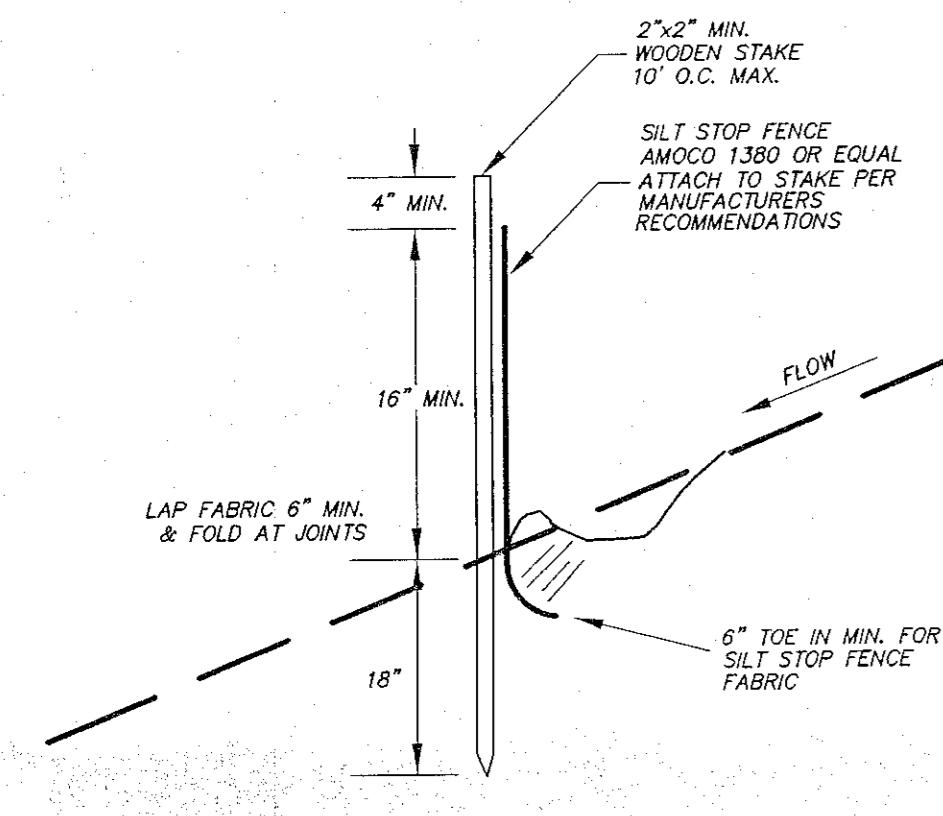


THE OWNER AND CONTRACTOR SHALL COMPLY WITH THE TOWN OF BETHLEHEM'S GRADING PERMIT REQUIREMENTS FOR THIS PROJECT AND AS A MINIMUM, IMPLEMENT THE FOLLOWING EROSION AND SEDIMENT CONTROL MEASURES:

