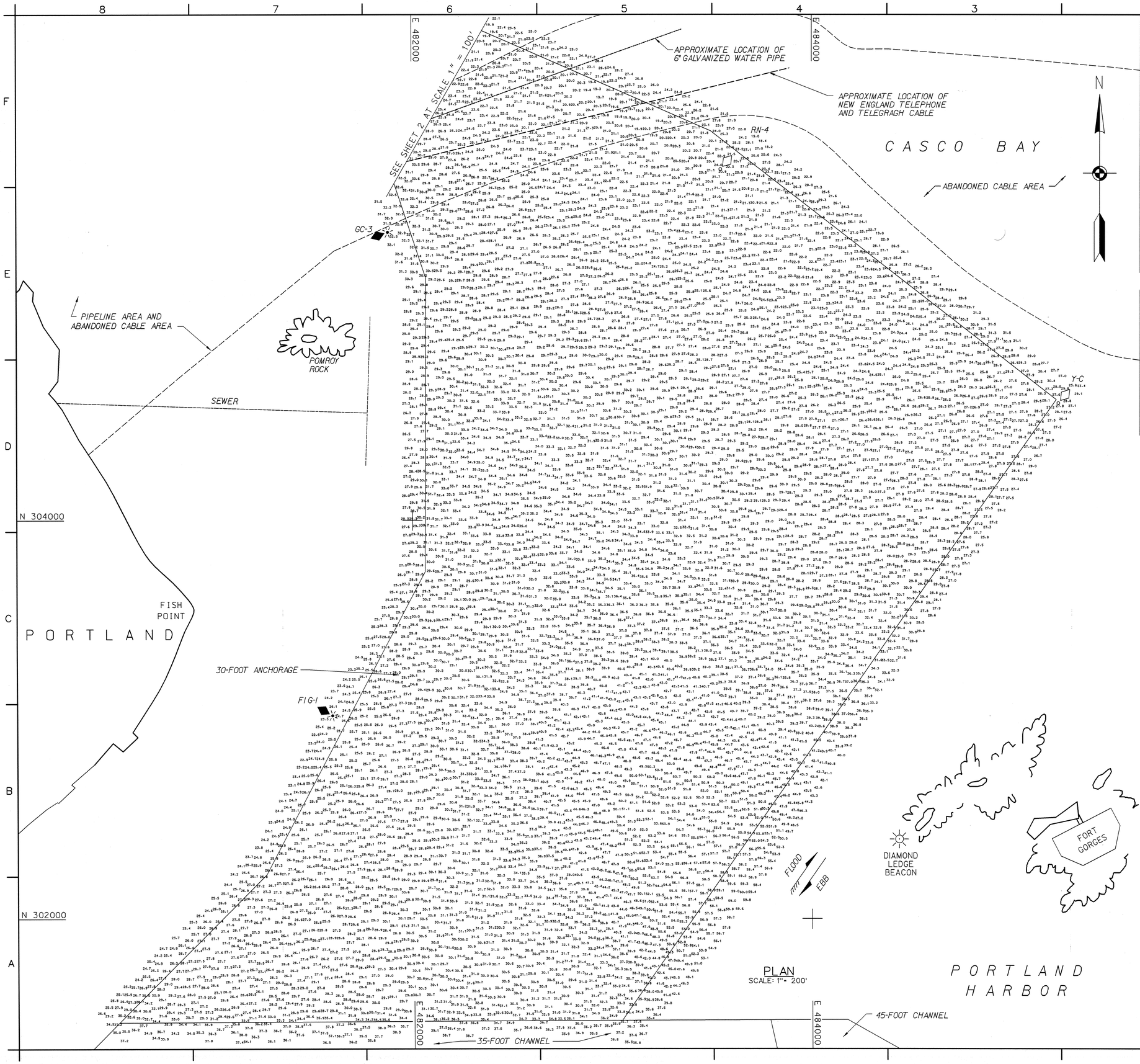
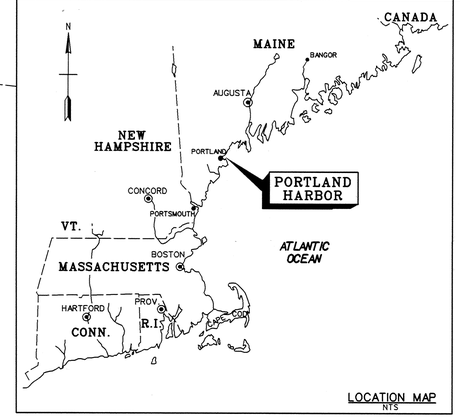


