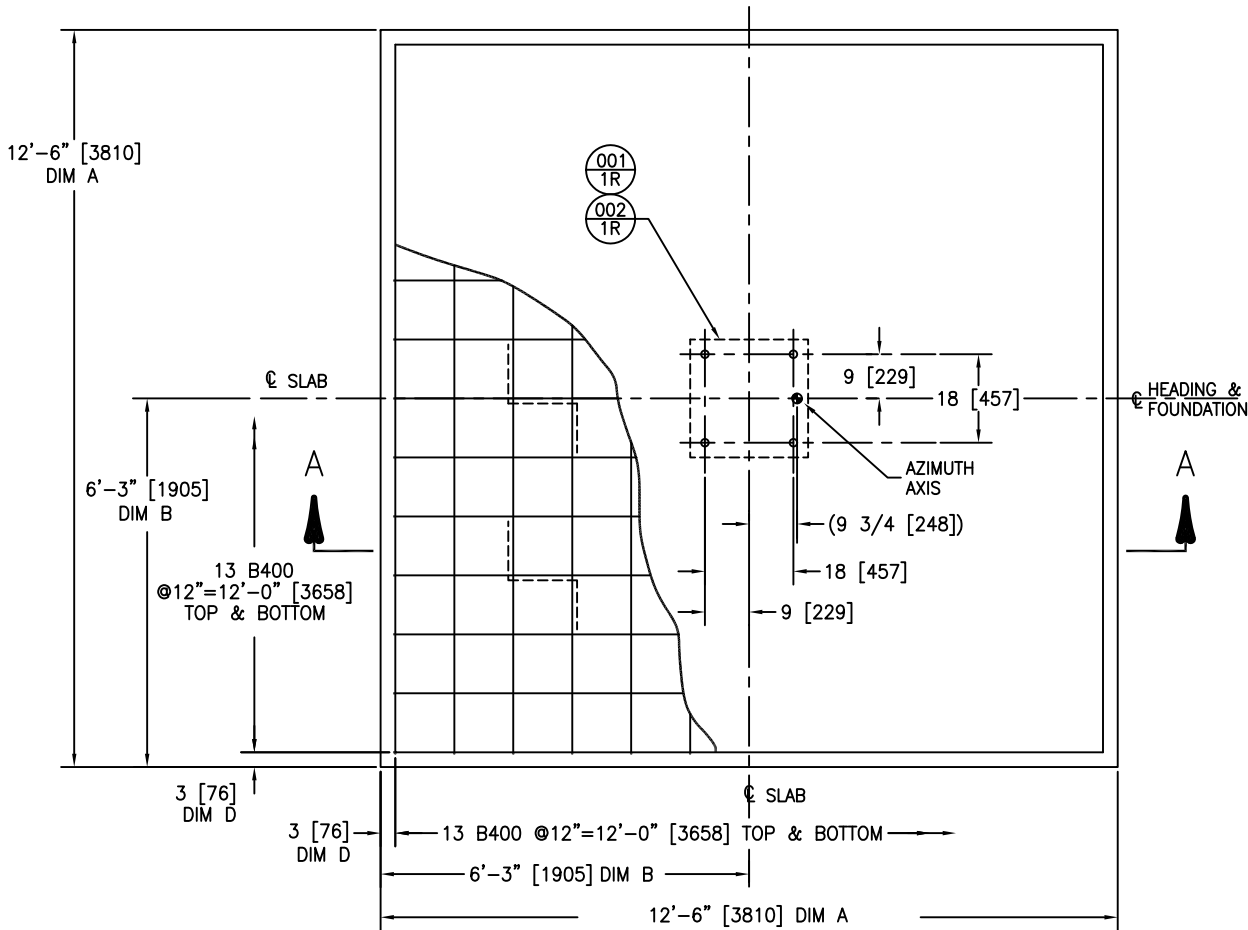
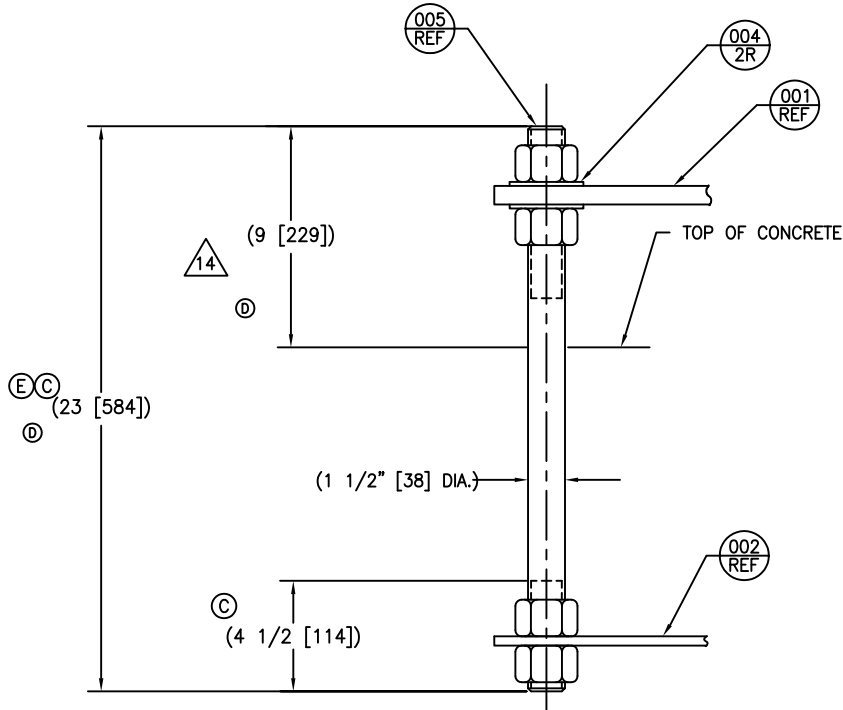


