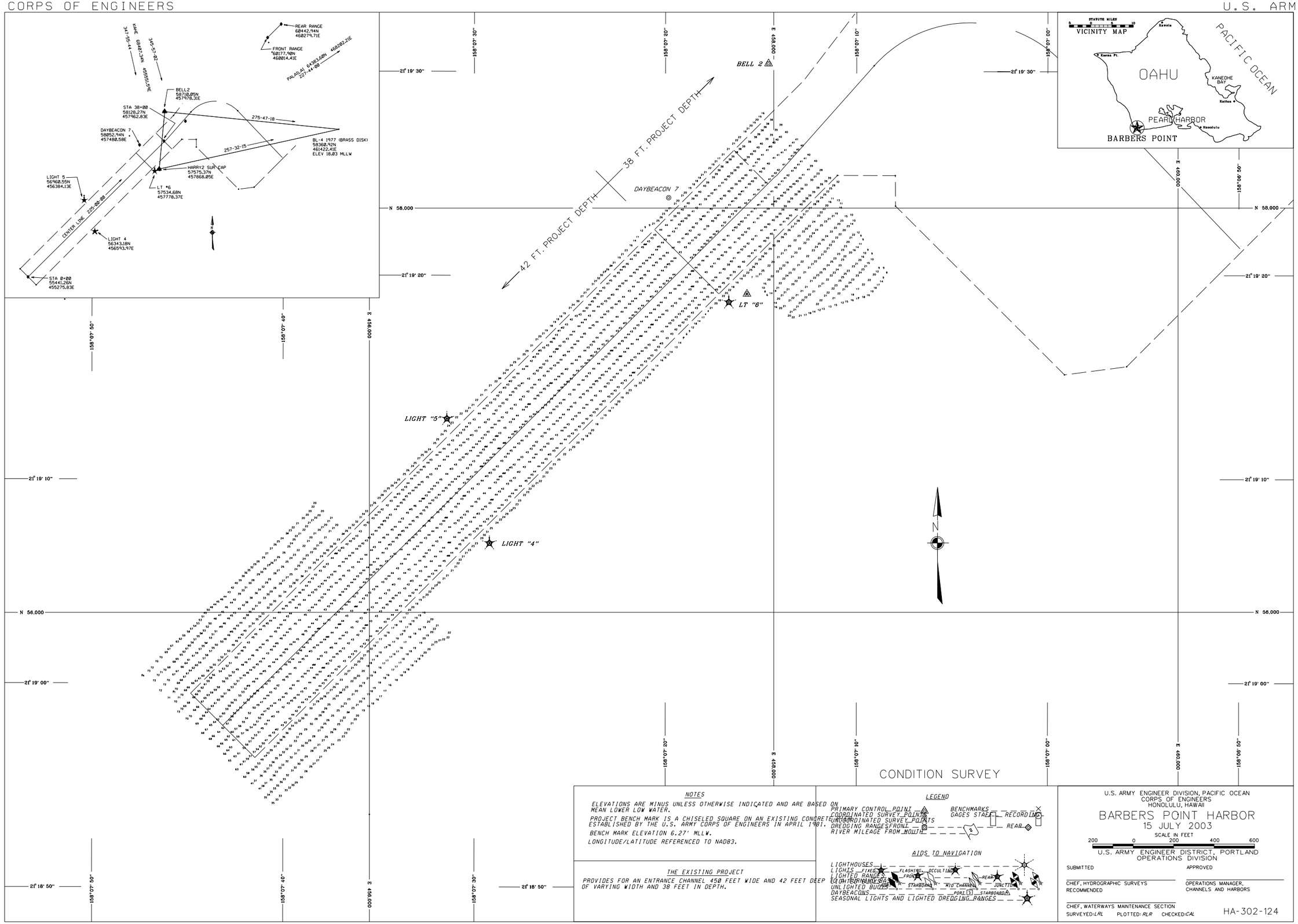

CONDITION SURVEY

NOTES

ELEVATIONS ARE MINUS UNLESS OTHERWISE INDICATED AND ARE BASED ON MEAN LOWER LOW WATER.

PROJECT BENCH MARK IS A CHISELED SQUARE ON AN EXISTING CONCRETE MONUMENT ESTABLISHED BY THE U.S. ARMY CORPS OF ENGINEERS IN APRIL 1981.

BENCH MARK ELEVATION 6.27' MLLW.

LONGITUDE/LATITUDE REFERENCED TO NAD83.

THE EXISTING PROJECT

PROVIDES FOR AN ENTRANCE CHANNEL 450 FEET WIDE AND 42 FEET DEEP LONGITUDINALLY OF VARYING WIDTH AND 38 FEET IN DEPTH.

LEGEND

PRIMARY CONTROL POINT
COORDINATED SURVEY POINTS
UNCOORDINATED SURVEY POINTS
DREDGING RANGES FRONT
RIVER MILEAGE FROM MOUTH
BENCHMARKS
GAGES STAFF
RECORDING
REAR

AIDS TO NAVIGATION

LIGHTHOUSES
LIGHTS FIXED
FLASHING
OCCULTING
LIGHTED RANGES FRONT
REAR
LIGHTED BUOYS
STARBOARD
MID CHANNEL
JUNCTION
UNLIGHTED BUOYS
DAYBEACONS
PORT
STARBOARD
SEASONAL LIGHTS AND LIGHTED DREDGING RANGES

U.S. ARMY ENGINEER DIVISION, PACIFIC OCEAN
CORPS OF ENGINEERS
HONOLULU, HAWAII

BARBERS POINT HARBOR

15 JULY 2003

SCALE IN FEET
200 0 200 400 600

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED

APPROVED

CHIEF, HYDROGRAPHIC SURVEYS
RECOMMENDED

OPERATIONS MANAGER,
CHANNELS AND HARBORS

CHIEF, WATERWAYS MAINTENANCE SECTION

SURVEYED: LRL PLOTTED: RLR CHECKED: CAL

HA-302-124