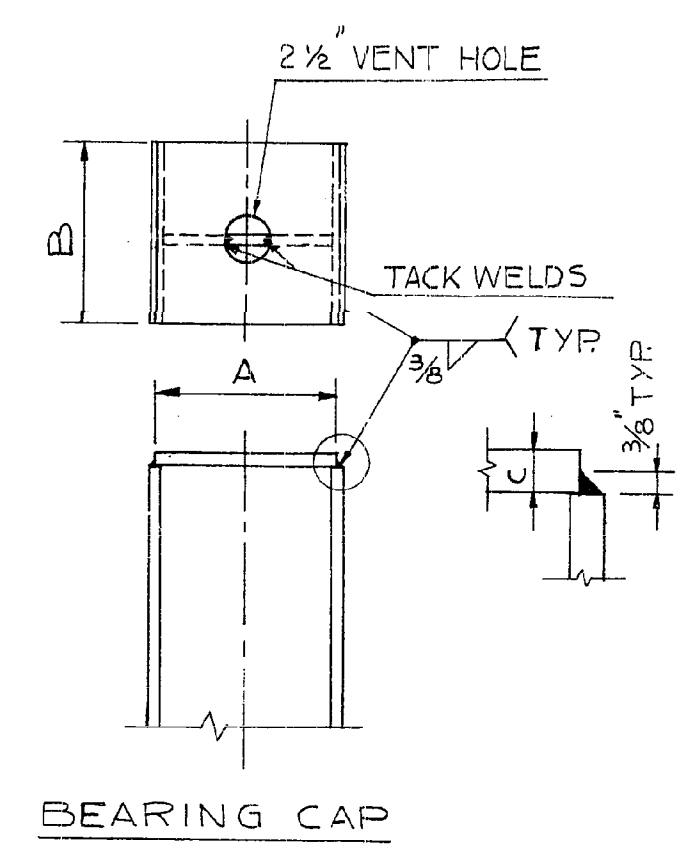
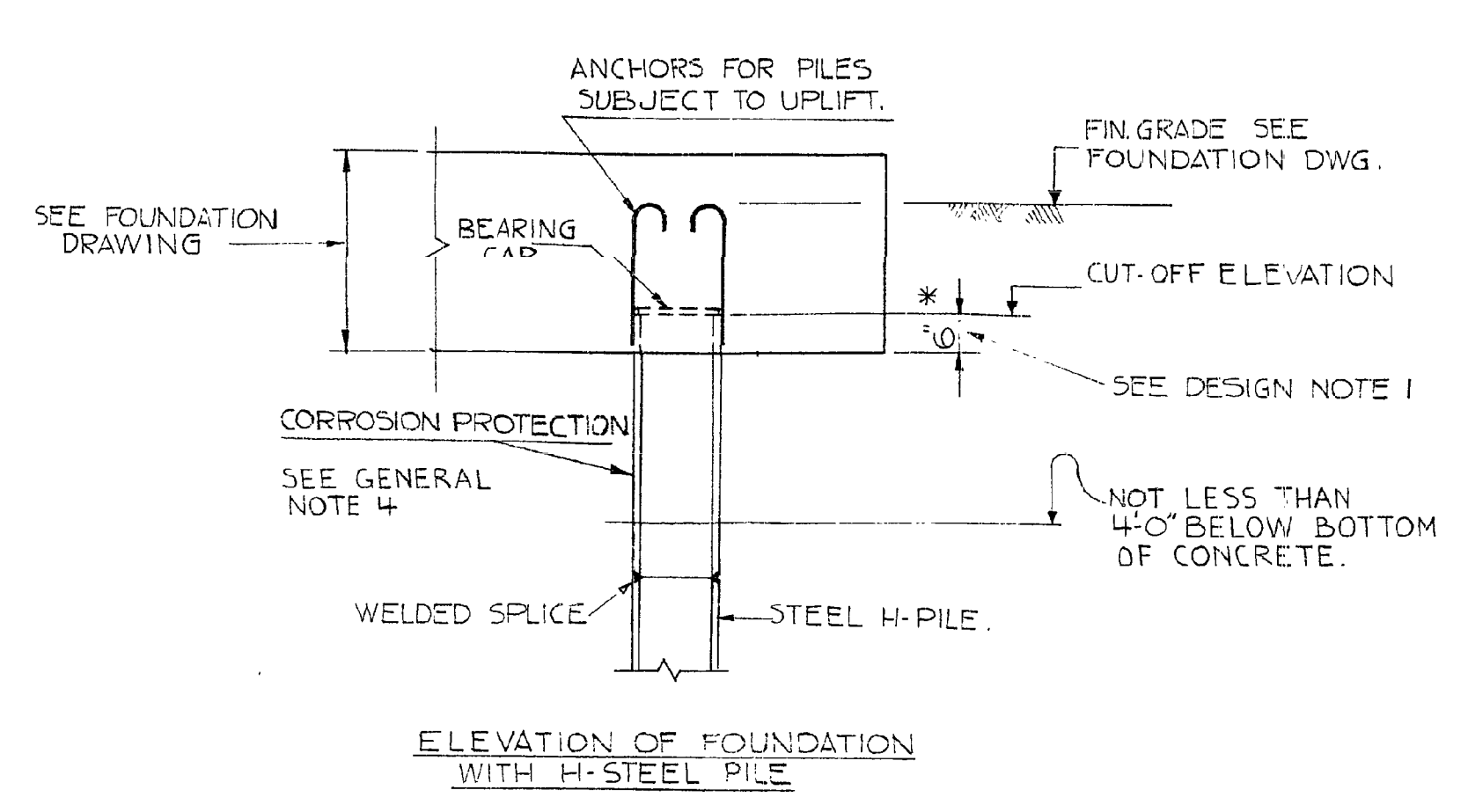
