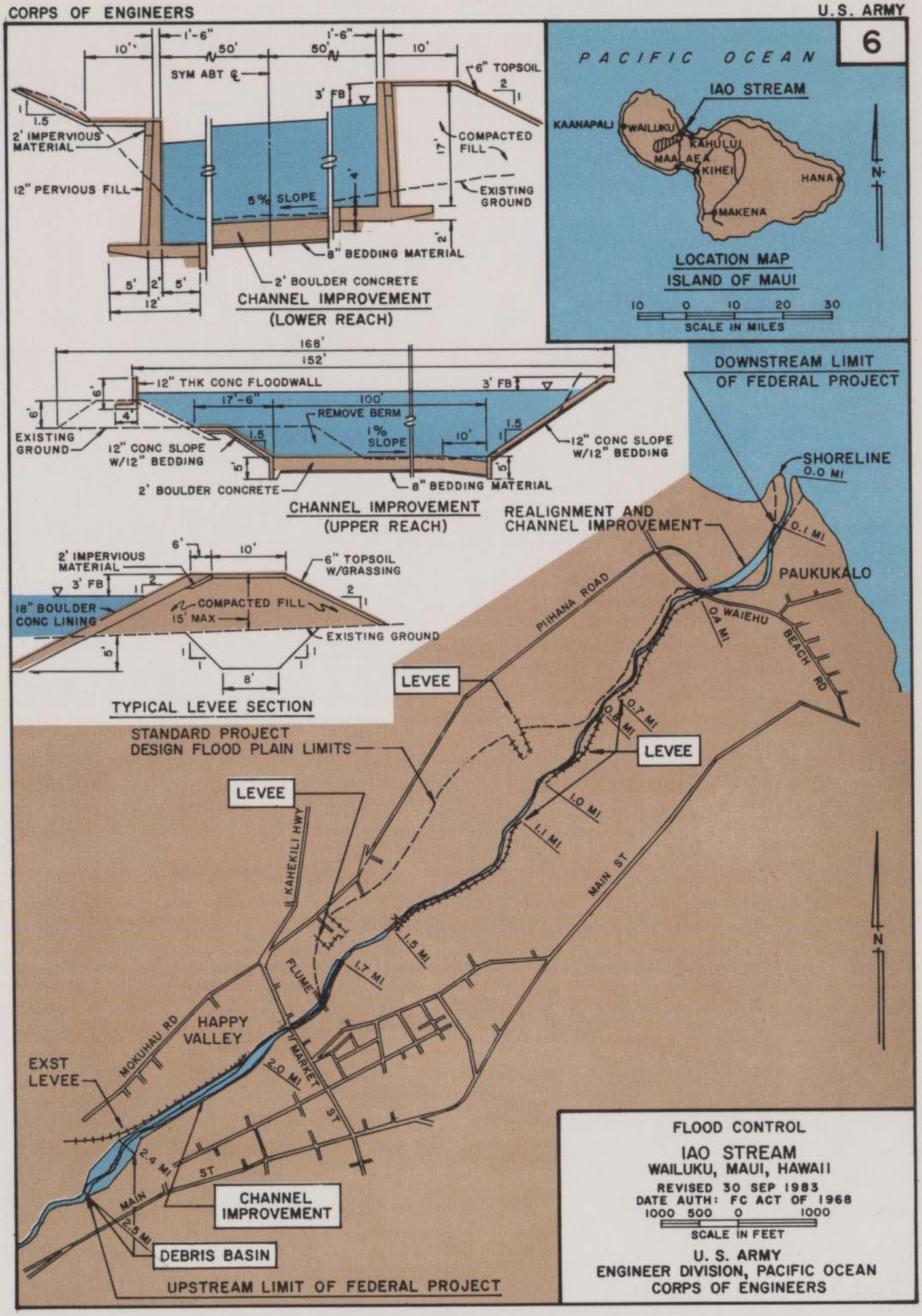
6
PACIFIC OCEAN
IAO STREAM
KAANAPALI
WAILUKU
KAHULUI
MAALAEA
KIHEI
HANA
MAKENA
N
LOCATION MAP
ISLAND OF MAUI
10 0 10 20 30
SCALE IN MILES
10'
1'-6"
50'
50'
1'-6"
10'
SYM ABT ℄
6" TOPSOIL
3' FB
2' IMPERVIOUS MATERIAL
12" PERVIOUS FILL
5% SLOPE
COMPACTED FILL
EXISTING GROUND
8" BEDDING MATERIAL
2' BOULDER CONCRETE
5' 2' 5'
12'
CHANNEL IMPROVEMENT
(LOWER REACH)
168'
152'
12" THK CONC FLOODWALL
3' FB
17'-6"
100'
REMOVE BERM
1% SLOPE
10'
EXISTING GROUND
12" CONC SLOPE W/12" BEDDING
12" CONC SLOPE W/12" BEDDING
2' BOULDER CONCRETE
8" BEDDING MATERIAL
CHANNEL IMPROVEMENT
(UPPER REACH)
DOWNSTREAM LIMIT OF FEDERAL PROJECT
SHORELINE
0.0 MI
REALIGNMENT AND CHANNEL IMPROVEMENT
0.1 MI
PAUKUKALO
PIIHANA ROAD
0.4 MI
WAIEHU BEACH RD
2' IMPERVIOUS MATERIAL
6" TOPSOIL W/GRASSING
3' FB
18" BOULDER CONC LINING
COMPACTED FILL
15' MAX
EXISTING GROUND
8'
TYPICAL LEVEE SECTION
LEVEE
0.7 MI
0.8 MI
LEVEE
STANDARD PROJECT DESIGN FLOOD PLAIN LIMITS
LEVEE
KAHEKILI HWY
1.0 MI
1.1 MI
MAIN ST
1.5 MI
1.7 MI
FLUME
HAPPY VALLEY
MOKUHAU RD
EXST LEVEE
MARKET ST
2.0 MI
2.4 MI
MAIN ST
CHANNEL IMPROVEMENT
2.5 MI
DEBRIS BASIN
UPSTREAM LIMIT OF FEDERAL PROJECT
N
FLOOD CONTROL
IAO STREAM
WAILUKU, MAUI, HAWAII
REVISED 30 SEP 1983
DATE AUTH: FC ACT OF 1968
1000 500 0 1000
SCALE IN FEET
U. S. ARMY
ENGINEER DIVISION, PACIFIC OCEAN
CORPS OF ENGINEERS