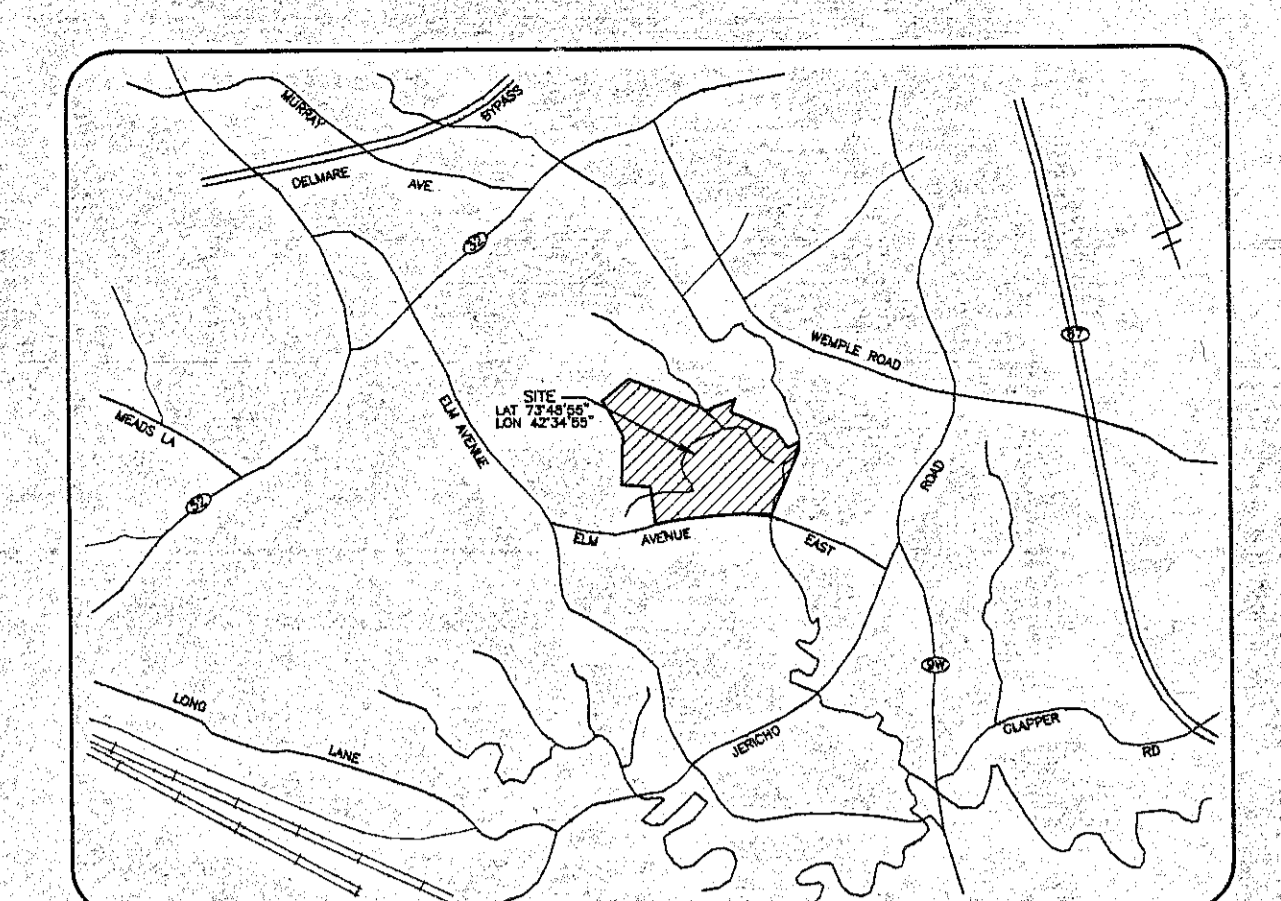
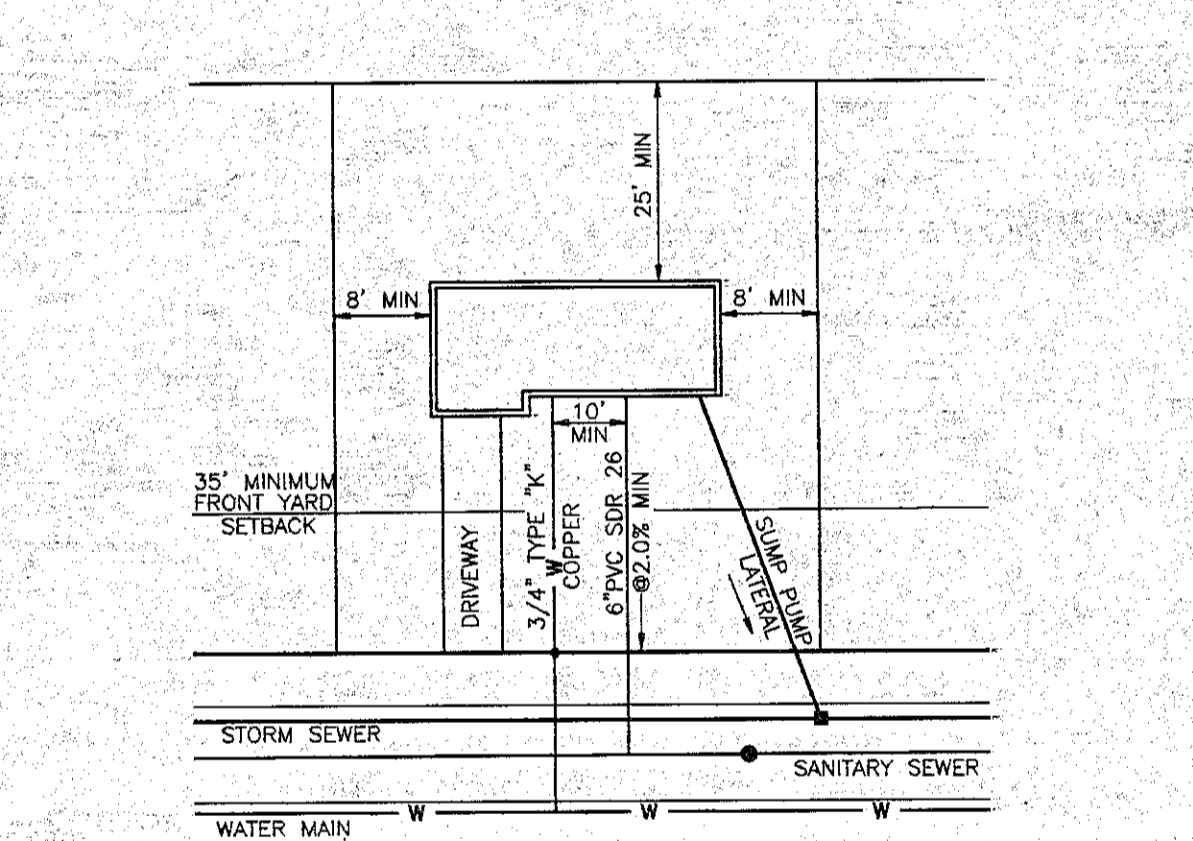