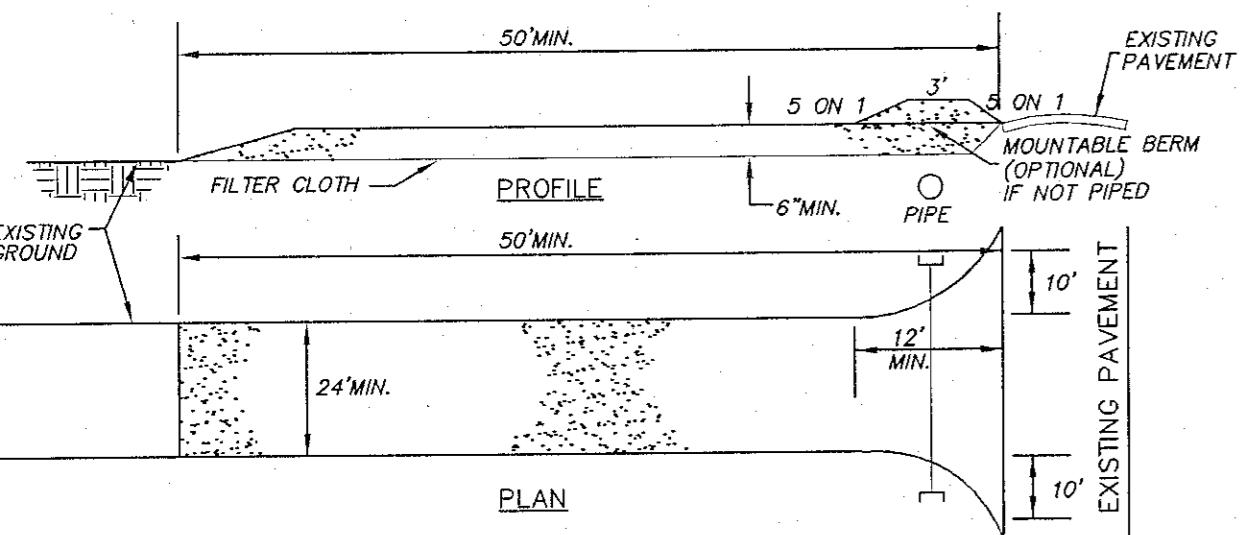
- CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL
- INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PLANS OR DETAILS AND AS NEEDED DURING THE GENERAL COURSE OF WORK.
- SOIL EROSION WILL OCCUR AFTER EVERY RAINFALL UNTIL TURF IS ESTABLISHED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR EROSION AFTER EVERY RAINFALL. EROSION AND SEDIMENT CONTROL MEASURES IN MAJOR DITCHES AND POSSIBLY PAVEMENT AND STRUCTURE FAILURE, PRIOR TO SITE DISTURBANCE, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE.
- TEMPORARY INSTALLATION OF STABILIZED CONSTRUCTION ENTRANCE PADS AT ALL LOCATION WHERE CONSTRUCTION VEHICLES WILL ENTER ONTO PUBLIC STREETS.
- EXCAVATION WORK CARRIED OUT DURING PERIODS OF INCLEMENT WEATHER SHALL REQUIRE ADDITIONAL EROSION CONTROL MEASURES AS MAY BE NECESSARY BASED ON CONDITIONS.
- ADDITIONAL EROSION CONTROL METHODS INCLUDING SOIL STABILIZATION MATS. PLACEMENT OF STONE, PLACEMENT OF SOIL MAY BE REQUIRED DUE TO CLIMATIC CONDITIONS (EXCESS RAIN, ETC.)
- STABILIZATION OF DISTURBANCE AREAS TO BE PAVED BY COMPACTION AND APPLICATION OF SUBBASE WITHIN ONE MONTH AFTER UTILITIES ARE INSTALLED.
- VEGETATIVE STABILIZATION OF DISTURBED AREAS TO BE SEEDED INCLUDING P.O.W. AND EASEMENTS WITHIN TWO WEEKS OF FINAL GRADING.
- PLANS SHOW TEMPORARY SOIL EROSION AND SEDIMENT MEASURES WHICH SHALL BE MAINTAINED UNTIL ALL AREAS ARE STABILIZED.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO SEED AND MULCH (OR HYDROSEED) AND TO PROVIDE AN ADEQUATE WATER SOURCE AND HOSES FOR GERMINATION OF THE SEED.
- IF THE CONTRACTOR ELECTS NOT TO INSTALL IMPORTED TOPSOIL OR SPREAD TOPSOIL FROM THE SITE THE SEEDING MAY NOT ESTABLISH ITSELF OR MAY BE SUBJECT TO STRESS FAILURE. THE OWNER SHALL TAKE COMPLETE RESPONSIBILITY FOR ESTABLISHING THE LAWN BY PROPER WATER AND FERTILIZING.
- EROSION AND SEDIMENT CONTROLS SHOULD REMAIN IN PLACE AND NO STORMWATER RUNOFF DIRECTED TO THE PROPOSED DRYWELLS UNTIL DISTURBED PERVIOUS AREAS HAVE 80% VEGETATIVE COVER.
- ALL EROSION AND SEDIMENT CONTROL STRUCTURAL PRACTICES SHOULD CONFORM TO THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (AUGUST 2005).



