



NOTE: DUE TO VARIABLES INVOLVED IN ROOF AND OTHER INSTALLATIONS, IT SHALL BE THE CUSTOMER'S OR INSTALLER'S RESPONSIBILITY TO PROVIDE STRUCTURALLY ADEQUATE SUPPORTS FOR PIER & ANCHOR CONNECTIONS. IT MAY ALSO BE NECESSARY FOR THE CUSTOMER OR INSTALLER TO SECURE THE SERVICE OF A LOCAL ENGINEER TO DETERMINE THAT INSTALLATION COMPLIES WITH LOCAL BUILDING CODES.

GENERAL NOTES

FOR REQUIRED MATERIAL SPECIFICATIONS, INSTALLATION NOTES AND TOLERANCES SEE DRAWING NUMBER B841300.

1. MINIMUM 1/2" DIAMETER REINFORCING BARS IN ALL ANCHORS WITH MAXIMUM SPACING OF 12" EXCEPT NO. 10 BLOCK MAXIMUM SPACING OF 6".

CONCRETE ANCHOR DATA									
DEPTH, D (FT.)	ROD NO.	BLOCK NO.	ANCHOR DIMENSIONS (FT.)			WEIGHT CONCRETE (LBS)	CONCRETE (CU. YDS.)	UPLIFT * CAPACITY (LBS)	LATERAL CAPACITY (LBS)
			A	B	C				
3	GAC 30	3a	1.5	1.5	1	310	.08	900	1,500
		3b	2	2	1	560	.15	1,320	2,000
		3c	2.5	2.5	1	870	.23	1,810	2,500
		3d	3	3	1	1,260	.33	2,535	3,000
		3e	3	4	1	1,680	.44	3,020	4,000
4	GAC 30 OR GAC 34	4a	3	3	1.5	1,890	.50	3,490	5,850
		4b	3	4	1.5	2,520	.67	4,360	7,800
		4c	3	5	1.5	3,150	.84	4,985	9,750
		4d	3	6	1.5	3,780	1.00	6,090	11,700
		4e	4	6	1.5	5,050	1.33	7,660	11,700
6	GAC 56	6a	3	4	1.5	2,520	.67	10,035	12,600
		6b	3	5	1.5	3,150	.84	11,600	15,750
		6c	3	6	1.5	3,780	1.00	13,150	18,900
		6d	4	6	1.5	5,050	1.33	15,850	18,900
8	GAC 57	8a	3	5	1.5	3,150	.84	22,150	21,750
		8b	3	6	1.5	3,780	1.00	24,700	26,100
		8c	4	6	1.5	5,050	1.33	28,500	26,100
		8d	6	6	2.0	10,800	2.67	33,380	33,600
10	GAC 58	10a	3	6	2.0	5,040	1.33	37,450	43,200
		10b	4	6	2.0	6,720	1.78	42,700	43,200
		10c	4	7	2.0	7,840	2.07	46,800	50,400
		10d	5	7	2.0	9,800	2.59	52,350	50,400
		10e	5	9	2.0	12,600	3.33	61,700	64,800

* INCLUDES SAFETY FACTOR OF 2

* NORMAL SOIL IS A COHESIVE TYPE SOIL WITH A HORIZONTAL BEARING CAPACITY OF 400 POUNDS PER SQUARE FOOT PER LINEAL FOOT OF DEPTH. ROCK, NON-COHESIVE SOILS, OR SATURATED OR SUBMERGED SOILS ARE NOT TO BE CONSIDERED AS NORMAL.

ROHN MANUFACTURING
DIVISION OF **HEARST**

TITLE: **STANDARD CONCRETE ANCHORS**

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FILE NO. _____

SCALE: _____ MATERIAL: _____ FINISH: _____ WT: _____

DESIGNED BY: **GLS** DATE: **4/1/73** UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE GIVEN IN INCHES.

ISSUED BY: **GLS** DATE: **4-4-73** TOLERANCES: _____

APPROVED BY: **GLS** DATE: **4-4-73** DEC. _____

APPROVED BY: **GLS** DATE: **7-6-73** * * * * *

DWG. NO. **C 620643 R**

NO.	DESCRIPTION	DATE	BY
R1	REVISED ANCHOR DETAIL DWG. NO. B-18-71	8-18-71	PLH
R2	REMOVED RS-222-A FROM GEN. NOTE NO. 1	11/77	GLS
R3	ADDED NOTE	7-6-76	GLS
R4	REVISE DESIGN NOTE 1.	1-14-78	WJL
R5	REVISE DESIGN NOTE 1. & TITLE BLOCK	11-21-78	WJL
R6	GAC-25 WAS GA-25	12-7-73	JER
R7	REVISED FOR EIA RS-222-B	11/1/73	GLS
R13	INCREASED ROD LENGTHS; PART NO. GAC30 WAS GAC25	6-30-88	WJL
R14	REV. GEN. NOTE 1 ADDED B841300 NOTE	1-9-88	WJL