PLAN
SCALE: 1" = 200'



LOCATION MAP
NTS

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
Y-C	03/24/06	N 304588.75 E 485235.30	43° - 40′ - 08.4″N 70° - 13′ - 20.9″W
FI G-1	03/24/06	N 303019.55 E 481593.61	43° - 39′ - 52.9″N 70° - 14′ - 10.4″W
RN-4	03/24/06	N 305761.74 E 483545.13	43° - 40′ - 20.0″N 70° - 13′ - 43.9″W
GC-3	03/24/06	N 305445.96 E 481878.67	43° - 40′ - 16.9″N 70° - 14′ - 06.6″W
FI G-5	03/24/06	N 306679.03 E 480383.71	43° - 40′ - 29.0″N 70° - 14′ - 26.9″W
RN-6	03/24/06	N 307412.09 E 480146.14	43° - 40′ - 36.3″N 70° - 14′ - 30.2″W

GENERAL NOTES:

1. Soundings are in feet and tenths and refer to the plane of Mean Lower Low Water (MLLW) 1983-2001 Tidal Epoch.
2. Topography shown is from previous surveys and/or NOAA Chart No. 13292. All topography, including shoreline, bridges, piers, etc., is located approximate unless otherwise noted and should be used as a general reference only.
3. Bench Mark Data: BM Tidal 2 USE STA 84 is a drill hole in the top of a water table between the bases of two stone columns at the northeast side of the entrance to the U.S. Custom House located at the intersection of Commercial and Pearl Streets, 65.6 feet (20.0 m) northwest of the centerline of Commercial Street, 41.0 feet (12.5 m) northeast of the southwest corner of the Custom House, 28.5 feet (8.7 m) southwest of the northeast corner of the Custom House, and 1.0 foot (0.3 m) above the sidewalk.
Elevation is 18.58 feet above MLLW.
4. Bench Mark Data: BM Ramp (2000) is the center of a chiseled square on the northeast corner of concrete ramp to a wooden float between a double boat ramp at the northwest corner of lower Fort Allen Park accessible from East Promenade.
Elevation is 15.76 feet above MLLW.
5. Coordinates shown are based on the Transverse Mercator Grid System for the State of Maine (West Zone 1802) and NAD 1927.
6. Survey was performed using a Reson 8124 multibeam echosounder system with a 200 kHz transducer. Vessel positioning was obtained utilizing a Trimble 4000 SSE GPS Receiver with the U.S. Coast Guard Beacon System.
7. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during March 2006.
8. The sounding information depicted on these maps should NOT be used to determine volumes. Volumes are determined from more sounding information than shown. Additional sounding information is available upon request.
9. The information depicted on these maps represents the results of surveys made on the dates indicated, and can only be considered as indicating the general conditions existing at that time.
10. Field Books: R&H 4460 and 5075
Refer to Survey No. 06-813

GRAPHIC SCALE:
1" = 200'
200 0 200 400

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

Surveyed By: Jeffrey W. Preston
Plotted By: Stephen W. Kelley
Survey Section
Asst. Chief, Survey Section