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	JBS BASE; REPL 572707 (A);	11/16/92	JCH/
B	ECR96-1438; DELETED ITEM 003.	1/16/97	SJH/KLL
C	EC98-0667; SEC A-A 18 WAS 15, V10890-1 DIM (4 1/2 [114]) WAS (3 1/2 [89]) (23 [508]) WAS (20 [508]), & ADDED 4.8M.	03/24/98	MSS/JDH
D	EC04-0446; V10890-29 WAS V10890-1 #6 BARS WAS #5 & #4 BARS; CHANGED TOTAL WT OF STEEL TO MATCH BAR SIZES	08/13/04	SDA/GPR
E	EC08-1158; V10960-29 WAS V10890-29 (23 [584]) WAS (20 [508]); CHANGED SEC A-A TO REFLECT CHANGE OF BOLT LENGTH	10/24/08	CDM/SPK



R000863 FOUNDATION PLAN



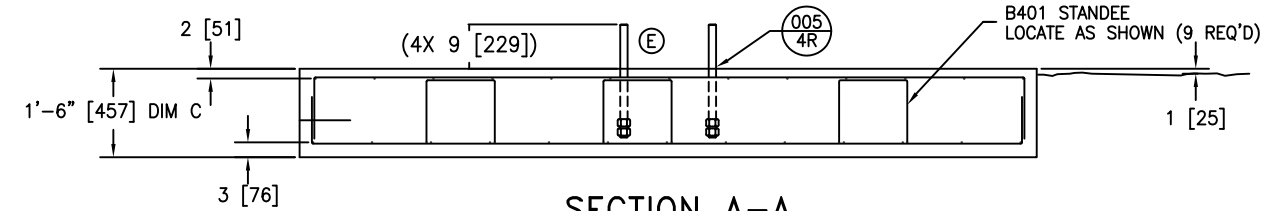
V10960-29

(SCALE: 1/4)

4-PLCS

NOTES:

- ALL CONCRETE SHALL HAVE A 28-DAY MIN. COMPRESSION STRENGTH OF 3,000 PSI (20.7 MPa).
- CONCRETE SHALL BE THOROUGHLY CONSOLIDATED BY EITHER RODDING OR VIBRATING.
- REINFORCEMENT STEEL SHALL BE DEFORMED INTERMEDIATE GRADE NEW BILLET STEEL BARS WITH 60,000 PSI (413.7MPa) MIN. YIELD STRENGTH IN ACCORDANCE WITH SPECIFICATION FOR DEFORMATION OF DEFORMED STEEL BARS FOR CONCRETE REINFORCEMENT (A.S.T.M. A-615-GR. 60).
- ALL REINFORCEMENT BARS SHALL BE SECURELY WIRED TO PREVENT SHIFTING WHEN CONCRETE IS PLACED.
- REINFORCEMENT STEEL SHALL HAVE MIN. COVER SHOWN ON DRAWING.
- ANCHOR BOLT PATTERNS SHALL BE LOCATED WITHIN $\pm 1/8$ [3] OF SPECIFIED LOCATIONS.
- SUB-SOIL (OR BASE COURSE) MUST BE ADEQUATE TO PROVIDE A MINIMUM OF 2,000 PSF (960 mbar) BEARING PRESSURE.
- FINISHED GRADE TO BE AN ELEVATION THAT WILL NOT BE SUBJECT TO INUNDATION FROM ADJACENT TERRAIN.
- REINFORCED CONCRETE SHALL MEET THE REQUIREMENTS OF CURRENT ACI 318-77.
- FOUNDATION SURFACE TO HAVE A BROOM FINISH; A MINIMUM 3FT. x 3FT. (0.9m X 0.9m) SQUARE AREA, CENTERED ON THE FOUNDATION WITH ITS SIDES PARALLEL TO THE ANCHOR BOLT PATTERN, SHALL BE SMOOTH, FLAT, AND LEVEL. THE REMAINING SURFACE SHALL BE SLOPED SLIGHTLY DOWNWARDS FROM THIS AREA TO EDGES.
- ANCHOR BOLTS, WASHER PLATES, AND NUTS TO BE A-36 STEEL OR BETTER.
- STEEL REINFORCEMENT BARS B400 MAY BE REPLACED BY STRAIGHT BAR DIM. "Y" LONG AND ADD STRAIGHT SIDE BARS DIM. "X" OR "Z".
- EMBEDDED CONDUIT MAY BE INSTALLED FOR ELECTRICAL POWER OF FOR IFL.
- PROTECT EXPOSED THREADS FROM CONCRETE SPLATTER DURING PLACEMENT OF CONCRETE. REMOVE WOODEN TEMPLATES AND HEX NUTS 24 HOURS AFTER PLACEMENT OF CONCRETE AND CLEAN ALL EXPOSED THREADS.
- COMPLIANCE WITH ALL BUILDING CODES AND THE REQUIRED PERMITS ARE THE RESPONSIBILITY OF OTHERS.
- DIMENSIONS IN [] ARE METRIC EQUIVALENTS IN MILLIMETERS.



