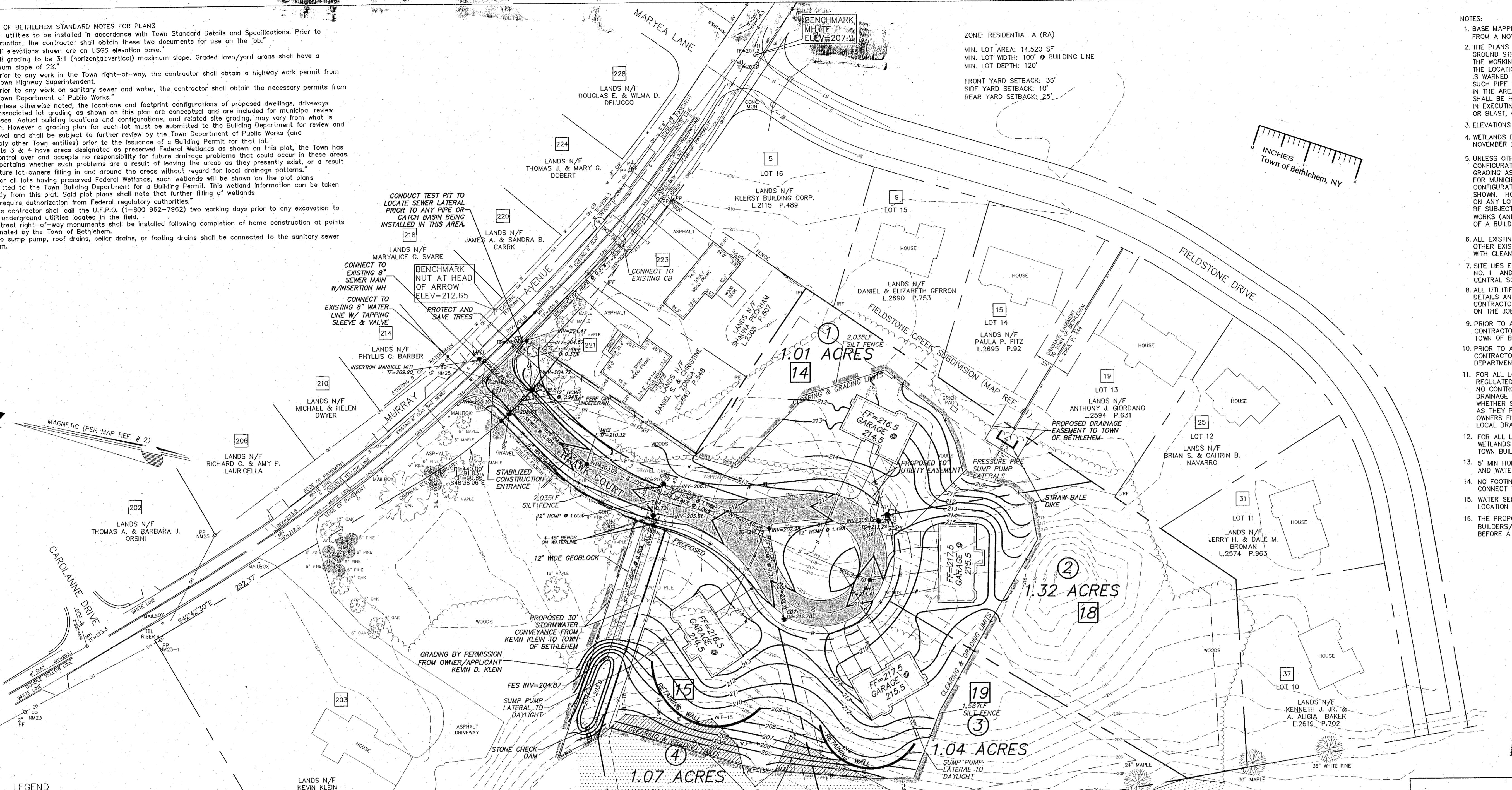


TOWN OF BETHLEHEM STANDARD NOTES FOR PLANS
 1. All utilities to be installed in accordance with Town Standard Details and Specifications. Prior to construction, the contractor shall obtain these two documents for use on the job.
 2. All elevations shown are on USGS elevation base.
 3. All grading to be 3:1 (horizontal:vertical) maximum slope. Graded lawn/yard areas shall have a minimum slope of 2%.
 4. Prior to any work in the Town right-of-way, the contractor shall obtain a highway work permit from the Town Highway Superintendent.
 5. Prior to any work on sanitary sewer and water, the contractor shall obtain the necessary permits from the Town Department of Public Works.
 6. Unless otherwise noted, the locations and footprint configurations of proposed dwellings, driveways and associated lot grading as shown on the plots are conceptual and are included for municipal review purposes. Actual building locations and configurations, and related site grading, may vary from what is shown. However, a grading plan for each lot must be submitted to the Building Department for review and approval and shall be subject to further review by the Town Department of Public Works (and possibly other Town entities) prior to the issuance of a Building Permit for that lot.
 7. Lots 3 & 4 have areas designated as preserved Federal Wetlands as shown on this plot, 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.
 8. For all lots having preserved Federal 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 this plot. Said plot plans shall note that further filling of wetlands may require authorization from Federal regulatory authorities.
 9. The contractor shall call the U.P.O. (1-800 962-7962) two working days prior to any excavation to have underground utilities located in the field.
 10. Street right-of-way monuments shall be installed following completion of home construction at points designated by the Town of Bethlehem.
