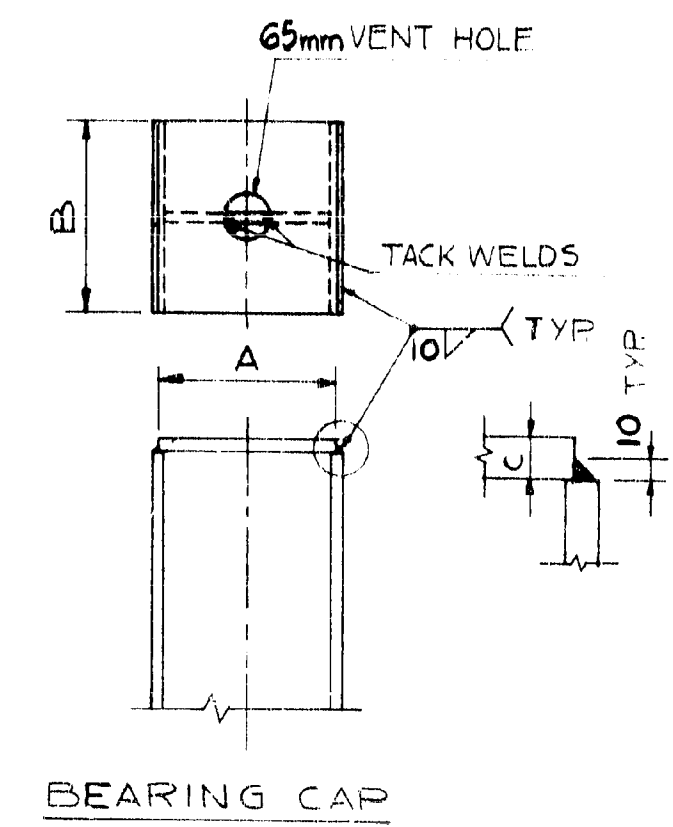
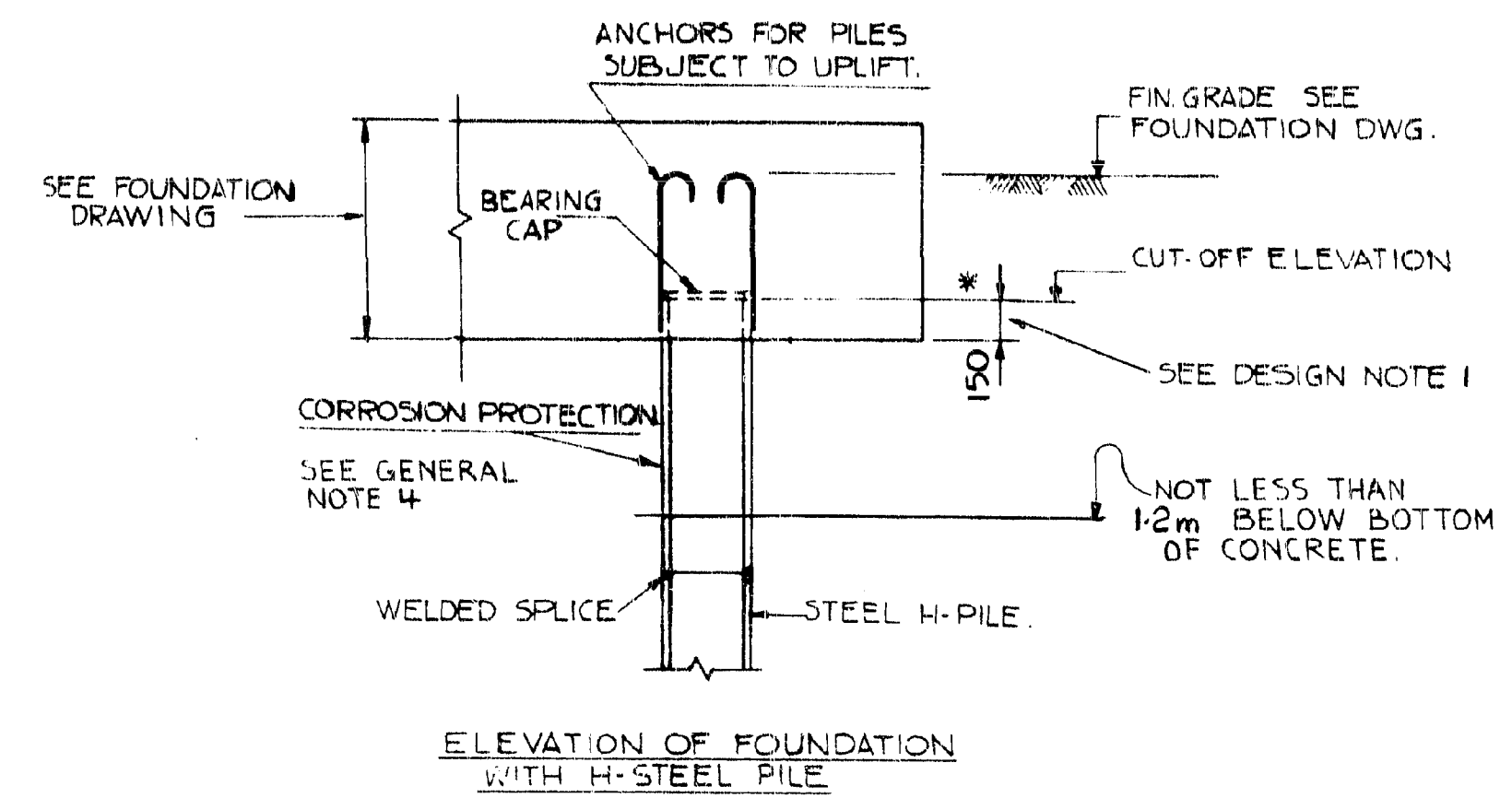
