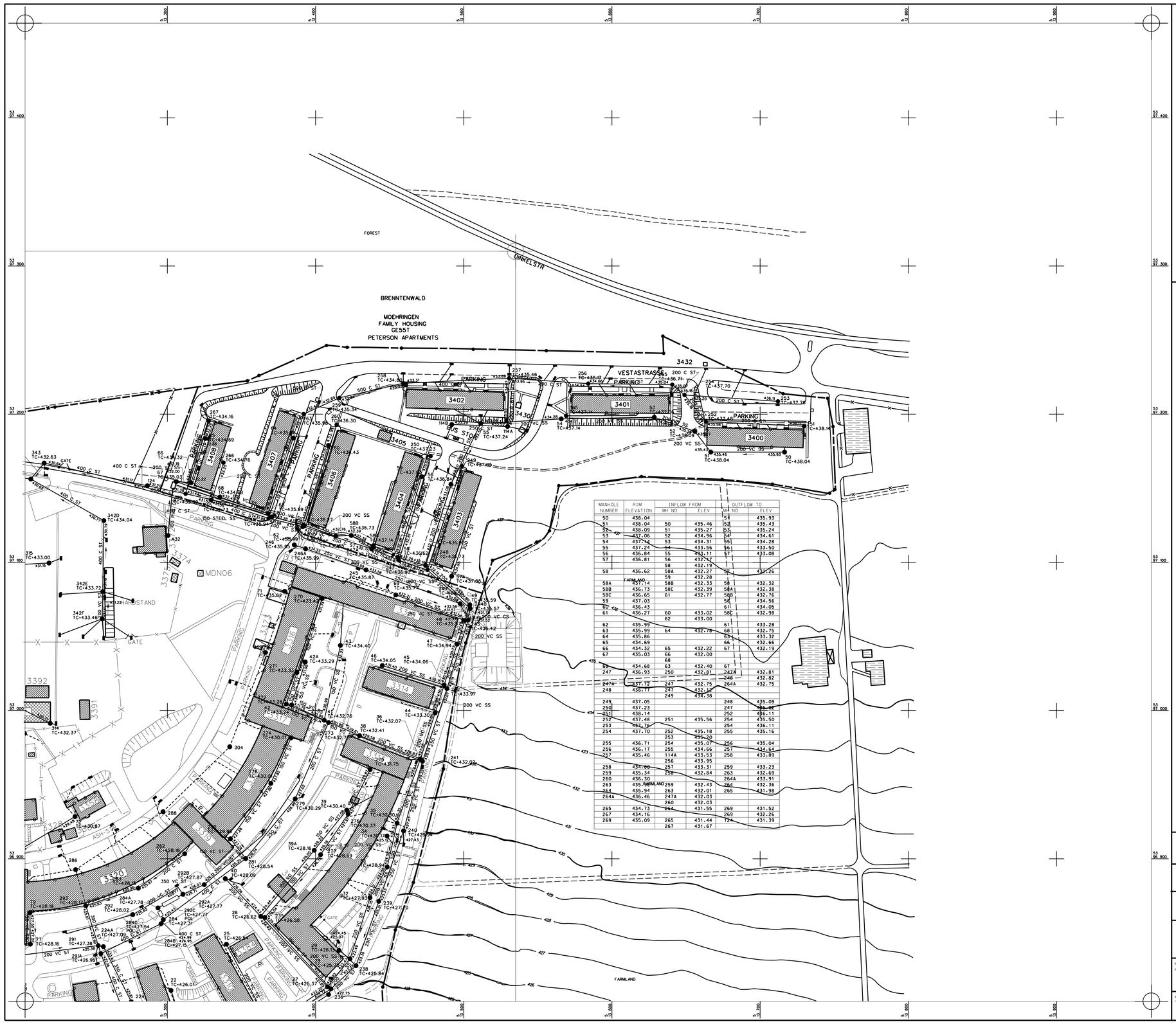
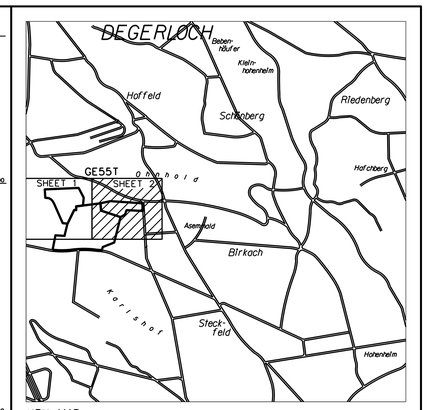