 11. No sump pump, roof drains, cellar drains, or footing drains shall be connected to the sanitary sewer system.

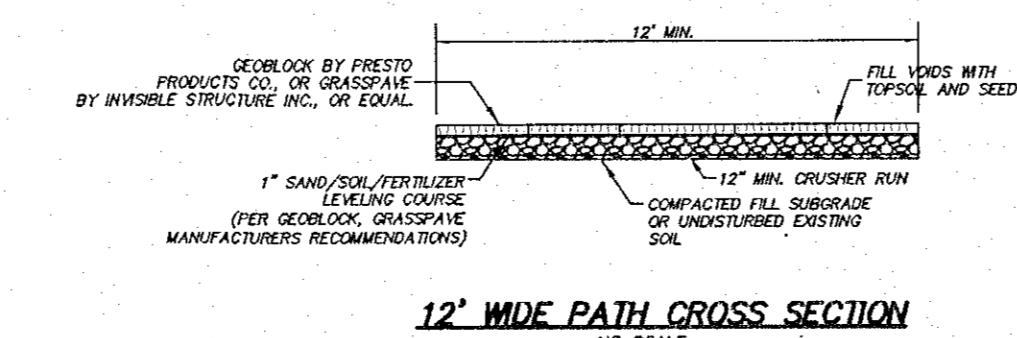


LEGEND

- ST EXISTING STORM
- S EXISTING SEWER
- W EXISTING WATER
- CB PROPS. STORM WITH SUMPLINES
- CB-CATCH BASIN
- PROP. SANITARY WITH 6" PVC LATERALS
- PROP. WATERMAIN W/ HYDRANT & VALVE ASSEMBLY
- SERVICE LATERAL AND GATE VALVE
- 212 EXIST CONTOURS
- (2) LOT NUMBER
- 18 HOUSE NUMBER
- 214 PROPOSED CONTOURS
- X-X SILT FENCE
- 100' LIMIT OF CLEARING AND GRADING
- FEDERAL WETLANDS
- DISTURBED FEDERAL WETLANDS

GENERAL NOTES:
 1. STRIP VEGETATION AND ORGANIC SOIL FROM WALL AND GEOSYNTHETIC ALIGNMENT.
 2. BORING AND DRILLING ARE TO BE LIMITED TO 12" DEEP.
 3. DO NOT OVERGRAVE UNLESS DIRECTED BY SITE SOIL ENGINEER TO REMOVE UNSUITABLE SOIL.
 4. USE SOILS ENGINEER'S SOIL TEST FOUNDATION SOILS AND OR DRAINED GRAVEL, 6" THICK MIN.
 5. CONTRACTOR MAY OPT FOR A LEAN PLAIN CONCRETE PAVING SLAB TO BE UNCOMPACTED, 4" THICK MIN.
 6. WALLS OVER 4 FT. UNLESS SHOWN OTHERWISE, WALLS ARE TO BE 12" THICK.
 7. WALLS OVER 4 FT. UNLESS SHOWN OTHERWISE, WALLS ARE TO BE 12" THICK.
 8. DRAINAGE AGGREGATE SHALL BE INSTALLED DIRECTLY BEHIND THE WALL WITHIN 12" OF THE TOP OF THE WALL.
 9. DRAINAGE AGGREGATE SHALL NOT BE PLACED IN FRONT OF UNITS AT THE SAME TIME ALL BEHIND UNITS IS COMPACTED.
 10. COMPACTATION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE 12. COMPACTATION WITHIN 3 FT. OF THE WALL SHALL BE LIMITED TO HAND OPERATED EQUIPMENT.
 11. ELEVATION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE 12.
 12. ELEVATION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE 12.
 13. ELEVATION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE 12.
 14. ELEVATION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE 12.
 15. CONTRACTOR SHALL NOT USE TURF OR DAMAGING MATERIALS WHILE UNDER CONSTRUCTION.
 16. ALL EXISTING SURFACE FEATURES, FINISH, GRADING, PAVING, OR TURF SHALL BE INSTALLED IMMEDIATELY AFTER WALL IS COMPLETED.
 17. FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.