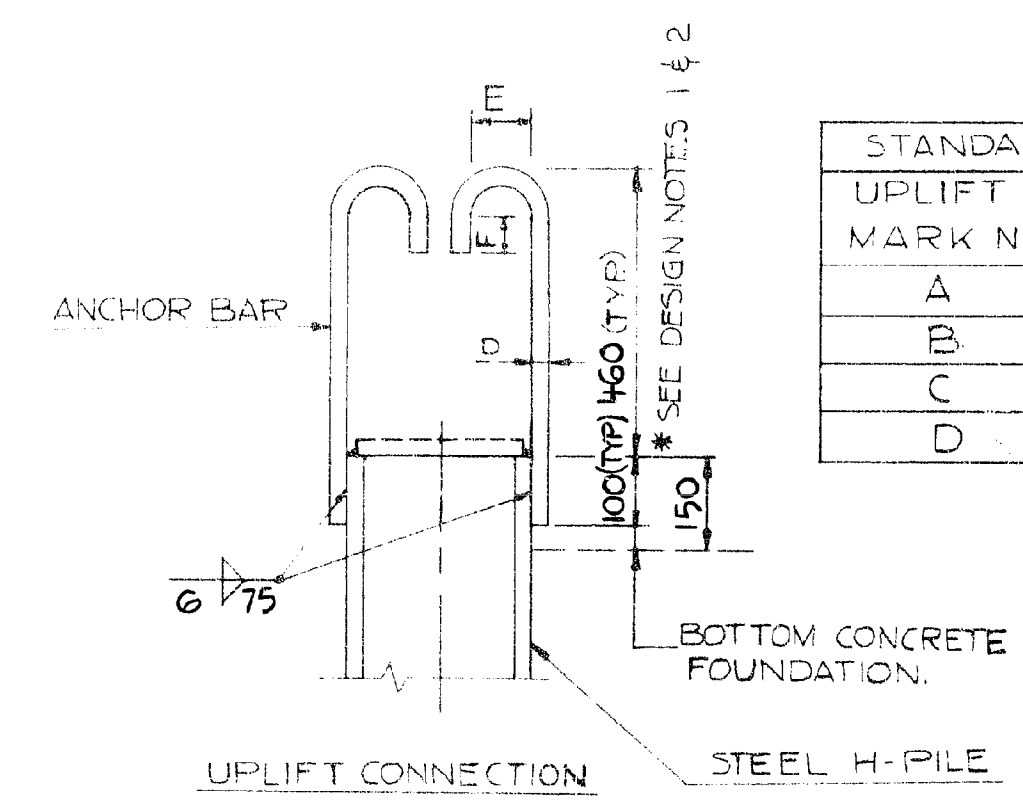
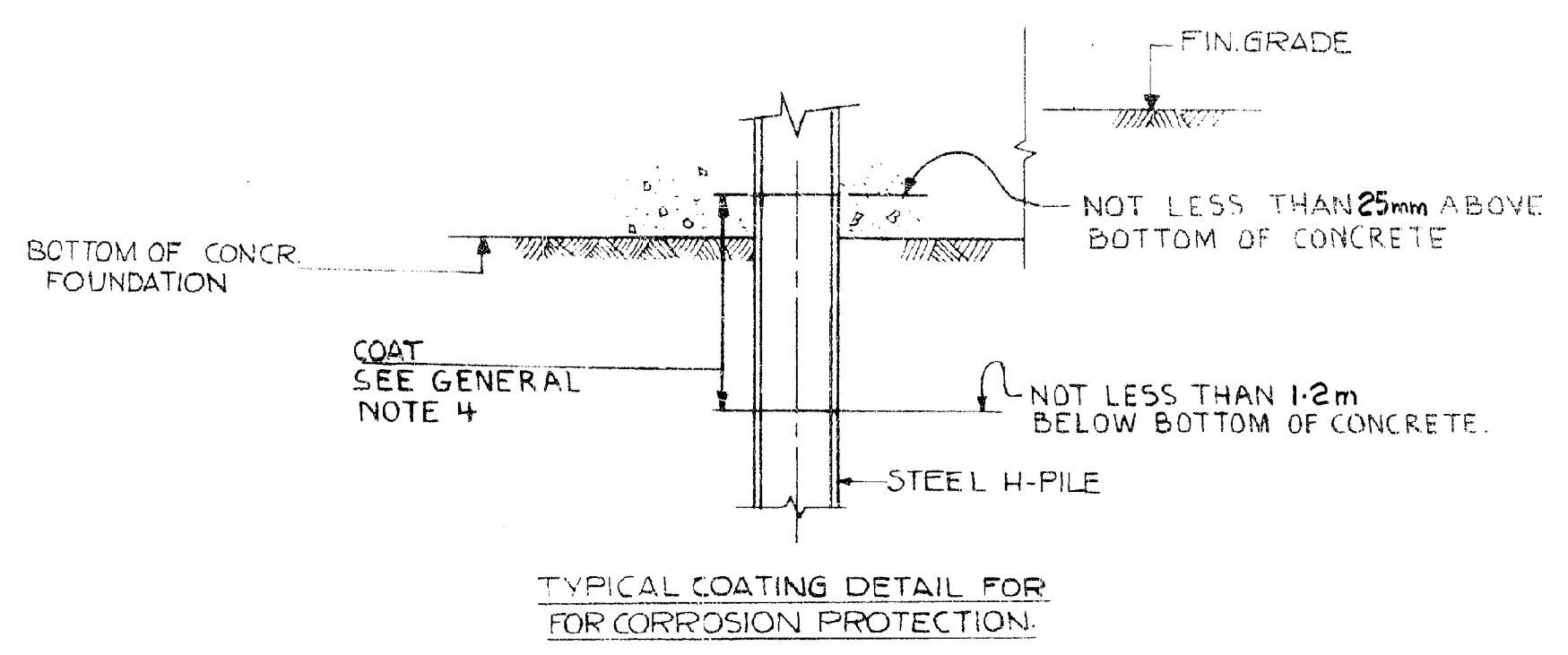




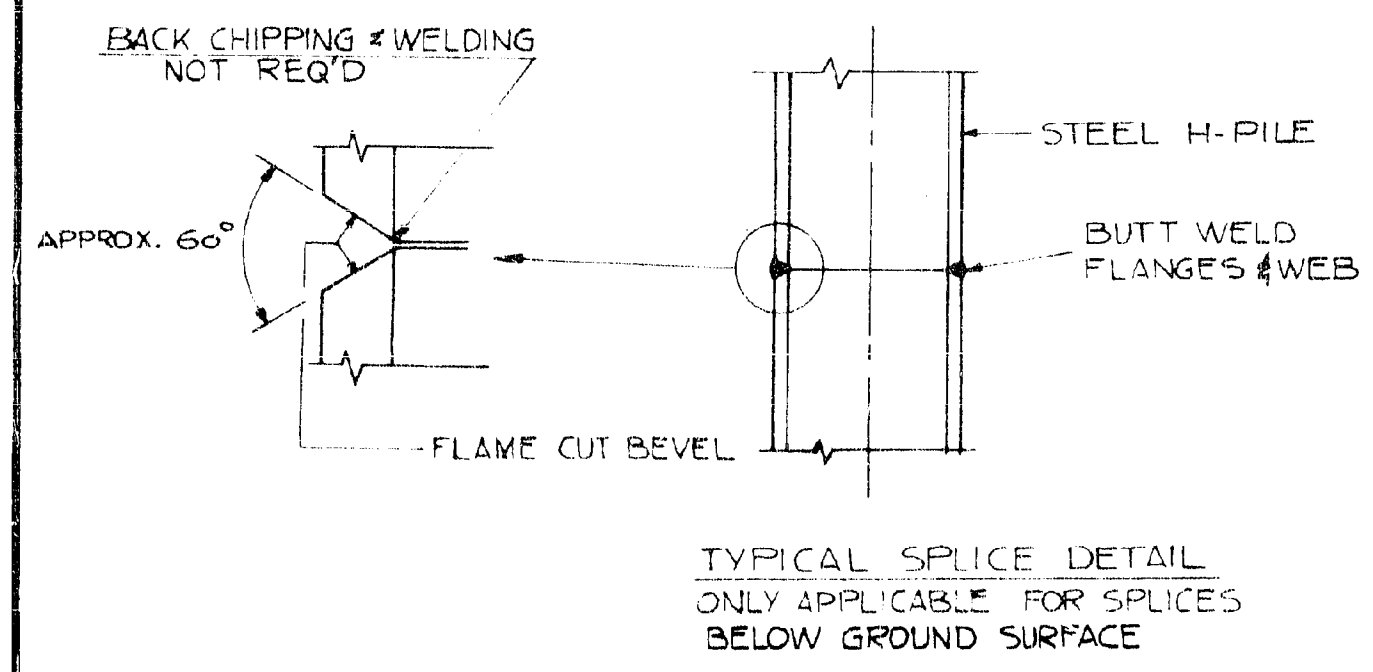
TYP SIZE CAP PLATE		
PILE *	A, mm	B, mm
HP14"x89	330	360
HP12"x53	278	305
HP10"x42	228	255
HP8"x36	183	205

* CAP OF BATTER PILES PERPENDICULAR TO PILE AXIS.

PILE LOAD kN.	C mm	CAP MARK NO
0 - 180	13	1
180	22	2
270	25	3
360	29	4
540	32	5



STANDARD UPLIFT ANCHORS				
UPLIFT MARK NO	DIAM ANCHOR BARS (D), mm	MAX. UPLIFT PER PILE kN.	E mm	F mm
A	φ20	40	115	75
B	φ22	53	135	90
C	φ25	70	150	100
D	φ30	90	150	100



DESIGN NOTES

- FOR UPLIFTS GREATER THAN 90 kN, EXTEND PILE FAR ENOUGH INTO FOUNDATION TO PROVIDE SURFACE AREA ON PILE TO CARRY LOAD IN BOND AT 415 kPa. PILE SURFACE WITHIN 300mm OF BTM 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^{NO} 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 1.2 METER 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.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

REV. NO.	DATE	BY	DESCRIPTION	DATE	BY	APP'D
0	11-82	BJ	METRIC VERSION	11-82	SH	11/82
ARABIAN AMERICAN OIL COMPANY						
DRAWN BY <u>BJ</u> CHECKED BY <u>SH</u> SCALE: <u>NONE</u>						
DATE STARTED <u>2-22-67</u> DATE COMPLETED <u>2-22-67</u>						
OPR'S DEPT. <u> </u> ENG. DEPT. <u> </u>						
THIS DRAWING IS THE PROPERTY OF ARAMCO AND IS NOT TO BE REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF ARAMCO. REVISED						
METRICATED PILE FOUNDATION, CAP, SPLICE DETAILS, PROTECTIVE COATING & UPLIFT CONNECTIONS FOR H-PILES USED WITH CONC FOUND. STD DWG.						