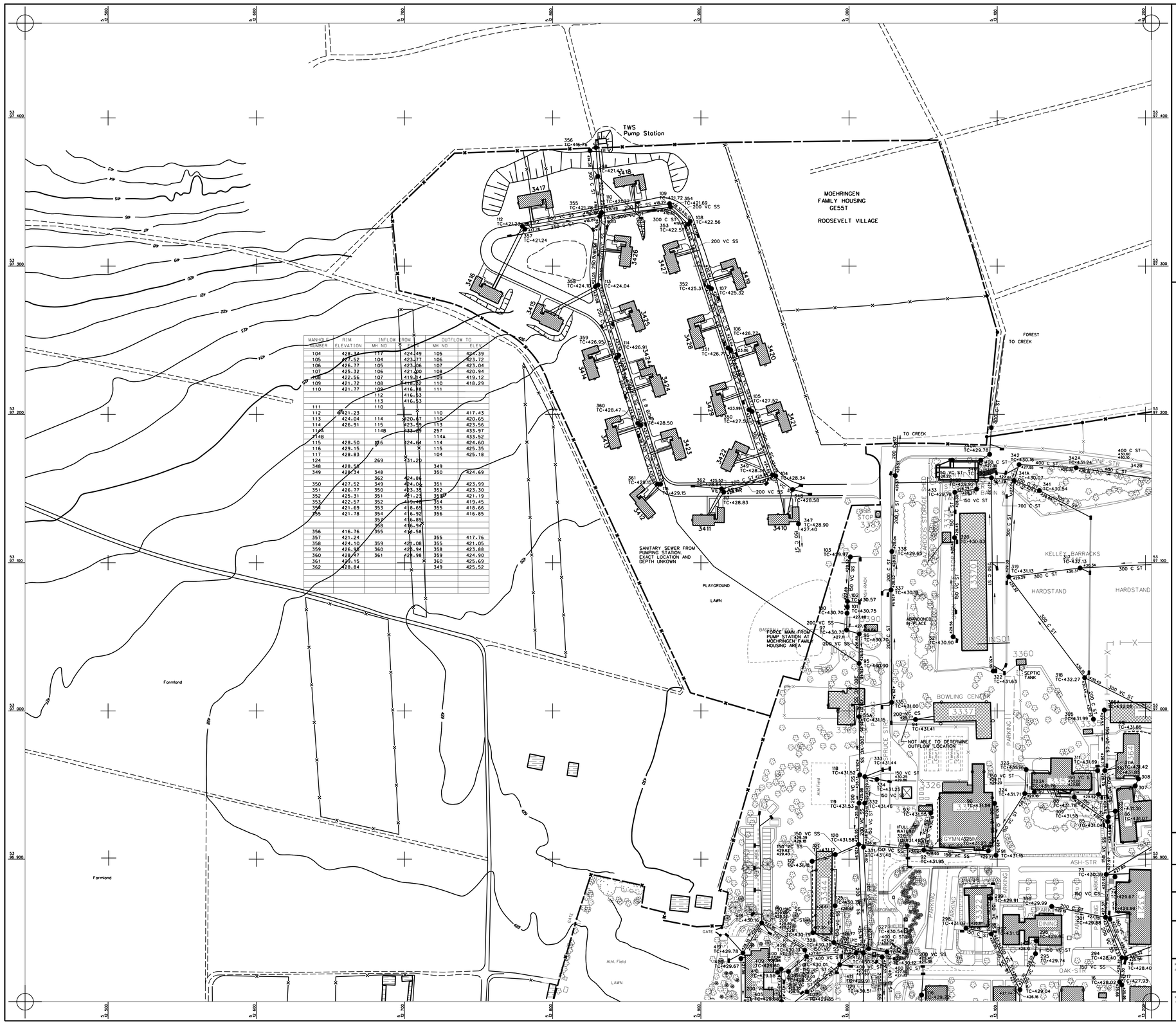
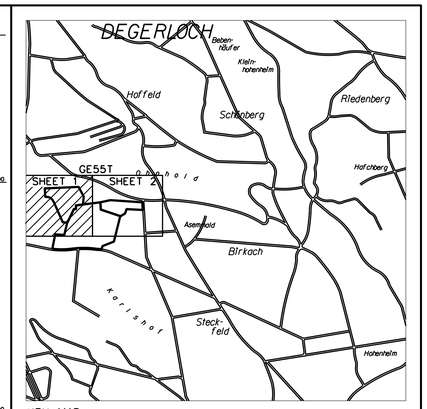


MANHOLE NUMBER	RIM ELEVATION	INFLOW FROM MH NO	INFLOW FROM ELEV	OUTFLOW TO MH NO	OUTFLOW TO ELEV
104	428.34	117	424.49	105	424.39
105	427.52	104	423.77	106	423.72
106	426.77	105	423.06	107	423.04
107	425.32	106	421.00	108	420.94
108	422.56	107	419.14	109	419.12
109	421.72	108	418.32	110	418.29
110	421.77	109	416.88	111	
		112	416.53		
		113	416.53		
111		110			
112	421.23			110	417.43
113	424.04	114	420.67	110	420.65
114	426.91	115	423.59	113	423.56
114A		114B	433.99	257	433.97
114B				114A	433.52
115	428.50	116	424.64	114	424.60
116	429.15			115	425.35
117	428.83			104	425.18
124		269	431.20		
348	428.58			349	
349	428.34	348		350	424.69
		362	424.84		
350	427.52	349	424.04	351	423.99
351	426.77	350	423.35	352	423.30
352	425.31	351	421.23	353	421.19
353	422.57	352	419.49	354	419.45
354	421.69	353	418.69	355	418.66
355	421.78	354	416.92	356	416.85
		357	416.89		
		358	416.34		
356	416.76	355	416.58		
357	421.24			355	417.76
358	424.10	359	421.08	355	421.05
359	426.98	360	423.94	358	423.88
360	428.47	361	424.98	359	424.90
361	429.15			360	425.69
362	428.84			349	425.52



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	CS	GALVANIZED STEEL	ABND	ABANDONED IN PLACE
ARCH	STONE ARCH	IC	INSULATED CONCRETE	AS	ACID SEWER
ASC	ASBESTOS CONCRETE	MC	METAL CONDUIT	CS	COMBINED SEWER
BCCM	BIT. COATED CORRUG. METAL	MRB	MORTAR/ROCK BOX	CU M	CUBIC METER
BR	BRICK	PVC	POLYVINYL CHLORIDE	GS	GREASE SEPARATOR
C	CONCRETE	RC	REINFORCED CONCRETE	IS	INDUSTRIAL SEWER
CA	CORRUGATED ALUMINUM	S	STEEL	MM	MILLIMETERS
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

NB	NO BUCKET
NB	NO DEBRIS BUCKET
POL	OIL/GAS SEPARATOR
SS	SANITARY SEWER
ST	STORM SEWER
SW	STILLING WELL
TC	TOP OF CASTING
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

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 ODCSENGER, USAREUR

DATE: _____

UTM GRID ZONE: 32U
COORDINATES: NJ 13,970
MAP REF.: L 7320, L 7120
MAP SCALE: 1:50,000

DATE	DRAWING NO.
AUG 2003	
SHEET NO.	FILE NO.
1 OF 2	GE55T_UTSEWI