TABEL OF CURVE & LINE DESCRIPTIONS

CURVE	DELTA	BEARING	CHORD	LENGTH	RADIUS
C1	241.170°	N02.3355°W	113.25	118.01	118.01
C2	133.973°	N08.5535°W	57.89	61.10	61.10
C3	090.237°	N17.248°E	39.60	39.61	450.00
C4	152.125°	N12.722°E	20.19	20.27	202.00
C5	192.124°	S17.277°W	193.74	194.30	725.00
C6	090.237°	S17.277°W	17.81	17.82	500.00
C7	1120.44°	S02.080°E	98.85	99.01	500.00
C8	090.237°	S17.277°W	89.20	89.48	975.00
C9	092.254°	S18.412°E	115.20	115.29	1025.00
C10	46.181°	N07.4540°W	117.80	121.23	150.00
C11	062.544°	N78.4127°W	108.20	109.60	875.00
C12	051.193°	N78.4127°W	87.89	89.03	1025.00
C13	062.544°	N78.4127°W	108.20	109.60	875.00
C14	86.1038°	S17.277°W	34.16	37.60	25.00
C15	092.254°	S18.412°E	115.20	115.29	1025.00
C16	86.1038°	S17.277°W	34.16	37.60	25.00
C17	092.254°	S18.412°E	115.20	115.29	1025.00
C18	2920.43°	N42.5035°W	137.76	139.23	275.00
C19	81.1014°	S85.9111°E	52.51	54.87	25.00
C20	84.2718°	S11.4803°W	33.60	36.89	25.00
C21	032.021°	N89.1813°E	54.37	57.97	275.00
C22	34.1013°	S78.0807°E	337.56	342.59	575.00
C23	2920.43°	S46.3038°E	112.72	113.59	275.00
C24	051.193°	S78.4127°W	108.20	109.60	875.00
C25	39.4208°	S49.0421°E	256.68	259.85	375.00
C26	170.240°	S68.111°E	140.49	140.94	475.00
C27	2020.97°	S37.530°E	339.14	341.17	975.00
C28	012.283°	S58.0819°E	176.56	180.87	275.00
C29	24.2028°	N19.4148°W	63.29	63.72	150.00
C30	44.8253°	S58.0819°E	176.56	180.87	275.00
C31	17.3024°	N58.2511°W	185.28	185.83	925.00
C32	80.0302°	N33.0538°E	301.40	315.78	300.00
C33	097.1935°	N33.0538°E	301.40	315.78	300.00
C34	89.2408°	S72.0242°W	33.33	37.28	25.00
C35	174.242°	N13.9111°E	185.49	184.74	525.00
C36	097.1935°	N33.0538°E	301.40	315.78	300.00
C37	097.1935°	N33.0538°E	301.40	315.78	300.00
C38	097.1935°	N33.0538°E	301.40	315.78	300.00
C39	097.1935°	N33.0538°E	301.40	315.78	300.00
C40	097.1935°	N33.0538°E	301.40	315.78	300.00
C41	99.0000°	N64.3848°W	35.38	39.27	25.00
C42	99.0000°	N64.3848°W	35.38	39.27	25.00
C43	99.0000°	N64.3848°W	35.38	39.27	25.00
C44	99.0000°	N64.3848°W	35.38	39.27	25.00
C45	99.0000°	N64.3848°W	35.38	39.27	25.00
C46	99.0000°	N64.3848°W	35.38	39.27	25.00
C47	99.0000°	N64.3848°W	35.38	39.27	25.00
C48	99.0000°	N64.3848°W	35.38	39.27	25.00
C49	99.0000°	N64.3848°W	35.38	39.27	25.00