#### SILT FENCE DETAIL

**CONSTRUCTION SPECIFICATIONS**

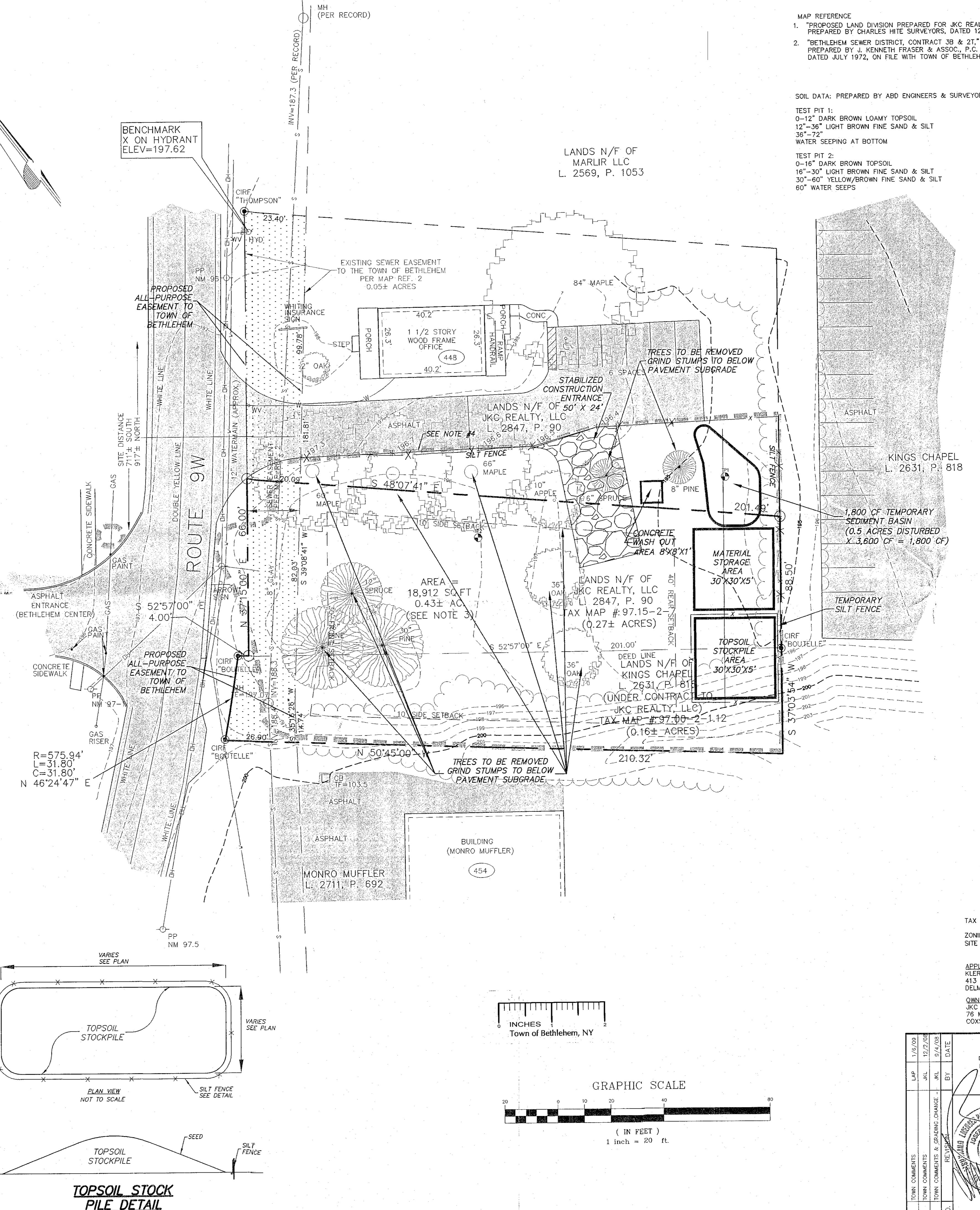
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFIX 1000, STABILINKA TIAN, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



#### CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - NOT LESS THAN THE FULL DRIVEWAY WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24' MINIMUM IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANING OF ANY MEASURES USED TO MAINTAIN THE ENTRANCE.
8. WASHING - BERM'S WILL BE CLEANED WHEN NECESSARY TO REMOVE SEDIMENT PRIOR TO ENTRANCE INTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

