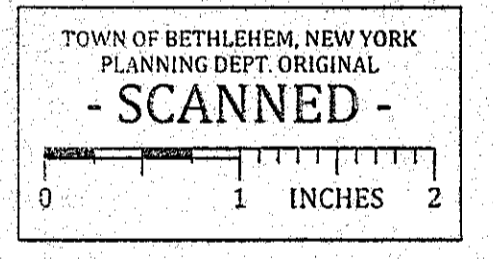


THIS AREA IS SUBJECT TO A MEMORANDUM OF AGREEMENT AMONG THE UNITED STATES ARMY CORPS OF ENGINEERS NEW YORK DISTRICT, THE NEW YORK STATE OFFICE OF PARKS, RECREATION AND HISTORIC PRESERVATION STATE HISTORIC PRESERVATION OFFICE AND VISUUS BUILDERS LTD REGARDING ARCHEOLOGICAL DATA RECOVERY AT DELMAR POINTE PLANNED DEVELOPMENT DISTRICT, USAGE APPLICATION NAN-2008-03387-WDA, AND SHEET PR#06904564.

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MATCH LINE SEE SHEET 5



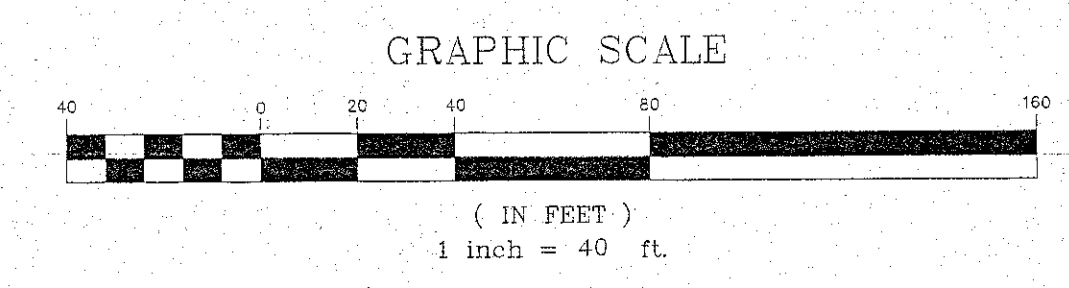
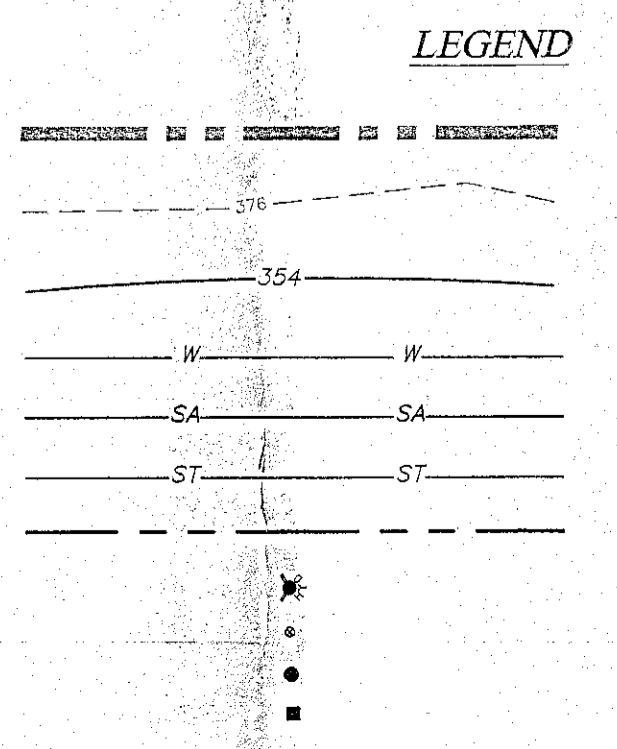
- NOTES:**
1. BASE MAPPING PREPARED BY ABD ENGINEERS & SURVEYORS FROM A NOVEMBER 2005 FIELD SURVEY.
  2. THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURES, ABOVE-GROUND STRUCTURES AND/OR UTILITIES BELIEVED TO EXIST IN THE WORKING AREA, EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR 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 NEW YORK ONE CALL 1-800-REG-7862.
  3. ELEVATIONS BASED ON USGS DATUM.
  4. WETLANDS DELINEATED BY NORTH COUNTRY ECOLOGICAL SERVICES SEPTEMBER 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, AS 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. SITE LIES ENTIRELY WITHIN THE TOWN OF BETHLEHEM WATER DISTRICT NO. 1 AND SEWER DISTRICT, DELMAR FIRE DISTRICT AND BETHLEHEM CENTRAL SCHOOL DISTRICT.
  7. 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.
  8. PRIOR TO ANY WORK IN THE DELAWARE AVENUE RIGHT OF WAY, THE CONTRACTOR SHALL OBTAIN A HIGHWAY WORK PERMIT FROM NYSDOT.
  9. PRIOR TO ANY WORK ON SANITARY SEWER AND WATER, THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FROM NYSDOT.
  10. FOR ALL LOTS THAT HAVE AREAS DESIGNATED AS FEDERALLY REGULATED WETLANDS AS SHOWN ON THESE PLANS, 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 LEAVING THE AREAS AS THEY PRESENTLY EXIST, OR AS A RESULT OF FUTURE LOT OWNERS TILLING IN AND AROUND THE AREAS WITHOUT REGARD FOR LOCAL DRAINAGE PROBLEMS.
  11. 5' MIN HORIZONTAL SEPARATION REQUIRED BETWEEN CATCH BASINS AND WATERMANS.
  12. NO FOOTING, FOUNDATION OR ROOF DRAINS WILL BE ALLOWED TO CONNECT TO THE SANITARY SEWER SYSTEM.
  13. ANGLE OF REPOSE 1:3 MAXIMUM FROM BOTTOM OF BANK PER GEOTECHNICAL REPORTING.
  14. TEST PITS PERFORMED BY DEVTE ENGINEERS ON DECEMBER 3, 2010. SEE GEOTECHNICAL REPORT DATED DECEMBER 30, 2010.
  15. CONSTRUCTION OF FILL SOILS BENEATH THE BUILDINGS AND ROADWAY RAINE CROSSING, IN ADDITION TO SLOPES AROUND THE BUILDINGS SHALL REFER TO DEVTE ENGINEERING, JANUARY 7, 2013 LETTER OF RECOMMENDATION.
  16. DATA RECOVERY PLAN IS TO BE UPDATED PRIOR TO CONSTRUCTION.