MANHOLE NUMBER	RIM ELEVATION	INFLOW FROM MH NO	INFLOW FROM ELEV	OUTFLOW TO MH NO	OUTFLOW TO ELEV
50	438.04			51	435.93
51	438.04	50	435.46	52	435.43
52	438.09	51	435.27	53	435.24
53	437.06	52	434.96	54	434.61
54	437.14	53	434.31	55	434.28
55	437.24	54	433.56	56	433.50
56	436.84	55	433.11	57	433.08
57	436.81	56	432.77		
		58	432.13		
58	436.62	58A	432.27	59	432.26
		59	432.28		
58A	437.14	58B	432.33	58	432.32
58B	436.73	58C	432.39	58A	432.38
58C	436.65	61	432.77	58B	432.76
59	437.03			58	434.56
60	436.43			61	434.05
61	436.27	60	433.02	58C	432.98
		62	433.00		
62	435.99			61	433.28
63	435.99	64	432.78	68	432.75
64	435.86			63	433.32
65	434.69			66	432.66
66	434.32	65	432.22	67	432.19
67	455.03	66	432.00		
		68			
68	434.68	63	432.40	67	
247	436.93	250	432.81	247A	432.81
				248	432.82
247A	437.12	247	432.75	264A	432.75
248	436.77	247	432.10		
		249	434.38		
249	437.05			248	435.09
250	437.23			247	436.93
251	438.14			252	436.11
252	437.48	251	435.56	254	435.50
253	437.25			254	436.11
254	437.70	252	435.18	255	435.16
		253	435.20		
255	436.71	254	435.07	256	435.04
256	436.17	255	434.66	257	434.64
257	435.46	114A	433.53	258	433.89
		256	433.95		
258	434.80	257	433.31	259	433.23
259	435.34	258	432.84	263	432.69
260	436.30			264A	433.91
263	435.98	259	432.43	264	432.36
264	435.94	263	432.01	265	431.98
264A	436.46	247A	432.03		
		260	432.03		
265	434.73	264	431.55	269	431.52
267	434.16			269	432.26
269	435.09	265	431.44	124	431.39
		267	431.67		



KEY MAP

SCALE 1:25,000

LEGEND

EXISTING

PERMANENT BUILDING — 4774

SEMI-PERMANENT BUILDING — 4330

TEMPORARY BUILDING — 4001

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 — 450 / 452.56

MAN WITH MANHOLE — SIZE; MH — 800 RC ST; INVERT ELEV — 171.53

BUILDING SERVICE — FLOW ARROW

PAVED DITCH — TOP; INVERT; CENTERLINE — 75 C 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; 172.83

FLOOD OUTLINE

INLET OR CATCH BASIN — NO BUCKET; TC=193.14

MANHOLE — STILLING WELL ONLY; TOP=54; TC=181.34

RAIN WATER RETENTION BASIN — RB; 1200 CU M; CAPACITY

SEPARATOR; NEUTRALIZER; TREATMENT FACILITY — TYPE; TC=142.35; P; USO; CAPACITY, LITERS PER SECOND; TYPE; CAPACITY, CUBIC METERS PER DAY

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=1400

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

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

PREVAILING WIND

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

GE55T MOEHRINGEN FAMILY HOUSING

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 OCCSENGER, USAREUR

DATE:

UTM GRID ZONE: 32U
COORDINATES: NU 13397D
MAP REF.: L 7120
MAP SCALE: 1:50,000

DATE	DRAWING NO.
AUG 2003	
SHEET NO.	FILE NO.
2 OF 2	GE55T_UTSEW2