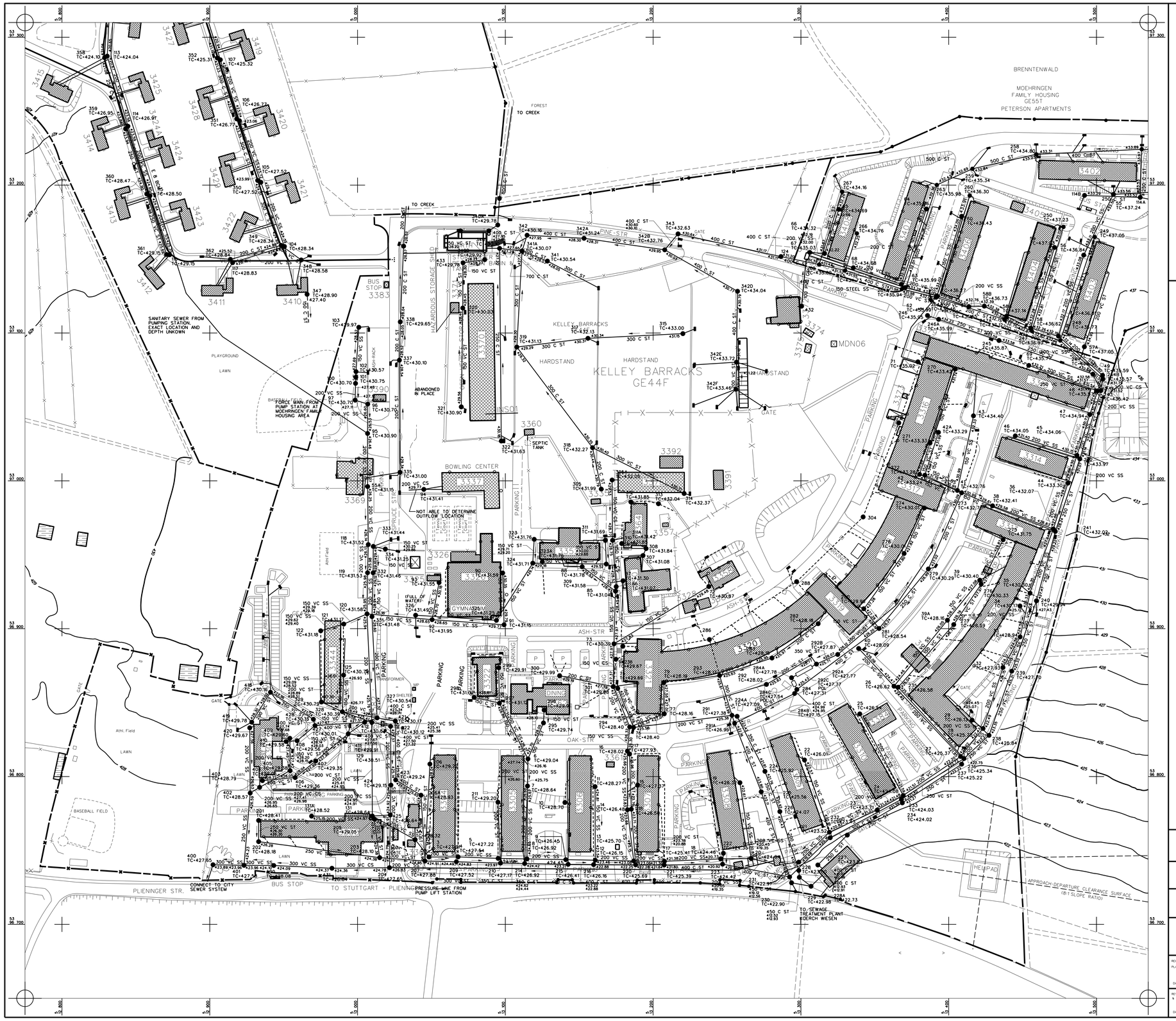

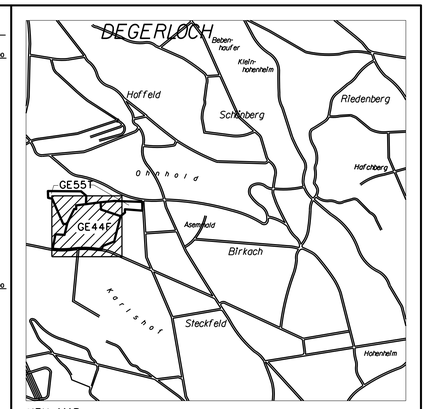

KEY MAP

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 — MARKING STONE
INDEX CONTOUR; SPOT ELEVATION — 450D; 452.56
MAN WITH MANHOLE — SIZE; MH; 800 RC ST
BUILDING SERVICE — INVERT ELEV; FLOW ARROW
PAVED DITCH — TOP; BOTTOM; CENTIMETERS; TR CS ST
FORCE MAIN WITH VALVE — 400 AC FORCE MAIN SS
EXACT PIPE LOCATION UNKNOWN; ABANDONED IN PLACE — MRND
CULVERT WITH OPEN DRAINAGE — 300 RC ST; 173.25; 172.85
FLOOD OUTLINE
INLET OR CATCH BASIN — NO BUCKET; TC=193.14
MANHOLE — STILLING WELL ONLY; SW; TC=181.34
RAIN WATER RETENTION BASIN — RB; CAPACITY; 5200 CU M
SEPARATOR; NEUTRALIZER; TREATMENT FACILITY — TYPE; TC=192.15; CAPACITY, LITERS PER SECOND; CAPACITY, CUBIC METERS PER DAY; P; 1050; TYPE
PUMPING STATION — CAPACITY, CUBIC METERS PER HOUR
SEEPAGE PIT; DOWNSPOUT; SAND OR SOIL TRAP — TC=182.15
PIPE OUTFALL; CAP OR PLUG
DRAINAGE DIVIDE
SEPTIC TANK; DRAIN FIELD — CAPACITY, LITERS; 1500
EASEMENT

PIPE MATERIAL

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

ABBREVIATIONS

ABND	ABANDONED IN PLACE	NB	NO DEBRIS BUCKET
AS	ACID SEWER	POL	OIL/GAS SEPARATOR
CS	COMBINED SEWER	SS	SANITARY SEWER
CU M	CUBIC METER	ST	STORM SEWER
GS	GREASE SEPARATOR	SW	STILLING WELL
IS	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

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

PREVAILING WIND

GRID BASED ON UNIVERSAL TRANSVERSE MERCATOR PROJECTION
TOPOGRAPHY COMPILED BY MID STATES ENGINEERING, INC.
FROM NOVEMBER 1984 PHOTOGRAPHY

MAP REFLECTS INFORMATION AVAILABLE
AS OF JANUARY 2003

SCALE 1:1000

25 0 25 50 75 100 METERS

50 0 100 200 300 FEET

GRID NORTH

6TH AREA SUPPORT GROUP
DIRECTORATE OF PUBLIC WORKS
APO 09107

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

GE44F

KELLEY BARRACKS

BLACK & VEATCH
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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 OCCSENGER, USAREUR

DATE: _____

UTM GRID ZONE: 32U
COORDINATES: NU 133970
MAP REF.: L 7120
MAP SCALE: 1:50 000

DATE	DRAWING NO.
AUG 2003	
SHEET NO.	FILE NO.
1 OF 1	GE44F_UTSEW1