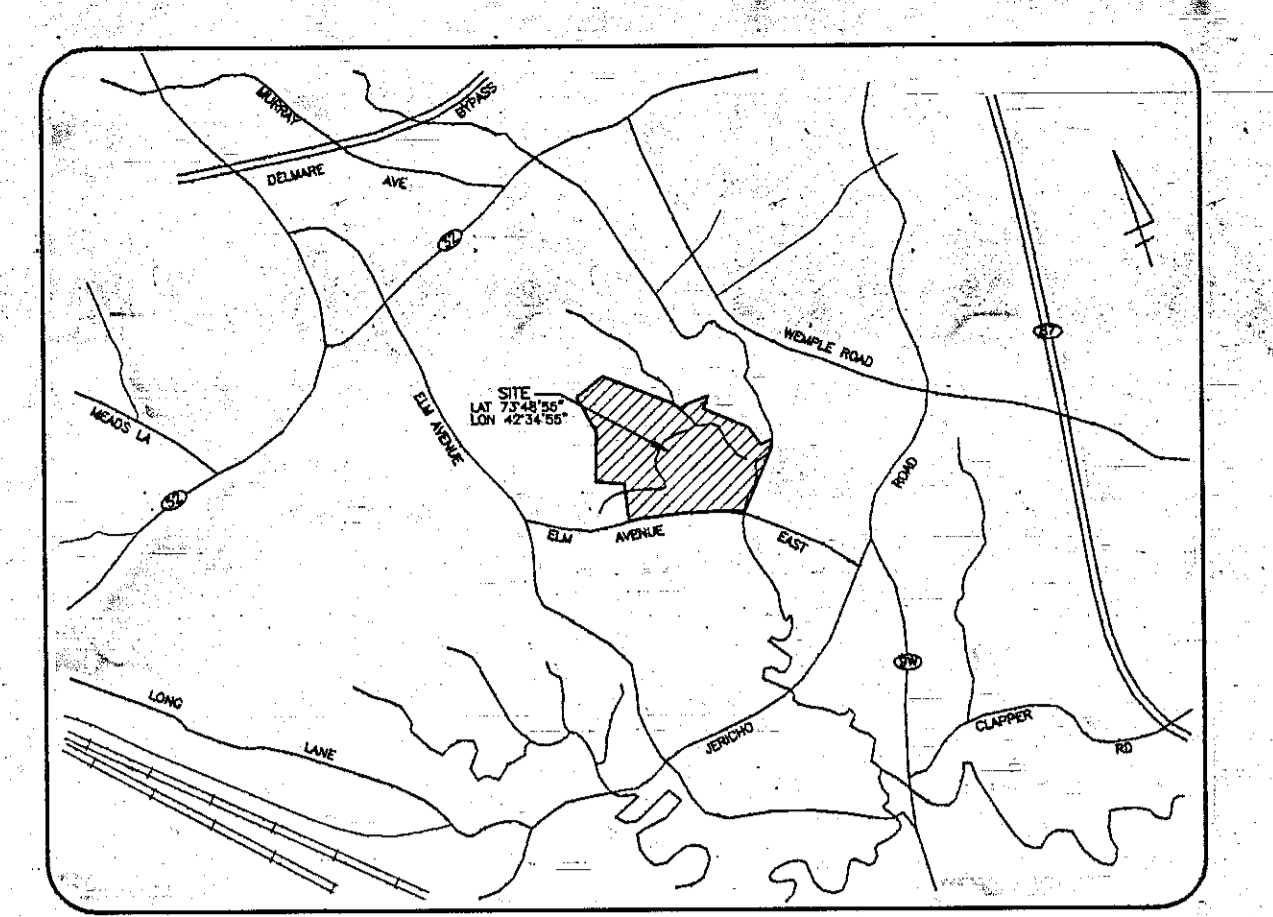


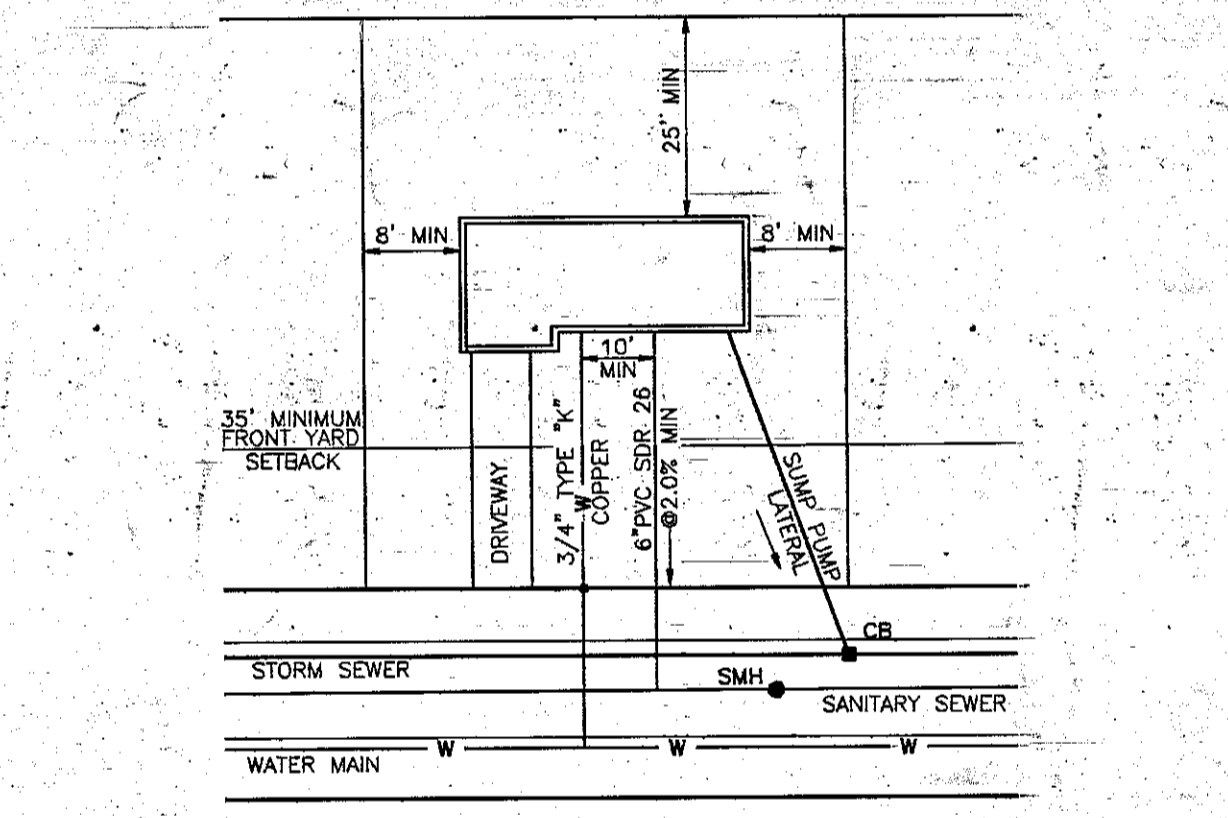
TABEL OF CURVE & LINE DESCRIPTIONS

CURVE	DELTA	BEARING	CHORD	LENGTH	RADIUS
C1	24°11'00"	N02°33'53"W	115.22	116.07	275.00
C2	03°39'33"	N08°25'55"W	31.99	31.10	450.00
C3	03°02'00"	N17°44'48"W	30.40	30.41	450.00
C4	18°21'28"	N19°37'23"W	207.10	207.73	725.00
C5	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C6	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C7	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C8	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C9	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C10	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C11	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C12	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C13	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C14	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C15	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C16	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C17	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C18	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C19	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C20	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C21	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C22	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C23	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C24	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C25	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C26	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C27	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C28	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C29	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C30	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C31	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C32	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C33	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C34	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C35	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C36	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C37	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C38	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C39	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C40	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C41	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C42	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C43	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C44	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C45	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C46	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C47	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C48	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C49	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C50	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C51	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C52	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C53	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C54	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C55	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C56	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C57	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C58	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C59	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C60	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C61	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C62	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C63	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C64	02°02'20"	S17°16'11"W	17.81	17.80	500.00
C65	02°02'20"	S17°16'11"W	17.81	17.80	500.00



- 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 ON 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 ROAD AND THE INSTALLATION OF WATER MAIN, STORM SEWERS, AND SANITARY SEWERS. TO THIS END, NO FILL SHALL BE PLACED IN AREAS IDENTIFIED ON THESE PLANS AS CONTROLLED FILL AREAS UNTIL THE CERTIFYING SOILS ENGINEER HAS BEEN CONSULTED.