**TOWN OF BETHLEHEM NOTES FOR ALL DRIVEWAYS OVER 100 FEET**

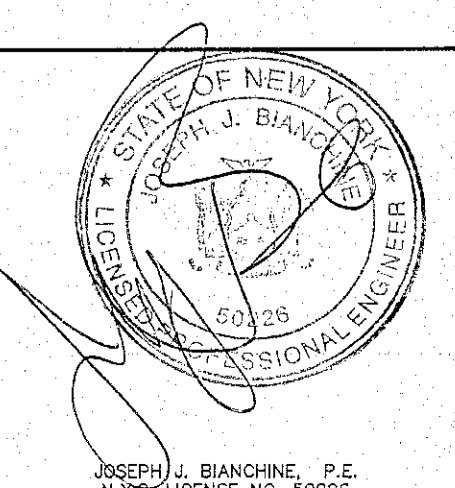
1. DRIVEWAY WIDTH IS 11 FEET MINIMUM.
2. ALL TURNS IN THE DRIVEWAY TO HAVE RADI TO ACCOMMODATE TURNING RADIUS OF EMERGENCY VEHICLES, OR WIDENED WIDTHS TO ACCOMMODATE SUCH VEHICLES.
3. DRIVEWAY GRADES NOT TO EXCEED 10%.
4. DRIVEWAY CONSTRUCTION IS IN ACCORDANCE WITH TOWN HIGHWAY SPECIFICATIONS WITH THE ASPHALT SURFACE OPTIONAL. THE DRIVEWAY SHALL BE PAVED FROM THE EDGE OF EXISTING ROADWAY PAVEMENT TO THE LIMITS OF THE PUBLIC ROAD RIGHT-OF-WAY. CONSTRUCTION TO ACCOMMODATE EMERGENCY VEHICLE LOADINGS FOR THE SOIL CONDITIONS PRESENT.
5. ADEQUATELY DESIGNED DRIVEWAY CULVERTS TO BE INSTALLED IN ALL DRIVEWAYS TO ACCOMMODATE LOCAL DRAINAGE PATTERNS.
6. A PLACARD IDENTIFYING THE HOUSE NUMBER OF THE RESIDENCE IN FOUR INCH MINIMUM SIZE NUMERALS TO BE INSTALLED ADJACENT TO THE DRIVEWAY AT THE PUBLIC RIGHT-OF-WAY LINE.

**TOWN OF BETHLEHEM NOTES FOR ALL DRIVEWAYS OVER 200 FEET**

1. A WATER METER PIT IS TO BE INSTALLED ADJACENT TO AND OUTSIDE OF THE PUBLIC ROAD RIGHT-OF-WAY. ALL WATER METERS ARE RADIO READ METERS, AND ARE FURNISHED AND INSTALLED BY THE TOWN WATER DEPARTMENT. (THE PROJECT OWNER INSTALLS THE METER PIT.)



NO.	REVISION	DATE
1	RELOCATED UNITS 13 & 14	1/20/14
2	TOWN AND E.I.O.T. COMMENTS	1/20/14
3	TOWN, TIE & I.O.T. COMMENTS	1/20/14
4	TOWN, TIE & I.O.T. COMMENTS	1/20/14
5	DOT, TOWN & IDE COMMENTS	1/20/14
6	DOT, TOWN & IDE COMMENTS	1/20/14
7	TOWN COMMENTS	9/8/14
8	FINAL APPROVAL COMMENTS	5/25/15



**ALBANY COUNTY DEPARTMENT OF HEALTH**  
 DIVISION OF ENVIRONMENTAL HEALTH SERVICE  
 By direction of the Commissioner of Health, these plans are hereby approved. See first sheet for date and signature.

CHAIRMAN, PLANNING BOARD

**GRADING & UTILITIES PLAN**  
**DELMAR POINTE SUBDIVISION**  
 DELAWARE AVENUE

TOWN OF BETHLEHEM COUNTY OF ALBANY STATE OF NEW YORK

**ABD ENGINEERS, LLP**  
 411 Union Street  
 Schenectady, NY 12305  
 518-377-0115 Fax 518-377-0379  
 www.abdeng.com

DATE: OCTOBER, 2013 SCALE: 1" = 40' DWG: 3127-000-Lrv SHEET OF 4 12