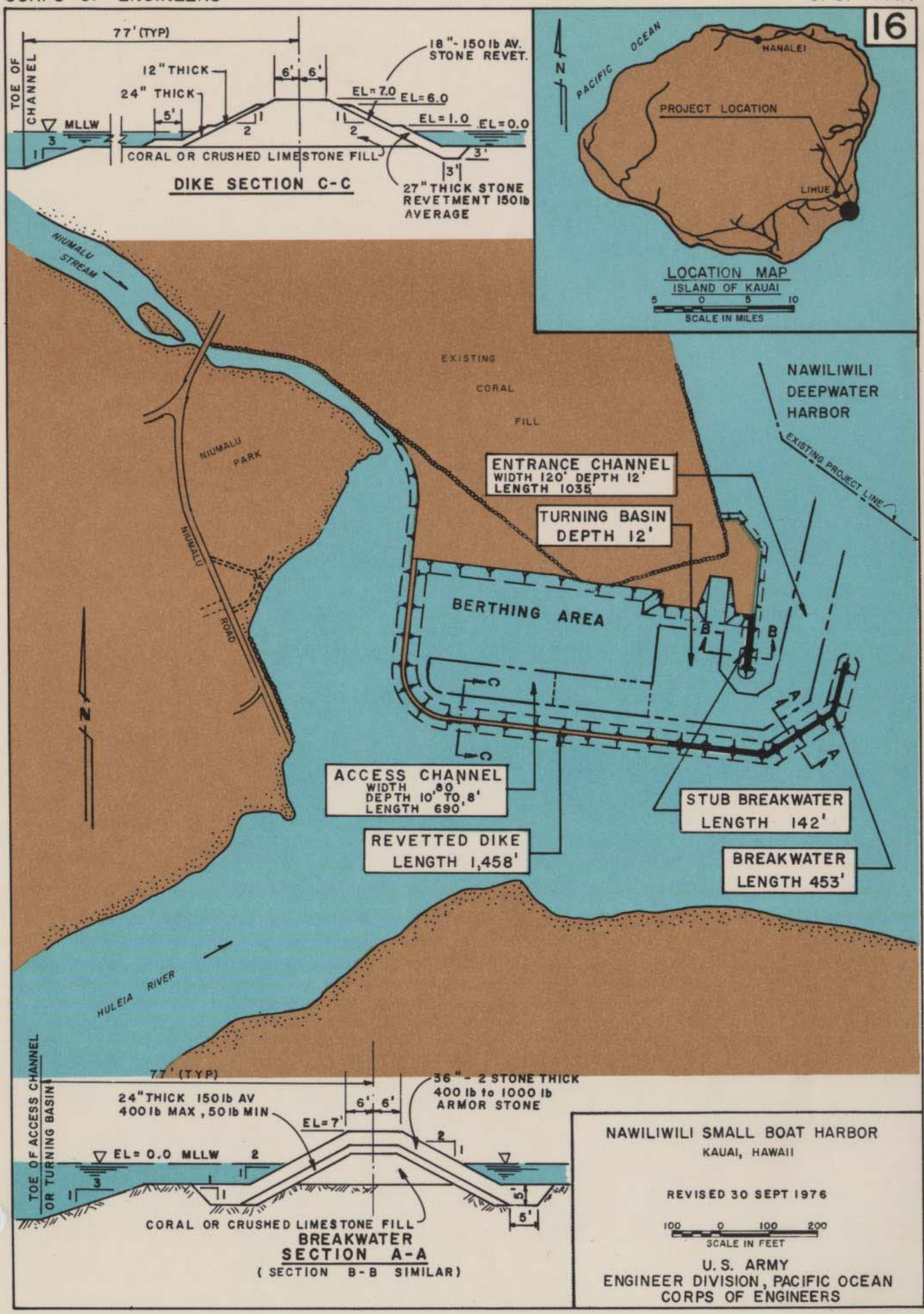
16
77' (TYP)
TOE OF CHANNEL
12" THICK
24" THICK
6' 6'
5'
18" - 150 lb AV. STONE REVET.
EL=7.0
EL=6.0
EL=1.0
EL=0.0
MLLW
CORAL OR CRUSHED LIMESTONE FILL
3'
27" THICK STONE REVETMENT 150 lb AVERAGE
DIKE SECTION C-C
PACIFIC OCEAN
N
HANALEI
PROJECT LOCATION
LIHUE
LOCATION MAP
ISLAND OF KAUAI
5 0 5 10
SCALE IN MILES
NIUMALU STREAM
EXISTING CORAL FILL
NAWILIWILI DEEPWATER HARBOR
EXISTING PROJECT LINE
NIUMALU PARK
NIUMALU ROAD
ENTRANCE CHANNEL
WIDTH 120' DEPTH 12'
LENGTH 1035'
TURNING BASIN
DEPTH 12'
BERTHING AREA
B
C
ACCESS CHANNEL
WIDTH 80'
DEPTH 10' TO 8'
LENGTH 690'
STUB BREAKWATER
LENGTH 142'
REVETTED DIKE
LENGTH 1,458'
BREAKWATER
LENGTH 453'
HULEIA RIVER
TOE OF ACCESS CHANNEL OR TURNING BASIN
77' (TYP)
24" THICK 150 lb AV
400 lb MAX, 50 lb MIN
6' 6'
EL=7'
36" - 2 STONE THICK
400 lb to 1000 lb
ARMOR STONE
EL= 0.0 MLLW
CORAL OR CRUSHED LIMESTONE FILL
5'
BREAKWATER
SECTION A-A
(SECTION B-B SIMILAR)
NAWILIWILI SMALL BOAT HARBOR
KAUAI, HAWAII
REVISED 30 SEPT 1976
100 0 100 200
SCALE IN FEET
U.S. ARMY
ENGINEER DIVISION, PACIFIC OCEAN
CORPS OF ENGINEERS