- LEGEND:**
- EXISTING SANITARY MH & SANITARY SEWER
 - PROPOSED WATER MAIN, PIPE SIZE, GATE VALVE & HYD
 - PROPOSED CATCH BASIN, STORM SEWER & PIPE SIZE
 - PROPOSED SANITARY MH, SANITARY SEWER & PIPE SIZE
 - REFERENCED CURVE DATA. SEE TABLE OF CURVE & LINE DESCRIPTIONS.
 - REFERENCED LINE DATA. SEE TABLE OF CURVE & LINE DESCRIPTIONS.
 - LOT STREET NUMBER



TYPICAL LOT LAYOUT
SCALE: NONE
CROSS REFERENCE: NONE

- ROADWAY EMBANKMENT FILL REQUIREMENTS:**
- EMBANKMENT SOILS SHALL CONSIST OF INORGANIC SOILS COMPOSED OF FINE SAND, SILT, CLAY OR ANY MIXTURE THEREOF.
 - THE 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.
 - THE 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 SHEEPPOOT 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 ROAD BETWEEN STATIONS 5+15 TO 6+65 AND STA 7+85 TO 8+75 AND ON SILVER CREEK DR STA 1+95 TO 3+95. SETTLEMENT PLATES SHALL BE PLACED ON EXISTING SOILS, LEVELED AND FREE OF TOPSOIL. PLACE FILL MATERIAL ON SETTLEMENT PLATE TO STABILIZE THE PIPE.
- 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 PIPE 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 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 A BUILDING PERMIT. THIS WETLAND INFORMATION CAN BE TAKEN DIRECTLY FROM THE FEDERAL WETLANDS MAP SHEETS 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 TWO WORKING DAYS PRIOR TO THE WORK TO HAVE UNDERGROUND UTILITIES LOCATED IN THE FIELD. CALL 1-800-962-7962.

- SUBDIVISION NOTES:**
- TOTAL AREA 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 GRESSENT 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 17,791.37'.
 - THE TOTAL LINEAL FEET OF 5' WIDE SIDEWALK IS 4,834'.
 - 5' WIDE SIDEWALK IS TO BE CONSTRUCTED ALONG SECTIONS OF CHESTERWOOD DRIVE, HARVEST RIDGE LANE, HARVEST RIDGE ROAD, WOODWOOD DRIVE AND SILVER CREEK DRIVE. SEE PLANNING 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 PURPOSE: DRAINAGE, SIDEWALK, GROUND 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 DEPARTMENT OF HEALTH

This is to certify that the proposed arrangements for water supply and sewerage for Dowerskill Village, Bethlehem, NY are fully developed in the Town of Bethlehem and in accordance with Article X of the Albany County Charter and in accordance with the Code of the Albany County Clerk. James P. D'Amico is hereby given the filing of this map in the Office of the Albany County Clerk. James P. D'Amico Commissioner of Health

Date: 10/20/99
By: Stephanie J. Kelly, Environmental Health Services

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK

This plan APPROVED subject to such conditions as are stated in Building Project Approval (B/P/A) No. 32, dated OCT 22 1999

James P. D'Amico
TITLE CHAIRMAN
Date: OCT 22 1999

DATE	REVISIONS RECORD/ DESCRIPTION	DRAFTER	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 7/0 BETHLEHEM 6/4/98 LETTER	JAM	GEH	JAM	C.T. MALE ASSOCIATES P.C. 50 CENTURY HILL DRIVE, P.O. BOX 277, BETHLEHEM, NY 12110 518.786.7400 • FAX 518.786.7299 ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES
8/17/98	REVISIONS PER 7/0 BETHLEHEM 7/18/98 LETTER	JAM	GEH	JAM	
12/24/98	REVISIONS PER 7/0 BETHLEHEM 11/24/98 LETTER	JAM	GEH	JAM	
3/31/99	REVISIONS PER 7/0 BETHLEHEM 3/18/99 LETTER	JAM	GEH	JAM	
5/18/99	REVISIONS PER 7/0 BETHLEHEM 5/18/99 LETTER	JAM	GEH	JAM	
5/27/99	REVISIONS PER 7/0 BETHLEHEM 5/26/99 LETTER	JAM	GEH	JAM	
10/6/99	ADD WATER MAIN PIPE SIZES	JAM	GEH	JAM	
10/18/99	REVISED PER 7/0 BETHLEHEM 10/15/99 REMARKS	JAM	GEH	JAM	