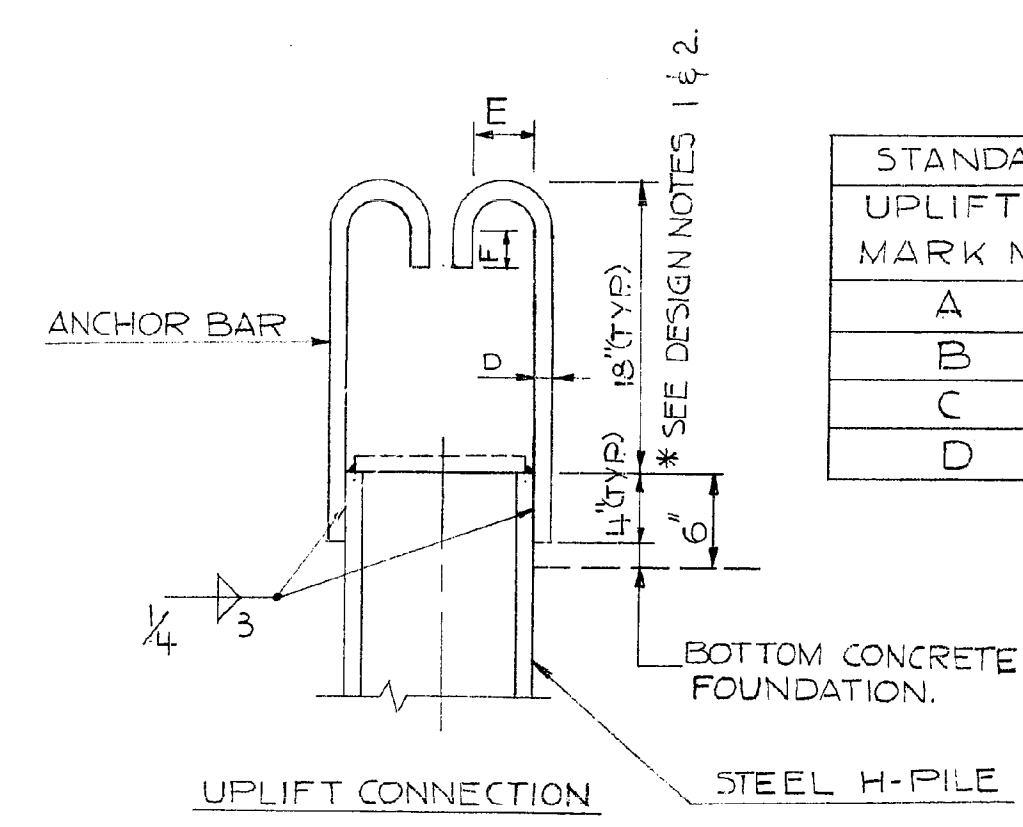
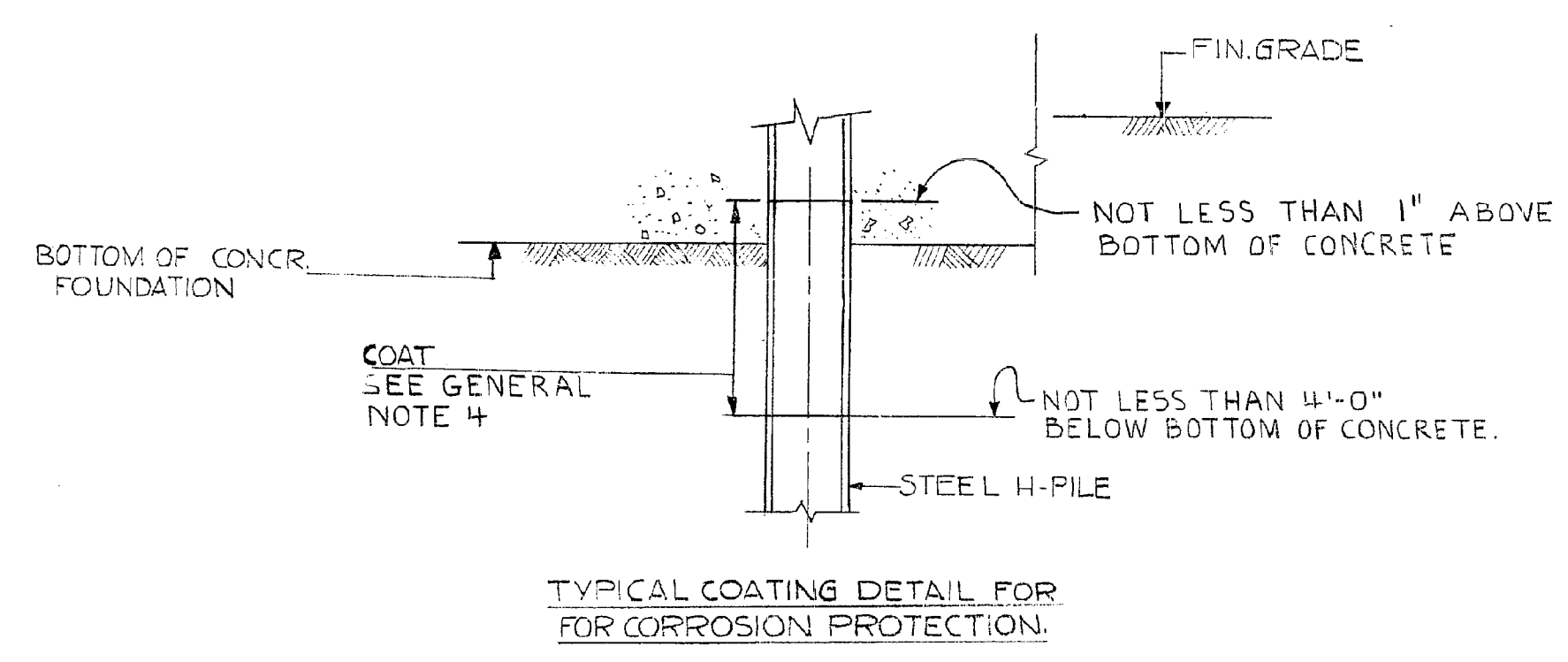