C50	99.0000°	N64.3848°W	35.38	39.27	25.00
C51	37.4154°	S17.277°W	274.84	279.69	225.00
C52	59.2743°	S17.277°W	224.87	235.47	225.00
C53	37.4154°	S17.277°W	274.84	279.69	225.00
C54	37.4154°	S17.277°W	274.84	279.69	225.00
C55	37.4154°	S17.277°W	274.84	279.69	225.00
C56	37.4154°	S17.277°W	274.84	279.69	225.00
C57	37.4154°	S17.277°W	274.84	279.69	225.00
C58	37.4154°	S17.277°W	274.84	279.69	225.00
C59	37.4154°	S17.277°W	274.84	279.69	225.00
C60	37.4154°	S17.277°W	274.84	279.69	225.00
C61	37.4154°	S17.277°W	274.84	279.69	225.00
C62	37.4154°	S17.277°W	274.84	279.69	225.00
C63	37.4154°	S17.277°W	274.84	279.69	225.00
C64	37.4154°	S17.277°W	274.84	279.69	225.00
C65	37.4154°	S17.277°W	274.84	279.69	225.00
C66	37.4154°	S17.277°W	274.84	279.69	225.00
C67	37.4154°	S17.277°W	274.84	279.69	225.00
C68	37.4154°	S17.277°W	274.84	279.69	225.00
C69	37.4154°	S17.277°W	274.84	279.69	225.00
C70	37.4154°	S17.277°W	274.84	279.69	225.00
C71	37.4154°	S17.277°W	274.84	279.69	225.00
C72	37.4154°	S17.277°W	274.84	279.69	225.00
C73	37.4154°	S17.277°W	274.84	279.69	225.00
C74	37.4154°	S17.277°W	274.84	279.69	225.00
C75	37.4154°	S17.277°W	274.84	279.69	225.00
C76	37.4154°	S17.277°W	274.84	279.69	225.00
C77	37.4154°	S17.277°W	274.84	279.69	225.00
C78	37.4154°	S17.277°W	274.84	279.69	225.00
C79	37.4154°	S17.277°W	274.84	279.69	225.00
C80	37.4154°	S17.277°W	274.84	279.69	225.00
C81	37.4154°	S17.277°W	274.84	279.69	225.00
C82	37.4154°	S17.277°W	274.84	279.69	225.00
C83	37.4154°	S17.277°W	274.84	279.69	225.00
C84	37.4154°	S17.277°W	274.84	279.69	225.00
C85	37.4154°	S17.277°W	274.84	279.69	225.00
C86	37.4154°	S17.277°W	274.84	279.69	225.00
C87	37.4154°	S17.277°W	274.84	279.69	225.00
C88	37.4154°	S17.277°W	274.84	279.69	225.00
C89	37.4154°	S17.277°W	274.84	279.69	225.00
C90	37.4154°	S17.277°W	274.84	279.69	225.00
C91	37.4154°	S17.277°W	274.84	279.69	225.00
C92	37.4154°	S17.277°W	274.84	279.69	225.00
C93	37.4154°	S17.277°W	274.84	279.69	225.00
C94	37.4154°	S17.277°W	274.84	279.69	225.00
C95	37.4154°	S17.277°W	274.84	279.69	225.00
C96	37.4154°	S17.277°W	274.84	279.69	225.00
C97	37.4154°	S17.277°W	274.84	279.69	225.00
C98	37.4154°	S17.277°W	274.84	279.69	225.00
C99	37.4154°	S17.277°W	274.84	279.69	225.00
C100	37.4154°	S17.277°W	274.84	279.69	225.00