RETAINING WALL DETAIL



ZONE: RESIDENTIAL A (RA)
 MIN. LOT AREA: 14,520 SF
 MIN. LOT WIDTH: 100' @ BUILDING LINE
 MIN. LOT DEPTH: 120'
 FRONT YARD SETBACK: 35'
 SIDE YARD SETBACK: 10'
 REAR YARD SETBACK: 25'

INCHES
Town of Bethlehem, NY

NOTES:
 1. BASE MAPPING PREPARED BY ABD ENGINEERS & SURVEYORS FROM A NOVEMBER 2003 FIELD SURVEY.
 2. THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURES, ABOVE-GROUND STRUCTURES AND/OR UTILITIES BELIEVED TO EXIST IN THE WORKING AREA, EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PIPE LINES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK. 48 HOURS BEFORE YOU DIG, DRILL OR BLAST, CALL U.P.O. 1-800 962-7962.
 3. ELEVATIONS BASED ON USGS DATUM.
 4. WETLANDS DELINEATED BY THE ENVIRONMENTAL COLLABORATIVE November 2003
 5. UNLESS OTHERWISE NOTED, THE LOCATIONS AND FOOTPRINT CONFIGURATIONS OF PROPOSED DWELLINGS AND ASSOCIATED LOT GRADING AS SHOWN ON THIS PLAN ARE CONCEPTUAL AND ARE INCLUDED FOR MUNICIPAL REVIEW PURPOSES. ACTUAL BUILDING LOCATIONS AND CONFIGURATIONS, AND RELATED SITE GRADING, MAY VARY FROM WHAT IS SHOWN. HOWEVER, ANY SUBSTANTIAL VARIATION FROM WHAT IS SHOWN ON ANY LOT IS DETERMINED BY THE TOWN BUILDING INSPECTOR, SHALL BE SUBJECT TO FURTHER REVIEW BY THE TOWN DEPARTMENT OF PUBLIC WORKS (AND POSSIBLY OTHER TOWN ENTITIES) PRIOR TO THE ISSUANCE OF A BUILDING PERMIT FOR THAT LOT.
 6. ALL EXISTING STRUCTURES TO BE REMOVED. CELLARS, WELLS AND OTHER EXISTING SUBSURFACE FEATURES TO BE REMOVED AND FILLED WITH CLEAN SOILS.
 7. SITE LIES ENTIRELY WITHIN THE TOWN OF BETHLEHEM WATER DISTRICT NO. 1 AND SEWER DISTRICT, DELMAR FIRE DISTRICT AND BETHLEHEM CENTRAL SCHOOL DISTRICT.
 8. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH TOWN STANDARD DETAILS AND SPECIFICATIONS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A SET OF THESE MATERIALS FOR USE ON THE JOB.
 9. PRIOR TO ANY WORK IN THE MURRAY AVENUE RIGHT OF WAY, THE CONTRACTOR SHALL OBTAIN A HIGHWAY WORK PERMIT FROM THE TOWN OF BETHLEHEM HIGHWAY DEPARTMENT.
 10. PRIOR TO ANY WORK ON SANITARY SEWER AND WATER, THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FROM THE TOWN DEPARTMENT OF PUBLIC WORKS.
 11. FOR ALL LOTS THAT HAVE AREAS DESIGNATED AS FEDERALLY REGULATED WETLANDS AS SHOWN ON SHEETS 1&2, THE TOWN HAS NO CONTROL OVER AND ACCEPTS NO RESPONSIBILITY FOR FUTURE DRAINAGE PROBLEMS THAT OCCUR IN THESE AREAS. THIS PERTAINS WHETHER SUCH PROBLEMS ARE A RESULT OF FUTURE LOT OWNERS FILLING IN AND AROUND THE AREAS WITHOUT REGARD FOR LOCAL DRAINAGE PATTERNS.
 12. 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.
 13. 5' MIN HORIZONTAL SEPARATION REQUIRED BETWEEN CATCH BASINS AND WATERMAINS.
 14. NO FOOTING, FOUNDATION OR ROOF DRAINS WILL BE ALLOWED TO CONNECT TO THE SANITARY SEWER SYSTEM.
 15. WATER SERVICES TO EACH LOT ARE TO BE INSTALLED AFTER THE LOCATION OF THE DRIVEWAY IS KNOWN.
 16. THE PROPOSED RETAINING WALLS ARE TO BE CERTIFIED BY THE HOME BUILDERS/DEVELOPERS ENGINEER, NOT THE BUILDING DEPARTMENT, BEFORE A CERTIFICATE OF OCCUPANCY IS ISSUED.