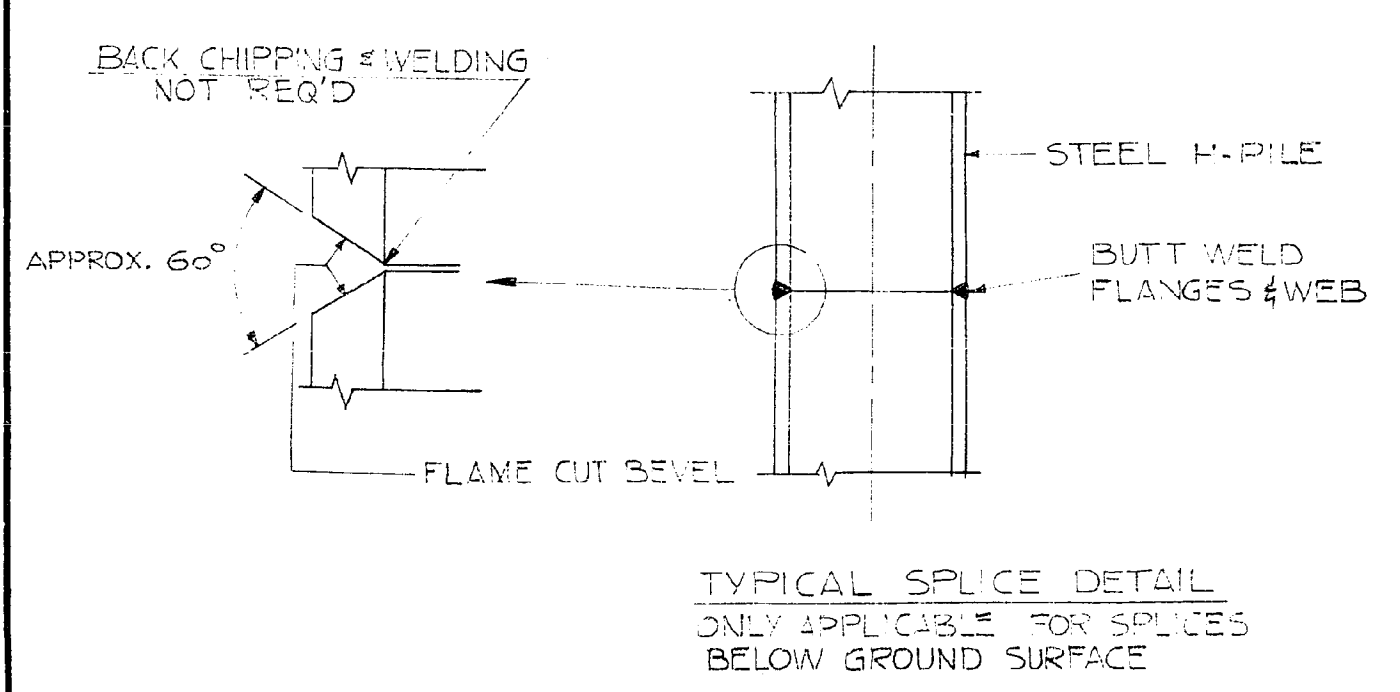
TYP SIZE CAP PLATE		
PILE*	A	B
HP 14x89	13"	14"
HP 12x53	11"	12"
HP 10x42	9"	10"
HP 8x36	7 1/4"	8"

