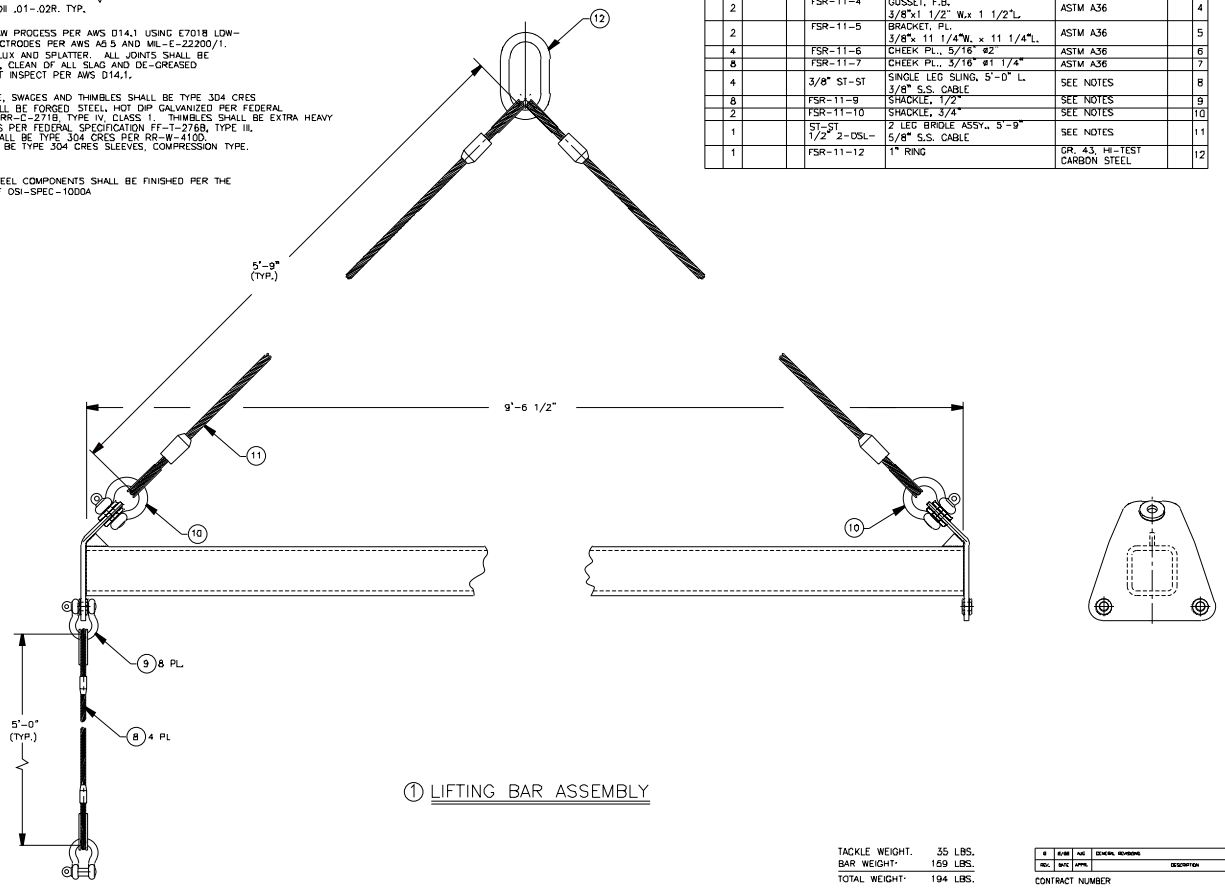
NOTES:

1. INTERPRET DRAWING PER MIL-STD-100E.
2. UNLESS OTHERWISE SPECIFIED.
   A. BREAK ALL SHARP EDGES: .005-.015R.
   B. GRIND ALL FLAME OR SAW CUT EDGES SMOOTH.
   C. MACHINE SURFACE FINISH 125
   D. FILLET RADII .01-.02R. TYP.
3. WELDING: SMAW PROCESS PER AWS D14.1 USING E7018 LOW-HYDROGEN ELECTRODES PER AWS A5.5 AND MIL-E-22200/1. REMOVE ALL FLUX AND SPLATTER. ALL JOINTS SHALL BE WIRE BRUSHED, CLEAN OF ALL SLAG AND DE-GREASED DYE PENETRANT INSPECT PER AWS D14.1.
4. ALL WIRE ROPE, SWAGES AND THIMBLES SHALL BE TYPE 304 CRES SHACKLES SHALL BE FORGED STEEL, HOT DIP GALVANIZED PER FEDERAL SPECIFICATION RR-C-271B, TYPE IV, CLASS 1. THIMBLES SHALL BE EXTRA HEAVY TYPE 304 CRES PER FEDERAL SPECIFICATION FF-T-276B, TYPE III. WIRE ROPE SHALL BE TYPE 304 CRES PER RR-W-410D. SWAGES SHALL BE TYPE 304 CRES SLEEVES, COMPRESSION TYPE.
5. FABRICATED STEEL COMPONENTS SHALL BE FINISHED PER THE PROVISIONS OF DSI-SPEC-1000A

PARTS LIST

QTY REQD	CAGE CODE	SYM	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ZONE	ITEM NO.
			FSR-11-1	LIFTING BAR ASSEMBLY			1
2			FSR-11-2	BRACKET ASSEMBLY			2
1			FSR-11-3	SQ. STRL. ST. TBG. 4"x 3/8"x 9'-6 1/2" L	ASTM A500, GR. B		3
2			FSR-11-4	GUSSET, F.B. 3/8"x1 1/2" W.x 1 1/2"L.	ASTM A36		4
2			FSR-11-5	BRACKET, PL. 3/8"x 11 1/4"W. x 11 1/4"L.	ASTM A36		5
4			FSR-11-6	CHEEK PL., 5/16" ø2"	ASTM A36		6
8			FSR-11-7	CHEEK PL., 3/16" ø1 1/4"	ASTM A36		7
4			3/8" ST-ST	SINGLE LEG SLING, 5'-0" L. 3/8" S.S. CABLE	SEE NOTES		8
8			FSR-11-9	SHACKLE, 1/2"	SEE NOTES		9
2			FSR-11-10	SHACKLE, 3/4"	SEE NOTES		10
1			ST-ST 1/2" 2-DSL-	2 LEG BRIDLE ASSY., 5'-9" 5/8" S.S. CABLE	SEE NOTES		11
1			FSR-11-12	1" RING	GR. 43, HI-TEST CARBON STEEL		12



① LIFTING BAR ASSEMBLY

TACKLE WEIGHT. 35 LBS.
BAR WEIGHT: 159 LBS.
TOTAL WEIGHT: 194 LBS.

REV.	DATE	APPR.	DESCRIPTION	CHK
0	6/98	AJC	GENERAL REVISIONS	CWR

CONTRACT NUMBER DTCG-95-DEC-5028

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES.
TOLERANCES FRACTIONS ±1/32 DECIMALS ±.01 ±.005 ANGLES ±1°

DICHROMA, INCORPORATED
ALEXANDRIA, VIRGINIA
(703) 921-1440

CONSULTANTS

U. S. COAST GUARD
CIVIL ENGINEERING
WASHINGTON, DC

USCG. COMDT G-SEC-2
2100 2ND STREET SW
WASHINGTON, DC 20593-0001

ISSUE

MARK	DATE	DESCRIPTION
01	06/01/01	LV

A/E PROJECT NO: 238
CAD FILE NAME: 21725FSR1101001
DESIGNED BY: RMS
DRAWN BY: JGD
EDITED BY:
CHECKED BY: AJC

SCALE: 3" = 1' PLOT SCALE:

SHEET TITLE

FAST SWEEP
G-SEC-2C
WASHINGTON DC

LIFTING BAR ASSY.

REVIEWED BY:	REVIEWED BY	REVIEWED BY:
PROJECT ENG.	BRANCH CHIEF	G-SEC-2
CHIEF, CIVIL ENG		DATE

PROJECT NUMBER	DRAWING NUMBER
98-	1725FSR1101
DISCIPLINE/SHT NO	SHEET 1 OF 2