SECTION A-A

ALTERNATE FOUNDATION DESIGNS FOR SOIL FROST LINE PROBLEMS																
FROST LINE DEPTH	SLAB SIZE				CONC. VOLUME (CU. YDS.)	STEEL REINFORCING										
	A	B	C	D		QTY. B400	BAR SIZE	UNIT LGTH	TOT'L LGTH	BEND TYPE	BEND DIM'S			ON CENTER SPACING	QTY. B401	BAR SIZE
DOWN TO 14" (DESIGN SHOWN)	12'-6	6'-3	18"	3"	8.7	52	#6	14'-0	728'	I	12"	12'-0	12"	12"	9	#4
15" TO 25"	11'-0	5'-6	26"	6"	9.7	44	#6	13'-0	572'	I	1'-6	10'-0	1'-6	12"	9	#4
26" TO 38"	9'-6	4'-9	39"	3"	10.9	40	#6	14'-0	560'	I	2'-6	9'-0	2'-6	12"	6	#4
39" TO 50"	8'-6	4'-3	51"	3"	11.4	36	#6	15'-0	540'	I	3'-6	8'-0	3'-6	12"	6	#4

BEND DIAGRAM

TYPE I (B400)

TYPE II (B401)


(C)

(C)

(C)

(C)

____ # EA
- EST. WEIGHT -

DO NOT SCALE DRAWING					SATCOM Technologies CONFIDENTIAL AND PROPRIETARY				
<p>UNLESS OTHERWISE SPECIFIED ! INTERPRET DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994. DIMENSIONS ARE IN INCHES. DIMENSIONS SHOWN IN () ARE FOR REFERENCE ONLY. TOLERANCES ARE: FRACTIONS: DECIMALS: ANGLES: DETAILS ± 1/16 .XX ± .05 ± 1° ASSY'S ± 1/8 .XXX ± .005 COMMERCIAL TOLERANCES TO STOCK SIZES APPLY. PART TO BE FREE OF BURRS & SHARP EDGES.</p> <p>DRILL HOLE TOLERANCE (DRILL)</p> <p>.013 to .125=+.005/- .001 .126 to .250=+.007/- .003 .251 to .750=+.008/- .003 .751 to 1.000=+.009/- .004 1.001 to 2.000=+.012/- .005</p> <p>CLEARANCE HOLE TOLERANCE (CHT)</p> <p>+.03125/ -.00000</p>	ADDITIONAL APPROVALS		DATE	APPROVALS		DATE	<div><div>2600 N. LONGVIEW ST. KILGORE, TX USA 75662-6842</div></div>		
	MECHANICAL			DRAWN J.HUEGEL	11/16/92		TITLE: FOUNDATION INSTL 4.5/4.8KP +/- 60° AZ TRAVEL 125MPH		
	STRUCTURAL			CHECKED G.ROBERTS	10/16/92				
	ELECTRICAL			DESIGNER V.TWU					
	EXPORT CONTROL WARNING-- the disclosure of this document or its contents to non-U.S. persons, or the transmission of its contents outside the United States must be in compliance with U.S. Export Laws and Regulations. The bearer of this document is under obligation to know the applicable restrictions for the dissemination of its contents that relate to U.S. Export Laws and Regulations or any other U.S. government approvals.		MANUFACTURING D.DAVIS		10/26/92				
PROJECT G.HALL			10/26/92						
		PRODUCT MGR J.PORTER		10/26/92		CODE ID. NO.	SIZE	DWG NO.	REV
		DESIGN				98230	D	000077	E
						SCALE: 1/20	CONTRACT NO.		SHEET 1 OF 1