* CAP OF BATTER PILES PERPENDICULAR TO PILE AXIS.

PILE LOAD (SHORT TONS)	C	CAP MARK NO
0 - 20	1/2"	1
20	3/8"	2
30	1"	3
40	1 1/8"	4
60	1 1/4"	5



STANDARD UPLIFT ANCHORS				
UPLIFT MARK NO	DIAM ANCHOR BARS (D)	MAX. UPLIFT PER PILE (LBS)	E IN	F IN
A	3/4" φ	8800	4 1/2	3
B	7/8" φ	12000	5 1/4	3 1/2
C	1" φ	15700	6	4
D	1 1/4" φ	20000*	6	4



DESIGN NOTES

- FOR UPLIFTS GREATER THAN 20,000 LBS. EXTEND PILE FAR ENOUGH INTO FOUNDATION TO PROVIDE SURFACE AREA ON PILE TO CARRY LOAD IN BOND AT 60 PSI. PILE SURFACE WITHIN 12" OF BOTTOM OF FOUNDATION TO BE EXCLUDED FROM REQUIRED BOND AREA.
- CAP PLATES HAVE NO UPLIFT CAPACITY

GENERAL NOTES

- NO DETAILS ON A FOUNDATION DETAIL DRAWING ARE REQUIRED WHEN COVERED BY THIS DRAWING
- STATE ON DRAWING:
PILE CAPS; TYP PILE CAP FOR XX BP XX, MARK 1, 2, 3, 4 OR 5.
UPLIFT ANCHORS; TYP UPLIFT ANCHORS, MARK A, B, C, OR D.
- SPLICE DETAIL AND PROTECTIVE COATING ARE TYPICAL FOR ALL DRAWINGS.
- IN SUBKHA AND COASTAL AREAS PILES ARE TO BE COATED PRIOR TO DRIVING SUFFICIENTLY TO ENSURE THE MINIMUM FOUR FEET COVERAGE AFTER DRIVING. ACCEPTABLE COATING SYSTEMS ARE EPOXIES (APCS-1), COAL-TAR EPOXIES (APCS-3) AND SPLASH ZONE COMPOUND (APCS-19). IN ADDITION TO THESE SYSTEMS BITUMASTICS (APCS-10) AND CONCRETE MAY BE APPLIED AFTER DRIVING BY EXCAVATING TO THE REQUIRED DEPTH.

THIS DRAWING REPLACES THE FOLLOWING DRAWINGS: GE-46216, GE-46224, GE-46243

REV. NO.	DATE	BY	DESCRIPTION	CHK'D	CERT.	APP'D
4	2/2/77	NV	ADDED DIMENSION NOTE TO COATING DETAIL. FIELD REV 30			
3	7/1/76	NV	REVISED NOTE 4 PER FIELD REV. 20			
2	-6-73	NV	CHANGED PAINTING NOTE 6 ADDED NOTE 4 PER B-2199			
5	11-82	BJ	SEE SH. 2. FOR METRIC EQUIV.			

ARABIAN AMERICAN OIL COMPANY

DRAWN BY SM CHECKED BY HW SCALE: NONE

DATE STARTED _____ DATE COMPLETED 2-22-67

OPR'S DEPT. _____ ENG. DEPT. _____

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNLESS CERTIFIED AND DATED

PILE FOUNDATION, CAP, SPLICE DETAILS, PROTECTIVE COATING AND UPLIFT CONNECTIONS FOR H-PILES USED WITH CONCRETE FOUNDATIONS

STD. DWG.

JOB ORDER NO.	INDEX	PLANT NO.	DRAWING NO.	REV. NO.
	Q	990	AB-036665 SHEET.1	5