LEGEND:

- SMH: EXISTING SANITARY MH & SANITARY SEWER
- W: PROPOSED WATERMAIN, PIPE SIZE, GATE VALVE & HYD
- CS 118: PROPOSED SATCH BASIN, STORM SEWER & PIPE SIZE
- SMH: PROPOSED SANITARY MH, SANITARY SEWER & PIPE SIZE
- C2: REFERENCED CURVE DATA. SEE TABLE OF CURVE & LINE DESCRIPTIONS
- L3: REFERENCED LINE DATA. SEE TABLE OF CURVE & LINE DESCRIPTIONS
- 77: LOT STREET NUMBER



- STANDARD NOTES:**
- ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH TOWN STANDARD DETAILS AND SPECIFICATIONS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THESE MATERIALS FOR USE ON THE JOB.
 - ALL ELEVATIONS SHOWN ARE USGS ELEVATION BASE.
 - PRIOR TO ANY WORK IN THE ELM AVENUE EAST RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN A HIGHWAY WORK PERMIT FROM THE TOWN HIGHWAY DEPARTMENT.
 - PRIOR TO ANY WORK ON SANITARY SEWER AND WATER, THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FROM THE TOWN DEPARTMENT OF PUBLIC WORKS.
 - FOR INFORMATION REGARDING SOILS AND SLOPE STABILITY SEE "SOILS NOTES ON SHEETS 5 AND 6."
 - ALL CONTROLLED FILL SHALL BE CERTIFIED BY A LICENSED SOILS ENGINEER, THAT PLACEMENT OF THE MATERIAL WAS DONE IN A MANNER SUITABLE FOR THE CONSTRUCTION OF THE ROAD AND THE INSTALLATION OF WATER MAIN, STORM SEWERS, AND SANITARY SEWERS TO THIS END, NO FILL SHALL BE PLACED IN AREAS DESIGNATED AS CONTROLLED FILL AREAS UNTIL THE CERTIFYING SOILS ENGINEER HAS BEEN CONSULTED.

- ROADWAY EMBANKMENT FILL REQUIREMENTS:**
- EMBANKMENT SOILS SHALL CONSIST OF INORGANIC SOILS CONSISTED OF FINE SAND, SILT, CLAY OR ANY MIXTURE THEREOF.
 - SOILS SHALL BE COMPACTED TO A DRY DENSITY EQUAL TO AT LEAST 95 PERCENT OF THE SOIL'S MAXIMUM DRY DENSITY, AS IT IS DEFINED BY THE STANDARD PROCTOR COMPACTION TEST, ASTM DESIGNATION D-698.
 - A SOILS SHALL BE COMPACTED AT A MOISTURE CONTENT THAT IS WITHIN 3 PERCENT OF THE SOIL'S OPTIMUM MOISTURE CONTENT FOR COMPACTION, AS IT IS DEFINED BY ASTM DESIGNATION D-698. SOILS WITH MOISTURE CONTENTS OUTSIDE THESE LIMITS SHALL BE MOISTURE CONDITIONED (THROUGH WETTING OR DRYING) AND BE COMPACTED ONCE THEIR MOISTURE CONTENT FALLS WITHIN THE SPECIFIED LIMITS.
 - A SHEEPFOOT OR PAD FOOT ROLLER SHALL BE USED TO COMPACT ALL SILT AND/OR CLAY EMBANKMENT SOILS.
 - SETTLEMENT PLATES AS DETAILED IN 6/33 SHALL BE PLACED AS INDICATED, ON HARVEST RIDGE RD BETWEEN STATIONS 5+15 TO 6+65 AND STA 7+55 TO 8+75 AND ON SILVER CREEK DR STA 1+95 TO 3+65.