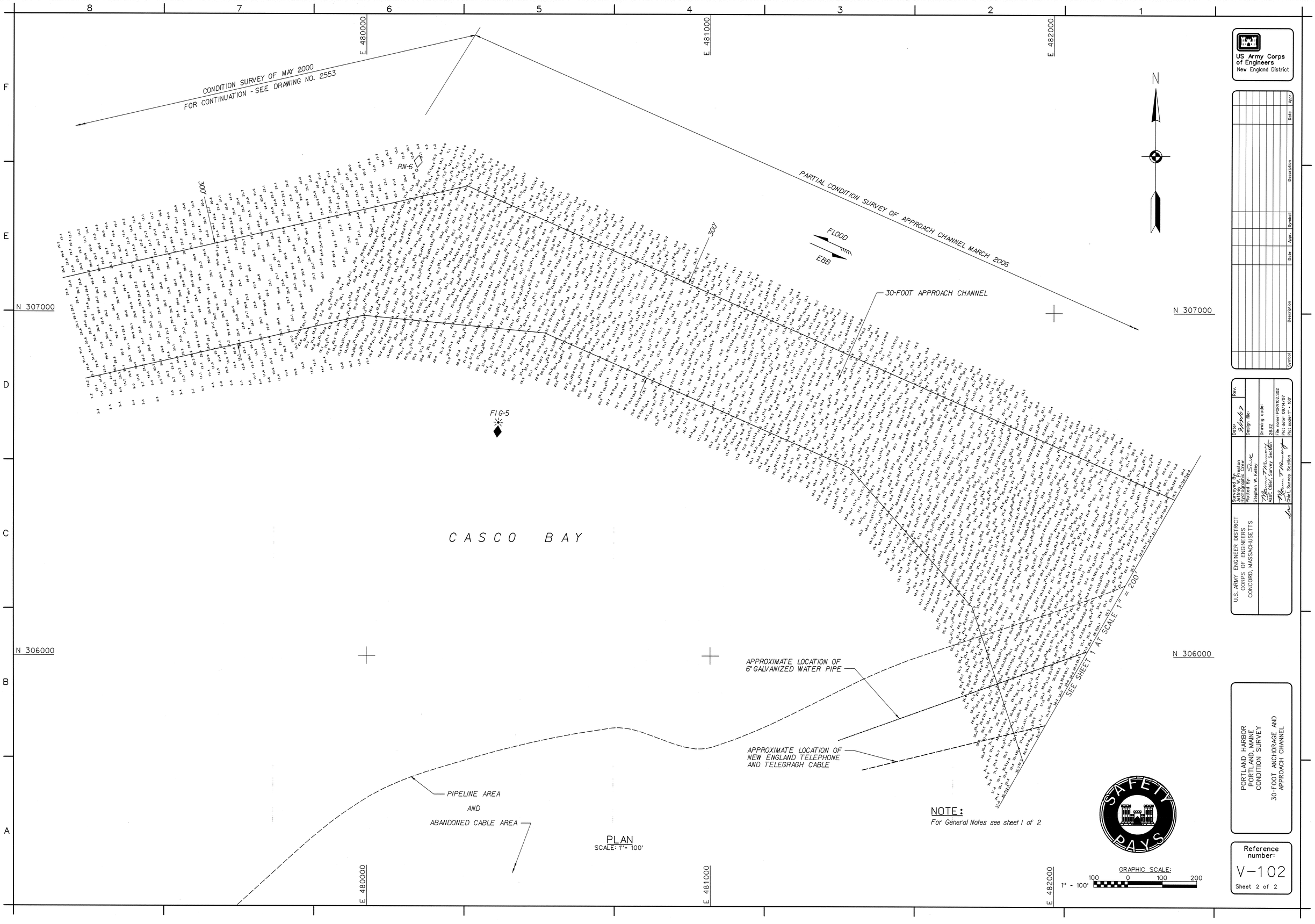
Date: 9/14/07
Design file:
Drawing code: 2632
File name: PORV01S01
Plot date: 09/14/07
Plot scale: 1" = 200'

Rev.

PORTLAND HARBOR
PORTLAND, MAINE
CONDITION SURVEY

30-FOOT ANCHORAGE AND APPROACH CHANNEL

Reference number:
V-101
Sheet 1 of 2



NOTE:
For General Notes see sheet 1 of 2

PLAN
SCALE: 1" = 100'

...\ME\POR\T06800-CON\PORV102.S02 9/14/2007 6:19:20 PM