PLANNING BOARD TOWN OF BETHLEHEM ALBANY COUNTY, NEW YORK	
FINAL PLAT APPROVAL	
WHEN SIGNED BY THE DULY AUTHORIZED OFFICER OF THE PLANNING BOARD, THIS ENDORSEMENT CONSTITUTES FINAL APPROVAL OF THIS PLAT.	
SIGNED <i>Richard J. Mathews</i> TITLE Chairman DATE 12/07	
SEE ALSO CERTIFICATE OF APPROVAL OF FINAL PLAT NO. 231-CF 9-5-01	
CHAIRMAN, PLANNING BOARD	

ALBANY COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH SERVICES
By direction of the Commissioner of Health, these plans are hereby approved. See other page for date and signature.

MAP REFERENCE:
 1. "FINAL SUBDIVISION PLAT, FIELDSTONE CREEK" AS PREPARED BY ABD ENGINEERS AND SURVEYORS, DATED OCTOBER 11, 1995, LAST REVISED 9/9/96, AND FILED IN THE ALBANY COUNTY CLERKS OFFICE ON APRIL 12, 1996, AS MAP NO. 10270, DRAWER 172.

2. "MAP OF PROPERTY OF KEVIN KLEIN" AS PREPARED BY EDWARD BOUTELLE AND SON, DATED JULY 15, 1976.

OWNER/APPLICANT:
 KEVIN D. KLEIN
 203 MURRAY AVENUE
 DELMAR, NY 12054
 TAX MAP NUMBER: 96.12-1-24.1

ALBANY COUNTY DEPT. OF HEALTH

HAHK COURT GRADING & UTILITIES PLAN LANDS N/F KEVIN D. KLEIN DEC 18 2000

TOWN OF BETHLEHEM COUNTY OF ALBANY

STATE OF NEW YORK

ABD ENGINEERS SURVEYORS

411 Union Street Schenectady, N.Y. 12305

518-377-0315 Fax: 518-377-0379

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS ILLEGAL
UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS PLAT ARE A VIOLATION OF SECTION 729 OF THE NEW YORK STATE EDUCATION LAW, COPIES OF THIS PLAT WITH AN UNAUTHORIZED ALTERATION OR ADDITION MADE THEREON SHALL NOT BE CONSIDERED TO BE THE ORIGINAL OR AUTHENTIC PLAT. THE CONTRACTOR'S EMPLOYER'S SEAL SHALL NOT BE CONSIDERED TO BE THE ORIGINAL OR AUTHENTIC PLAT.
CERTIFICATIONS INDICATE OR APPLIED HERON SHALL ONLY RELATE TO THE PART FOR WHICH THE CERTIFICATION IS MADE. THE CONTRACTOR AGREES TO THE ADDITIONAL PARTIES LISTED HEREON. CERTIFICATIONS APPLIED HERON SHALL NOT BE CONSIDERED AUTHENTIC OR SUBSEQUENT OWNERS NOT LISTED HERON.
JOSEPH J. BIANCHIE N.Y.S. LICENSE NO. 50226 TODD WESTERFIELD, P.L.S. N.Y.S. LICENSE NO. 50319
DATE: DECEMBER 12, 2003
SCALE: 1"=50' DWG. 3169A-SUB2
SHEET OF 2