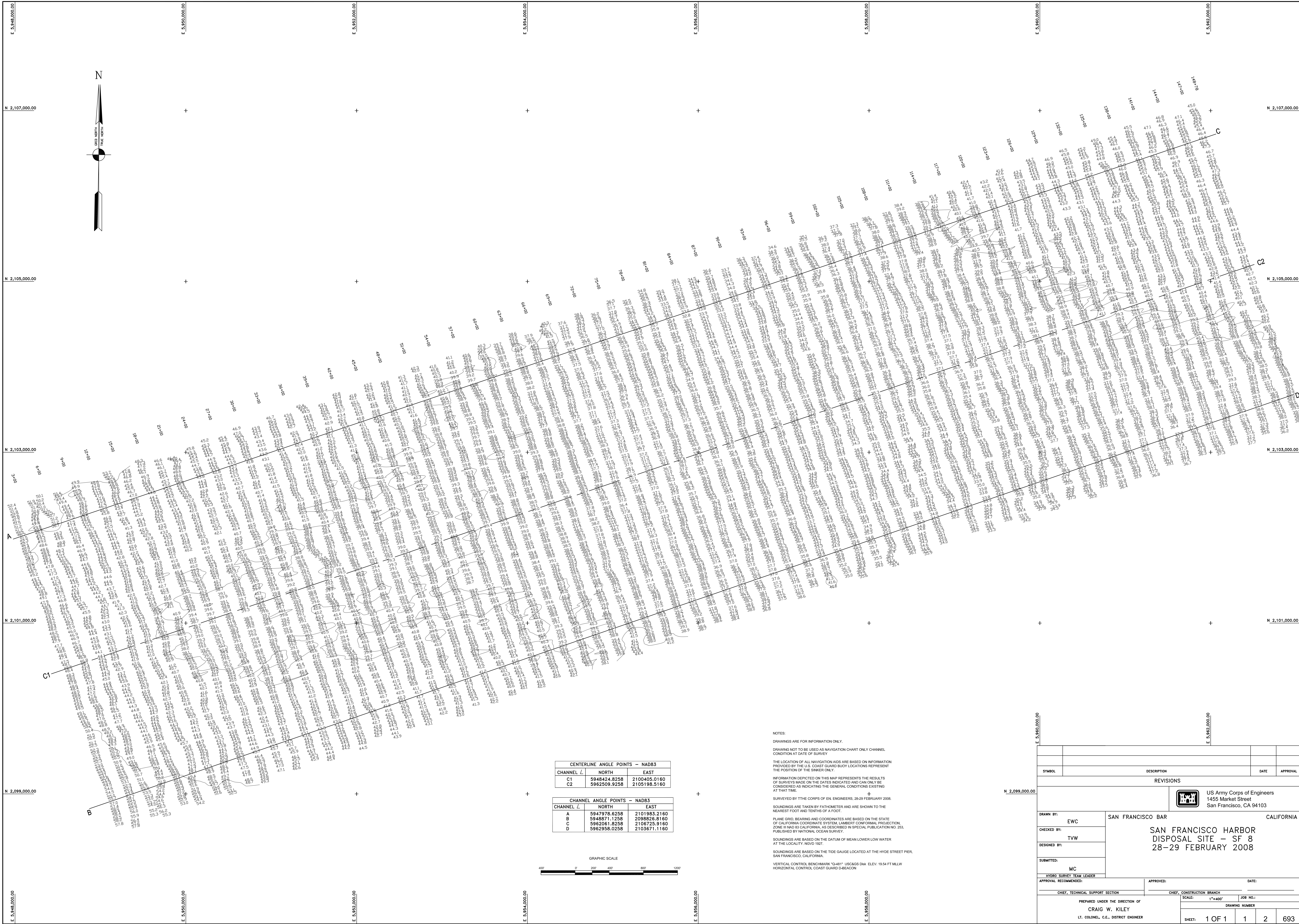
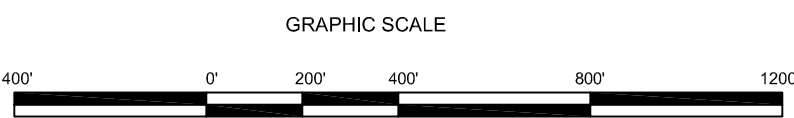




CENTERLINE ANGLE POINTS - NAD83			
CHANNEL	L	NORTH	EAST
C1		5946424.8258	2100405.0160
C2		5962509.9258	2105198.5160

CHANNEL ANGLE POINTS - NAD83			
CHANNEL	L	NORTH	EAST
A		5947975.6258	2101983.2160
B		5945871.1258	2098828.6160
C		5962061.8258	2106725.9160
D		5962958.0258	2103671.1160



NOTES:
DRAWINGS ARE FOR INFORMATION ONLY.
DRAWING NOT TO BE USED AS NAVIGATION CHART ONLY CHANNEL
CONDITION AT DATE OF SURVEY
THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION
PROVIDED BY THE U.S. COAST GUARD BUOY LOCATIONS REPRESENT
THE POSITION OF THE BUOYS ONLY.
INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS
OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE
CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING
AT THAT TIME.
SURVEYED BY THE CORPS OF EN. ENGINEERS, 28-29 FEBRUARY 2008.
SOUNDINGS ARE TAKEN BY ECHOSOUNDING AND ARE SHOWN TO THE
NEAREST FOOT AND TENTH OF A FOOT.
PLANE GRID, BEARING AND COORDINATES ARE BASED ON THE STATE
OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION,
ZONE 18NAD IS CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 253,
PUBLISHED BY NATIONAL OCEAN SURVEY.
SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER
AT THE LOCALITY, NGVD 1929.
SOUNDINGS ARE BASED ON THE TIDE GAUGE LOCATED AT THE HYDE STREET PIER,
SAN FRANCISCO, CALIFORNIA.
VERTICAL CONTROL, BENCHMARK "D-481" USACE DMR ELEV: 15.54 FT MLLW
HORIZONTAL CONTROL, COAST GUARD D-BEACON

E 5946000.00		E 5962000.00	
N 2,107,000.00		N 2,107,000.00	
N 2,105,000.00		N 2,105,000.00	
N 2,103,000.00		N 2,103,000.00	
N 2,101,000.00		N 2,101,000.00	
N 2,099,000.00		N 2,099,000.00	
E 5946000.00		E 5962000.00	
E 5950000.00		E 5950000.00	
E 5952000.00		E 5952000.00	
E 5954000.00		E 5954000.00	
E 5956000.00		E 5956000.00	
E 5958000.00		E 5958000.00	
E 5960000.00		E 5960000.00	
E 5962000.00		E 5962000.00	

SYMBOL		DESCRIPTION	DATE	APPROVAL
REVISIONS				
US Army Corps of Engineers 1455 Market Street San Francisco, CA 94103				
DRAWN BY:		SAN FRANCISCO BAR CALIFORNIA		
CHECKED BY:		SAN FRANCISCO HARBOR DISPOSAL SITE - SF 8 28-29 FEBRUARY 2008		
DESIGNED BY:				
SUBMITTED:				
HYDRO SURVEY TEAM LEADER				
APPROVAL RECOMMENDED:		APPROVED: DATE:		
CHIEF, TECHNICAL SUPPORT SECTION		CHIEF, CONSTRUCTION BRANCH		
PREPARED UNDER THE DIRECTION OF CRAIG W. KILEY LT. COLONEL, C.E., DISTRICT ENGINEER		SCALE: 1"=400' JOB NO.: DRAWING NUMBER: SHEET: 1 OF 1 1 2 693		