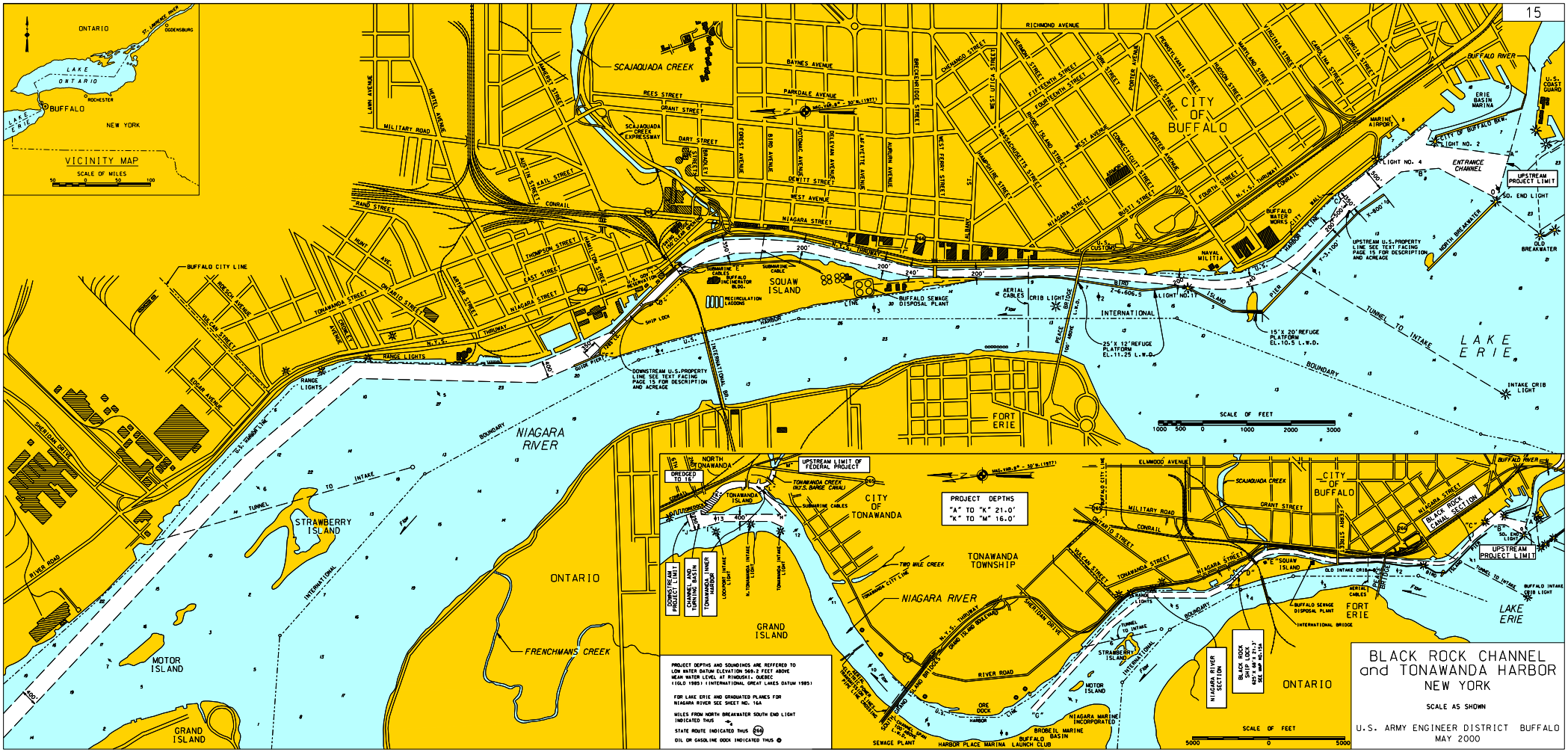
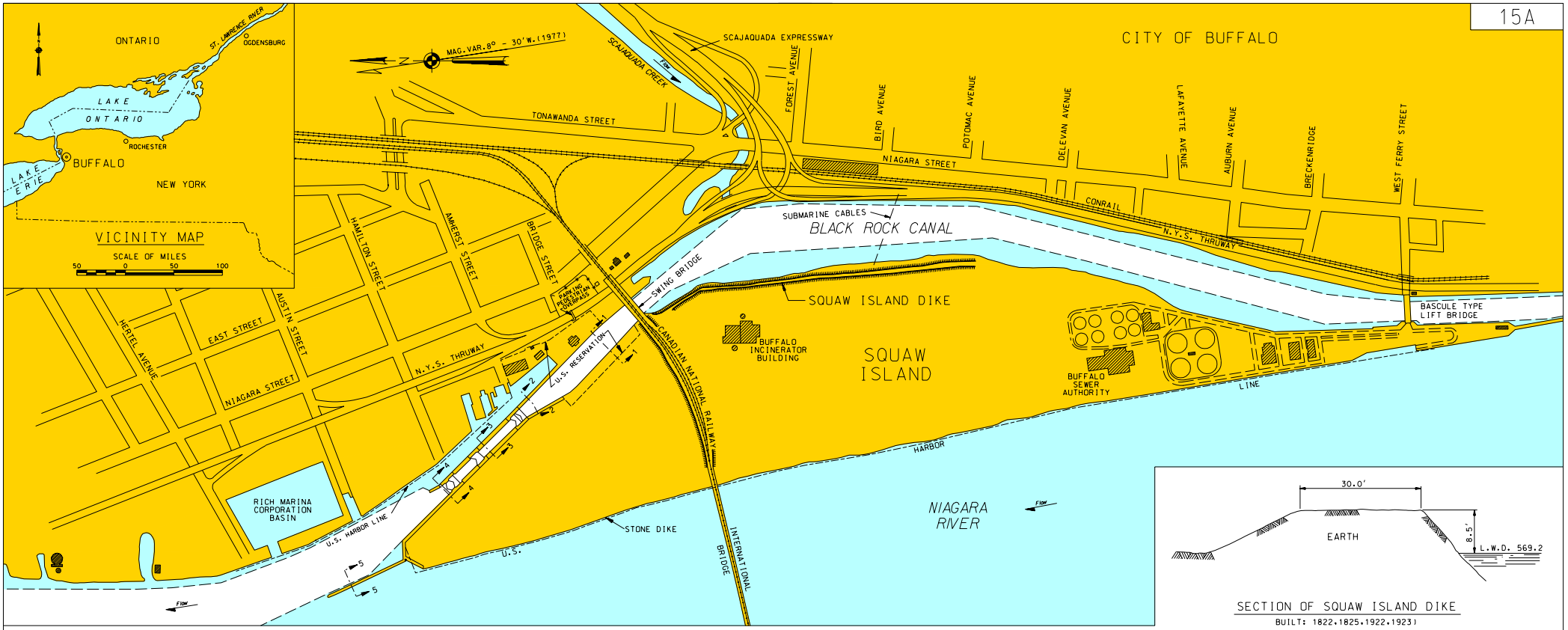