#### STABILIZED CONSTRUCTION ENTRANCE DETAIL



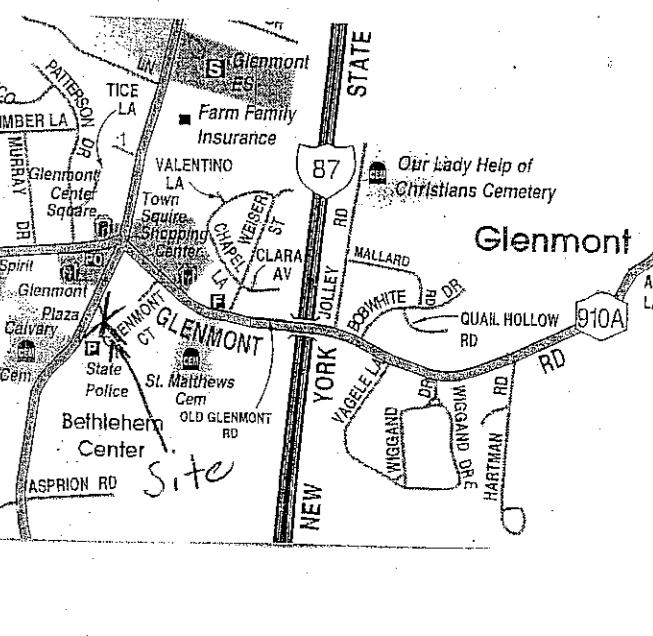
**MAP REFERENCE**

1. "PROPOSED LAND DIVISION PREPARED FOR JKCG REALTY, LLC", PREPARED BY CHARLES HITE SURVEYORS, DATED 12/18/06
2. "BETHLEHEM SEWER DISTRICT, CONTRACT 3B & 21", PREPARED BY J. KENNETH FRASER & ASSOC., P.C., DATED JULY 1972, ON FILE WITH TOWN OF BETHLEHEM ENG. DEPT.

**SOIL DATA:** PREPARED BY ABD ENGINEERS & SURVEYORS 8/15/08.

**TEST PIT 1:**  
0-12" DARK BROWN LOAMY TOPSOIL  
12"-36" LIGHT BROWN FINE SAND & SILT  
36"-72" WATER SEEPING AT BOTTOM

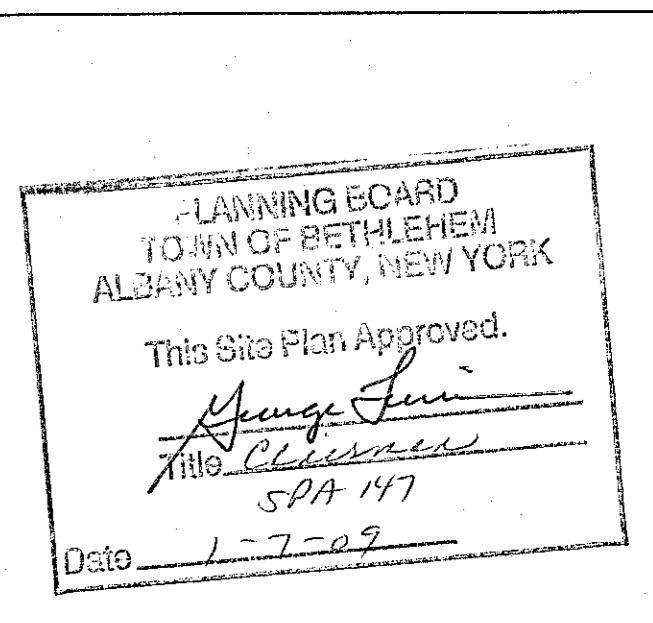
**TEST PIT 2:**  
0-16" DARK BROWN TOPSOIL  
16"-30" LIGHT BROWN FINE SAND & SILT  
30"-60" YELLOW/BROWN FINE SAND & SILT  
60" WATER SEEPING



**SITE LOCATION MAP**  
SCALE: 1"=500'

NOTES:

1. BASE MAPPING PREPARED BY ABD ENGINEERS & SURVEYORS FROM A JULY 2008 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 HE MAY EVEN FIND UNLISTED LOCATIONS WHICH 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.F.P.O. 1-800-962-7962.
3. TAX MAP PARCEL'S 97.15-2-7 & 97.00-2-1.12 TO BE COMBINED
4. VEHICLE DETECTION WIRE ALONG EDGE OF PAVEMENT. COORDINATE WITH WHITING INSURANCE AGENCY.



TAX MAP #: 97.15-2-7 & 97.00-2-1.12 (SEE NOTE 3)  
ZONING: COMMERCIAL HAMLET (CH)  
SITE AREA: 18,915 SF (0.43 ACRES)

APPLICANT:  
KERSY BUILDING CORP.  
413 KENWOOD AVE.  
DELMAR, NY 12054  
OWNER:  
JKC REALTY, LLC  
76 MANSION STREET  
COXSACKIE, NY 12051

RECEIVED  
JAN 6 - 2009  
PLANNING BOARD  
TOWN OF BETHLEHEM  
TOWN OF BETHLEHEM PLANNING BOARD SIGNATURE

EXISTING CONDITIONS & EROSION CONTROL PLAN	
MEDICAL BUILDING	
450 ROUTE 9W	
TOWN OF BETHLEHEM COUNTY OF ALBANY	
STATE OF NEW YORK	
A B D ENGINEERS SURVEYORS	
411 Union Street Schenectady, N.Y. 12305	
518-377-0315 Fax 518-377-0379	
DATE:	JULY 31, 2008
SCALE:	1"=20'
DWG.:	3803A-54
SHEET OF	1 3

SP4 147

