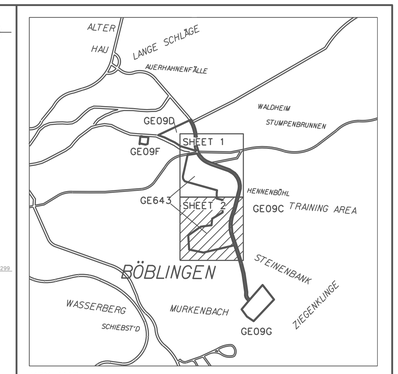

KEY MAP

SCALE 1:25,000

LEGEND

EXISTING

PERMANENT BUILDING
SEMI-PERMANENT BUILDING
TEMPORARY BUILDING
NON-US CONTROLLED BUILDING
ROAD AND PAVED PARKING
EDGE OF UNIMPROVED ROAD
RAILROAD TRACK
FENCE WITH GATE
FENCE ON BOUNDARY
INSTALLATION BOUNDARY
INDEX CONTOUR; SPOT ELEVATION
MAN WITH MANHOLE
BUILDING SERVICE
PAVED DITCH
FORCE MAIN WITH VALVE
EXACT PIPE LOCATION UNKNOWN; ABANDONED IN PLACE
CULVERT WITH OPEN DRAINAGE
FLOOD OUTLINE
INLET OR CATCH BASIN
MANHOLE
RAIN WATER RETENTION BASIN
SEPARATOR; NEUTRALIZER; TREATMENT FACILITY
PUMPING STATION
SEEPAGE PIT; DOWNSPOUT; SAND OR SOIL TRAP
PIPE OUTFALL; CAP OR PLUG
DRAINAGE DIVIDE
SEPTIC TANK; DRAIN FIELD
EASEMENT

PIPE MATERIAL

AC	ASPHALTIC CONCRETE	GS	GALVANIZED STEEL
ARCH	STONE ARCH	IC	INSULATED CONCRETE
ASC	ASBESTOS CONCRETE	MC	METAL CONDUIT
BCCM	BITUMINOUS COATED CORRUG METAL	MRP	MONTAR-ROCK BOX
BR	BRICK	PVC	POLYVINYL CHLORIDE
C	CONCRETE	R	REINFORCED CONCRETE
CA	CORRUGATED ALUMINUM	S	STEEL
CI	CAST IRON	TC	TERRACOTTA
CM	CORRUGATED METAL	TLE	TILE
CMA	CORRUGATED METAL ARCH	VC	VITRIFIED CLAY
CS	CEMENT COATED STEEL	WD	WOOD
CWS	COATED & WRAPPED STEEL	WS	WELDED STEEL
F	FIBERGLASS		

NOTE: 1. ALL SIZES IN MM.
2. ELEVATIONS IN METERS ABOVE SEA LEVEL (NN AMSTERDAM)
3. CONTOUR INTERVAL IS 1 FOOT

ABBREVIATIONS

ABND	ABANDONED IN PLACE	NB	NO DEBRIS BUCKET
AS	ACID SEWER	POL	OIL/GAS SEPARATOR
CS	COMBINED SEWER	SS	SANITARY SEWER
GS	GREASE SEWER	SW	STORM SEWER
OS	OIL SEPARATOR	SP	SPECIAL SEWER
SI	INDUSTRIAL SEWER	TC	TOP OF CASTING
MM	MILLIMETERS	UNK	UNKNOWN

TREATMENT FACILITY TYPE
P PRIMARY TREATMENT PLANT
S SECONDARY TREATMENT PLANT
T TERTIARY TREATMENT PLANT

PREVAILING WIND

GRID BASED ON UNIVERSAL TRANSVERSE MERCATOR PROJECTION
TOPOGRAPHY COMPILED BY MID STATES ENGINEERING, INC.
FROM NOVEMBER 1982 PHOTOGRAPHY
MAP REFLECTS INFORMATION AVAILABLE
AS OF JANUARY 2003

GRID NORTH

SCALE 1:1000

25 0 25 50 75 100 METERS

50 0 100 200 300 FEET

DIRECTORATE OF PUBLIC WORKS
6TH AREA SUPPORT GROUP
APO 09107

DEPARTMENT OF THE ARMY
6TH AREA SUPPORT GROUP
DIRECTORATE OF PUBLIC WORKS
APO 09107

GE643 — PANZER KASERNE

BLACK & VEATCH
6601 College Blvd.
Overland Park, Kansas 66211 USA

MASTER PLAN
BASIC INFORMATION MAP
COMBINED SEWER COLLECTION SYSTEM MAP

RECOMMENDED BY THE MILITARY COMMUNITY PLANNING BOARD FOR APPROVAL

DATE: _____

REVIEWED BY MAJOR COMMAND & FORWARDED TO OCCONEREN, USAREUR

DATE: _____

UTM GRID ZONE: 32U
COORDINATES: 503,400E 5,392,100N
MAP REF.: L 7320
MAP SCALE: 1:50,000

DATE	DRAWING NO.
AUG 2003	
SHEET NO.	FILE NO.
2 OF 2	GE643_UTSEW2