- SETTLEMENT PLATES SHALL BE PLACED ON EXISTING SOILS, LEVELED AND FREE OF TOPSOIL. PLACE FILL MATERIAL ON SETTLEMENT PLATE TO STABILIZE THE SOIL.
- WITH A STABLE SETTLEMENT PLATE OBTAIN AN ELEVATION ON THE TOP OF THE PIPE SECTION. PLACE FILL MATERIAL IN ACCORDANCE WITH THIS NOTE. ADD ADDITIONAL PIPE SECTIONS AS NECESSARY TO BE ABOVE SUB GRADE LEVEL, OBTAINING ELEVATION DATA AS REQUIRED.
- MONITOR THE ELEVATION OF THE TOP OF THE SETTLEMENT PLATE UNTIL SETTLEMENT HAS STABILIZED.
- REMOVE SETTLEMENT PLATE PIPE WHEN SETTLEMENT IS COMPLETE.
- FOR ALL LOTS THAT HAVE AREAS DESIGNATED AS FEDERALLY REGULATED WETLANDS AS SHOWN ON THE FEDERAL WETLANDS MAP, SHEETS 10 & 11, THE TOWN HAS NO CONTROL OVER AND ACCEPTS NO RESPONSIBILITY FOR FUTURE DRAINAGE PROBLEMS THAT COULD OCCUR IN THESE AREAS. THIS PERTAINS WHETHER SUCH PROBLEMS ARE A RESULT OF LEAVING THE AREAS AS THEY PRESENTLY EXIST, OR A RESULT OF FUTURE LOT OWNERS FILLING IN AND AROUND THE AREAS WITHOUT REGARD FOR LOCAL DRAINAGE PATTERNS.
 - FOR ALL LOTS HAVING FEDERALLY REGULATED WETLANDS, SUCH WETLANDS WILL BE SHOWN ON THE PLOT PLANS SUBMITTED TO THE TOWN BUILDING DEPARTMENT FOR BUILDING PERMIT. THIS WETLAND INFORMATION CAN BE TAKEN DIRECTLY FROM THE FEDERAL WETLANDS MAP, SHEET 10 AND 11. SAID PLOT PLANS SHALL NOTE THAT FURTHER FILL OF WETLANDS MAY REQUIRE AUTHORIZATION FROM FEDERAL REGULATORY AUTHORITIES.
 - PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL CALL THE UFPD TWO WORKING DAYS PRIOR TO THE WORK TO HAVE UNDERGROUND UTILITIES LOCATED IN THE FIELD. CALL 1-800-962-7962.

