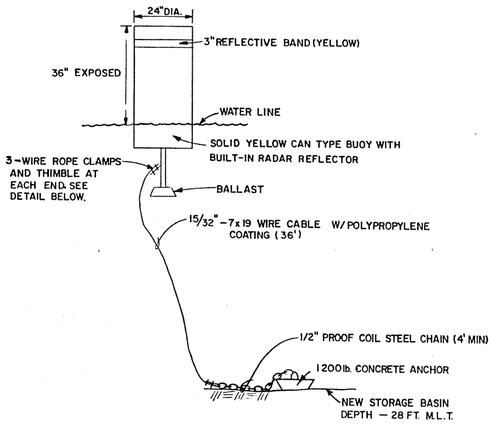
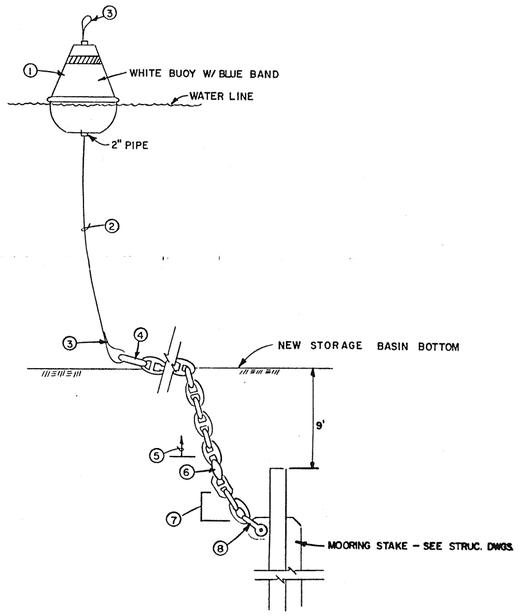


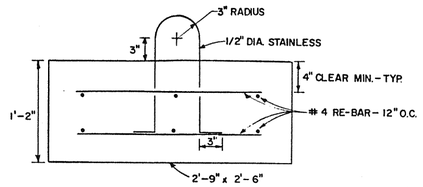
ANCHORAGE BUOY DETAIL

N.T.S.



MOORING STAKE ASSEMBLY

N.T.S.

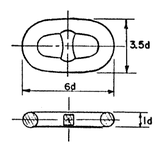


CONCRETE ANCHOR DETAIL

N.T.S.

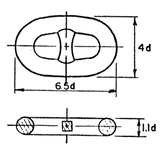
KEY NOTES:

1. HEAVY DUTY MOORING BUOY, CAPABLE OF SUPPORTING 100 LBS. TACKLE WHEN 1/3 SUBMERGED.
2. GALV. WIRE ROPE, 3/4" DIAMETER, 6x19 STEEL CORE, MIN. BREAKING STRENGTH 46,000 LBS. LENGTH OF ROPE MEASURED FROM EYE TO EYE TO BE 40'.
3. EACH EYE TO BE 4 1/2" WIDE, 8" LONG. TERMINATE EACH END W/5 WIRE ROPE CLIPS SPACED 4 1/2" APART. U-BOLTS ON DEAD END OF ROPE.
4. "PEAR" SHAPED DETACHABLE ANCHOR SHACKLE.
5. OIL RIG QUALITY ANCHOR CHAIN, 90' LONG, 2 3/4" COMMON LINKS. (GOVERNMENT FURNISHED)
6. KENTER JOINING SHACKLE.
7. NORMAL ADAPTER PIECE, 2 3/4" DIA., CONSISTING OF 1 EACH COMMON LINK, ENLARGED LINK, AND END LINK.
8. "D" TYPE ANCHOR SHACKLE.



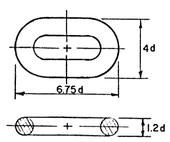
COMMON LINK

N.T.S.



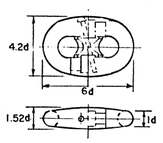
ENLARGED LINK

N.T.S.



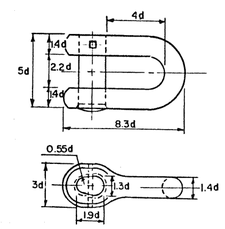
END LINK

N.T.S



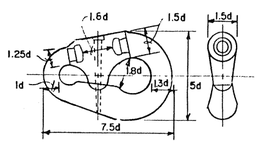
KENTER JOINING SHACKLE

N.T.S.



ANCHOR SHACKLE "D" TYPE

N.T.S.

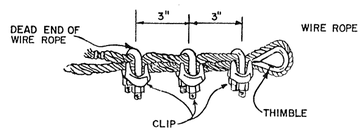


DETACHABLE ANCHOR SHACKLE "PEAR" SHAPED

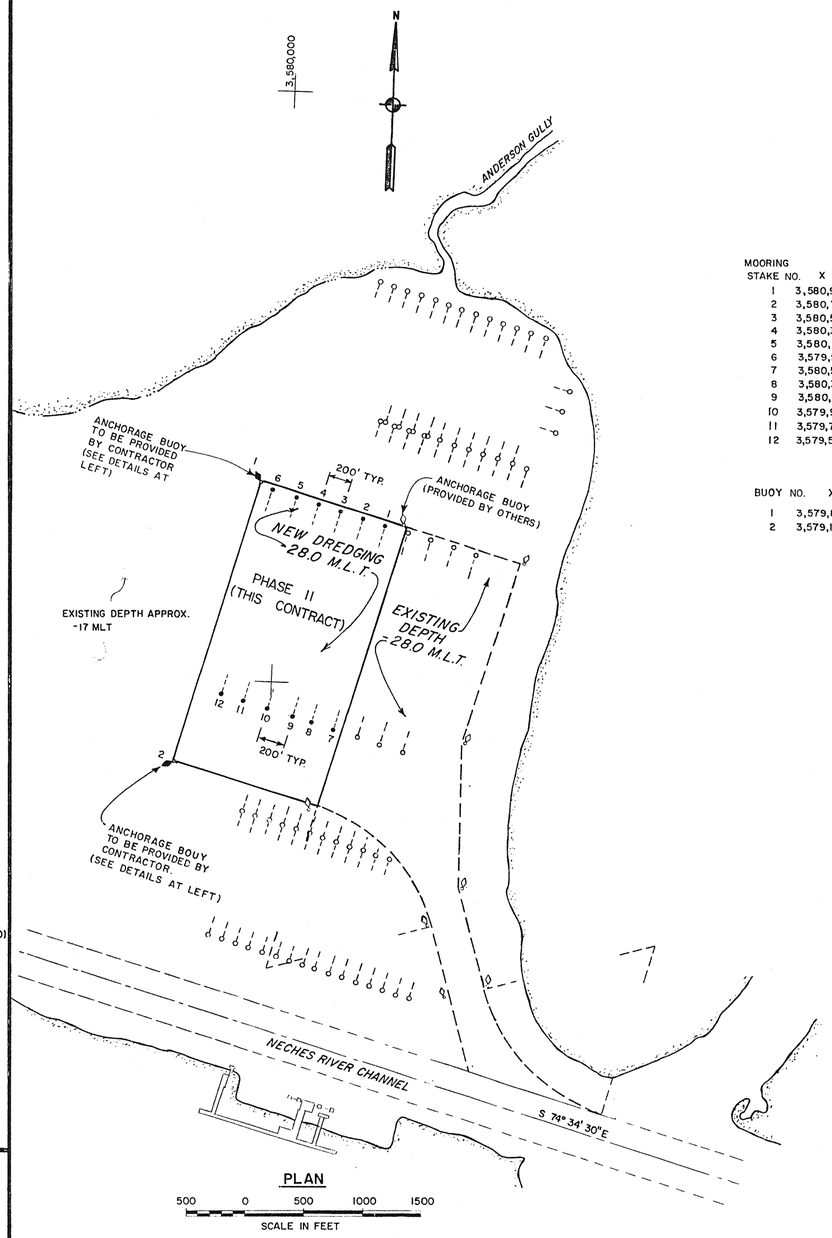
N.T.S.

ANCHOR CHAIN COMPONENTS

d = 2 3/4"



WIRE ROPE W/CLIPS & THIMBLE FOR ANCHORAGE BUOY



PLAN

500 0 500 1000 1500

SCALE IN FEET

MOORING STAKE NO.	X	Y
1	3,580,936.75	831,381.91
2	3,580,743.96	831,435.11
3	3,580,551.16	831,488.31
4	3,580,358.37	831,541.51
5	3,580,165.57	831,594.71
6	3,579,972.78	831,647.91
7	3,580,554.37	829,620.16
8	3,580,361.58	829,673.36
9	3,580,168.78	829,726.56
10	3,579,975.99	829,779.76
11	3,579,783.19	829,832.96
12	3,579,590.40	829,886.16

BUOY NO.	X	Y
1	3,579,841.49	831,736.02
2	3,579,176.51	829,326.08

LEGEND

- EXISTING MOORING STAKE
- NEW MOORING STAKE
- EXISTING ANCHORAGE BUOY
- NEW ANCHORAGE BUOY

REVISION	DATE	DESCRIPTION	BY

OFFICE OF THE DISTRICT ENGINEER
U.S. ARMY ENGINEER DISTRICT, GALVESTON
CORPS OF ENGINEERS
GALVESTON, TEXAS

DRAWN BY:
TRACED BY: A. R. Jr.
CHECKED BY: A.M.
SUBMITTED BY: CHIEF, GENERAL ENGINEERING SECTION
APPROVED: CHIEF DESIGN BRANCH
APPROVED: ACTING CHIEF, ENGINEERING DIVISION

BEAUMONT, TEXAS
U.S. MARITIME ADMINISTRATION
RESERVE FLEET SITE
PHASE II
DREDGING AND STAKING MOORING AREA

STAKE RENEWAL, PLAN AND DETAILS

DATE: APRIL 1991
SCALE: AS SHOWN
SPEC DATE
DRAWING NUMBER: C-6
SHEET 6 OF 24
FILE NO. SN 105-200

PREPARED UNDER THE DIRECTION OF
BRINK P. MILLER, COL., C.E.
DISTRICT ENGINEER