BLACK ROCK CHANNEL and TONAWANDA HARBOR
NEW YORK

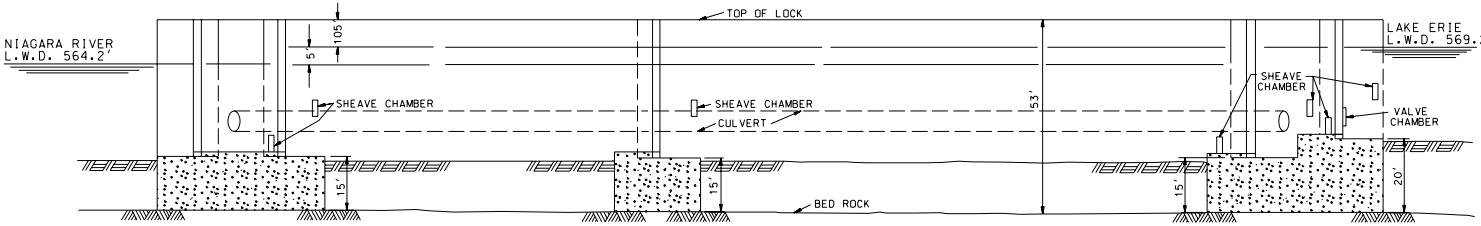
SCALE AS SHOWN

U.S. ARMY ENGINEER DISTRICT BUFFALO
MAY 2000



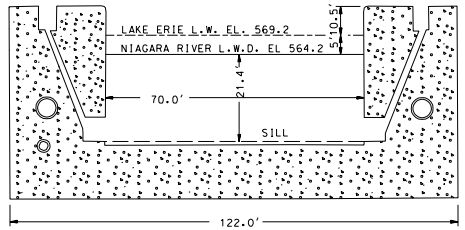
SECTION OF SQUAW ISLAND DIKE

BUILT: 1822.1825.1922.1923)



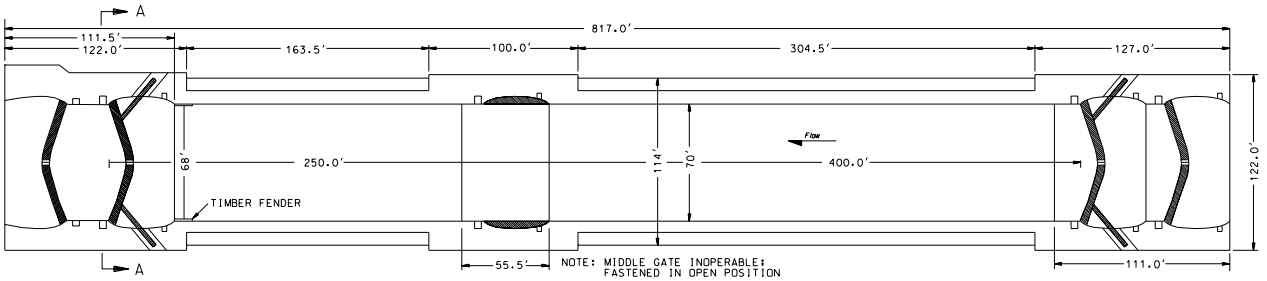
℄ PROFILE BLACK ROCK SHIP LOCK

NOT TO SCALE



SECTION OF LOWER GATE SPACE AT A-A

LOW WATER DATUM ELEVATION OF 569.2 FEET FOR LAKE ERIE OR 564.2 FEET FOR NIAGARA RIVER. ARE ABOVE MEAN LEVEL AT RIMOUSKI, QUEBEC (IGLD 1985) (INTERNATIONAL GREAT LAKES DATUM 1985)



STEEL GATES: SINGLE SKIN: OPERATED BY 8" BORE HYDRAULIC CYLINDERS. HYDRAULIC POWER CULVERT AND GATE VALVES

PLAN OF BLACK ROCK SHIP LOCK

NOT TO SCALE

MAXIMUM AVALIBLE LENGTH FOR WIDTH OF 68 FEET.=625 FT., 21.4 FT. DEPTH ON MITER SILLS. AT LOW WATER DATUM 5 FT. LIFT

BLACK ROCK CHANNEL and TONAWANDA HARBOR

NEW YORK

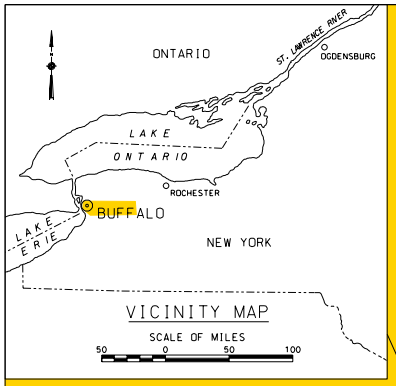
SHIP LOCK

SCALE OF FEET

500 0 500 1000 1500

U.S. ARMY ENGINEER DISTRICT BUFFALO

MAY 2000



N

AMHERST STREET

NIAGARA STREET

BRIDGE STREET

U.S. RESERVATION LIMIT

CORPS OF ENGINEERS PARKING AREA

CANADIAN NATIONAL RAILWAY SWING BRIDGE

U.S. RESERVATION LIMIT

PEDESTRIAN OVERPASS

BUILDING NO. 5 WAREHOUSE

FLAGPOLE

PARKING

NORTHBOUND N. Y. STATE THRUWAY

N. Y. STATE THRUWAY SOUTHBOUND

PARKING

U.S. RESERVATION LIMIT

BUILDING NO. 4

BUILDING NO. 2 OFFICE

BUILDING NO. 3 MACHINE SHOP

PARKING AREA

GUARD HOUSE

BLACK ROCK CANAL

ENTRANCE GATES

BUILDING NO. 1 DISTRICT OFFICE

SLIP

DANN STREET

BUILDING NO. 6

U.S. RESERVATION LIMIT

LOCK WALL

BLACK ROCK CHANNEL and TONAWANDA HARBOR
NEW YORK
U.S. RESERVATION

SCALE OF FEET
50 0 50 100 150

U.S. ARMY ENGINEER DISTRICT BUFFALO
MAY 2000