- SUBDIVISION NOTES:**
- TOTAL ARE OF SUBDIVISION PARCEL = 180.89± ACRES.
 - PARCEL IS IDENTIFIED AS TAX PARCEL 109.00-1-231.
 - SUBDIVISION IS ZONED PRD.
 - TOTAL NUMBER OF LOTS = 221.
 - UNLESS OTHERWISE NOTED, ALL EASEMENTS SHOWN ARE TO BE GRANTED THE TOWN OF BETHLEHEM.
 - NO FOUNDATION, FLOOR, BASEMENT, OR ROOF DRAINS ARE TO BE CONNECTED TO THE SANITARY SEWER SYSTEM.
 - ALL CORNER LOTS SHOWN HEREON SHALL HAVE A MINIMUM FRONT YARD OF 35' FROM THE RIGHT-OF-WAY AND A MINIMUM SIDE YARD OF 30' FROM THE RIGHT-OF-WAY OF THE SIDE STREET. THE HOUSE CAN FACE EITHER STREET. THE FRONT YARD BEING ON THE STREET THE HOUSE FACES AND THE SIDE YARD BEING ON THE STREET AT THE SIDE OF THE HOUSE.
 - ALL PROPOSED HIGHWAY RIGHT-OF-WAYS ARE TO BE CONVEYED TO THE TOWN OF BETHLEHEM UNLESS OTHERWISE NOTED. PROPOSED RIGHT-OF-WAYS ARE 50 FEET IN WIDTH.
 - EXCEPT AS SHOWN ON THESE PLANS, NO CLEARING AND/OR GRADING SHALL OCCUR WITHIN THE 75' AREA OF AVOIDANCE AROUND THE EXISTING CEMETERY PLOT ON LOT 20 CRESCENT CREEK WAY.
 - NO PORTION OF THIS SUBDIVISION IS WITHIN AN EXISTING WATER DISTRICT OR SEWER DISTRICT.
 - THERE SHALL BE NO DRIVEWAY ACCESS FROM ANY LOT IN THIS SUBDIVISION ONTO ELM AVENUE EAST OR EAST-WEST COLLECTOR ROAD.
 - THE TOTAL LINEAL FEET OF NEW HIGHWAY IS 17,731.33'
 - THE TOTAL LINEAL FEET OF 5' WIDE SIDEWALK IS 4,834'.
 - 5' WIDE SIDEWALK IS TO BE CONSTRUCTED ALONG SECTIONS OF CHESTERWOOD DRIVE, ASHBOURNE LANE, HARVEST RIDGE ROAD, WYWOOD DRIVE AND SILVER CREEK DRIVE. SEE PLANTING PLAN, SHEET 9 FOR LOCATIONS.
 - SEE WETLANDS MAP, SHEETS 10 & 11, FOR LOCATION OF DEED RESTRICTED OPEN SPACE.
 - "ALL PURPOSE EASEMENT" IS GRANTED FOR THE FOLLOWING PURPOSES: DRAINAGE, SIDEWALK/BIKE PATH, GRADING, AND SANITARY SEWER.
 - ALL SANITARY SEWERS ARE 8" DIAMETER PIPE.

APPLICANT/OWNER/DEVELOPER
SLINGERLANDS GROUP, LTD.
835 KENWOOD AVENUE
SLINGERLANDS, NY 12159

TOWN OF BETHLEHEM
PLANNING BOARD

ALBANY COUNTY HEALTH DEPT.

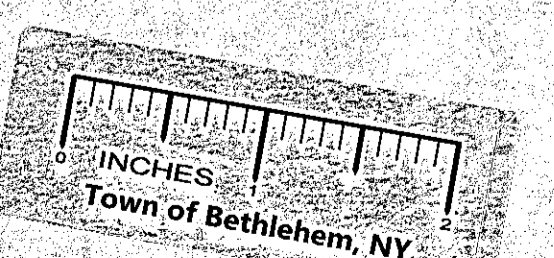
ALBANY COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL & HEALTH SERVICES

By direction of the Commissioner of Health, these plans are hereby approved. See first sheet for date and signature.

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK

This plan APPROVED subject to such conditions as are attached in Building Project Approval (BPA) No. 32, dated OCT 22 1999

By: *Richard A. Woodcock*
Title: CHAIRMAN
Date: OCT 22 1999



WILLIAM J. NETTLETON
P.L.S. 49513

GARY E. HOFFMAN
P.E. 84079

DATE	REVISIONS RECORD/ DESCRIPTION	DRAWER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.
7/9/98	REVISIONS PER 1/0 BETHLEHEM 6/4/98 LETTER	JAM	GDH		
6/17/98	REVISIONS PER 1/0 BETHLEHEM 7/16/98 LETTER	JAM	GDH		
12/18/98	REVISIONS PER 1/0 BETHLEHEM 11/24/98 LETTER	JAM	GDH		
3/31/99	REVISIONS PER 1/0 BETHLEHEM 3/18/99 LETTER	JAM	GDH		
5/18/99	REVISIONS PER 1/0 BETHLEHEM 5/13/99 LETTER	JAM	GDH		
5/27/99	REVISIONS PER 1/0 BETHLEHEM 5/26/99 LETTER	JAM	GDH		
10/6/99	ADDED WATER MAIN PIPE SIZES	JAM	GDH		
10/18/99	REVISED PER 1/0 BETHLEHEM 10/15/99 REMARKS	JAM	GDH		

SUBDIVISION PLAN

DOWERSKILL VILLAGE
PLANNED RESIDENCE DISTRICT NO. 4, SECTION 3

TOWN OF BETHLEHEM
ALBANY COUNTY, NY

SCALE: 1" = 100'
SHEET 3 OF 36
DATE: APRIL 2, 1998
DWG. NO.: 90-439R

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299

ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES