

**SEPTIC SYSTEM DESIGN DATA**  
 WITNESSED BY O.C.H.D. 07/12/11

PERCOLATION DATA	DEEP PIT DATA
PT1 24" DEEP 07/12/11 RUN 1: 00:02:10 RUN 2: 00:02:27 RUN 3: 00:02:40 STABILIZED RATE - 3 MIN/INCH  PT2 24" DEEP 07/12/11 RUN 1: 00:26:34 RUN 2: 00:35:21 RUN 3: 00:37:10 STABILIZED RATE - 38 MIN/INCH	PT-A 40" DEEP 08/26/11 RUN 1: 20:56:00 STABILIZED RATE - ABANDONED  PT-B 40" DEEP 08/26/11 RUN 1: 00:08:20 RUN 2: 00:11:38 RUN 3: 00:14:42 RUN 4: 00:15:40 STABILIZED RATE - 16 MIN/INCH  PT-C 43" DEEP 08/26/11 RUN 1: 00:09:12 RUN 2: 00:15:32 RUN 3: 00:17:32 RUN 4: 00:20:10 RUN 4: 00:21:00 STABILIZED RATE - 21 MIN/INCH

SEPTIC DESIGN PROVIDED IS BASED ON THE RESULTS OF SOIL TESTS WITNESSED BY THE O.C.H.D. ON 07/12/11 & 08/26/11 AS SHOWN.

- SEPTIC SYSTEM GENERAL NOTES:**
- ALL PORTIONS OF THE SEPTIC FIELD WILL BE A MINIMUM DISTANCE OF 200 FEET UP SLOPE AND 100 FEET DOWN SLOPE FROM ANY WELL.
  - SEPTIC TANK TO BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM ANY BUILDING OR PROPERTY LINE.
  - CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN THE VICINITY OF ABSORPTION FIELD.
  - NO SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL NOT BE CONSTRUCTED OVER ANY PORTION OF THE ABSORPTION FIELD.
  - NO TRENCHES TO BE INSTALLED IN WET SOIL.
  - RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING SAND IN ABSORPTION PITCH. INTERIORS TO CONC. SEPTIC TANK & DISTRIBUTION BOX.
  - DISTRIBUTION LINES ARE TO BE CAPPED.
  - THE PERIMETER OF THE ABSORPTION FIELD SHOULD BE GRADED TO DIVERT SURFACE WATER.
  - ALL NEWLY DISTURBED AREAS SHALL BE IMMEDIATELY STABILIZED UPON CONSTRUCTION COMPLETION USING GRASS SEED & MULCH.
  - NO SEWAGE SYSTEM SHALL BE PLACED WITH IN 100' OF ANY WATER COURSE OR 50' OF A DRAINAGE DITCH.
  - ALL LAUNDRY AND KITCHEN WASTES SHALL BE DISCHARGED INTO SEWAGE SYSTEM.
  - BEDS SHALL BE USED WHEN ENTRANCE OR EXIT FROM SEPTIC TANK IS NOT APPROVED. EXHAUSTION BEDS ARE USED FOR REMOVED OTHER THAN FRESH WASTE.
  - THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE HOUSE, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
  - THE DESIGN ENGINEER WILL BE REQUIRED TO CERTIFY THE COMPLETED DISPOSAL FACILITY WITH AN AS-BUILT DRAWING SUBMITTED TO THE TOWN PRIOR TO CERTIFICATE OF OCCUPANCY BEING ISSUED.

- STANDARD NOTES:**
- THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:
- APPENDIX 75-4, WASTE TREATMENT - INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE ENGINEERING CODE
  - NEW YORK STATE SANITATION CODE
  - STATE DEPARTMENT OF HEALTH, "INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE DEPARTMENT OF HEALTH"
  - RURAL WATER SUPPLY, NEW YORK STATE DEPARTMENT OF HEALTH"
  - "PLANNING THE SUBDIVISION AS PART OF THE TOTAL ENVIRONMENT, NEW YORK STATE DEPARTMENT OF HEALTH"
- "THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND TREATMENT AND WATER SUPPLY FACILITIES.
- ALL WELLS AND S.D.S. EXISTING OR APPROVED WITHIN 200' OF THE PROPOSED WELLS AND S.D.S. ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND CONSTRUCTION OF THE S.D.S. AND WELL. ENGINEER THAT HAS REVIEWED THE DESIGN AND CONSTRUCTION OF THE S.D.S. AND WELL FOR USE. THIS SHALL REQUIRE AS A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED, WATER-TIGHT AND ACCEPTABLE FOR USE.
- ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.
- TRENCH BOTTOMS TO BE SET LEVEL AND PARALLEL TO EXISTING CONTOURS.

**COUNTY CERTIFICATION:**

THE PROPOSED SEWAGE DISPOSAL SYSTEM AND WATER SUPPLY SYSTEM SHOWN ARE DESIGNED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF HEALTH AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION. THE DESIGN IS BASED UPON THE ACTUAL SOIL AND S.D.S. CONDITIONS FOUND UPON THE LOT AT THE DESIGN LOCATION AT THE TIME OF DESIGN.

**TOWN CERTIFICATION:**

I HEREBY CERTIFY TO THE TOWN OF NEWBURGH THAT THE SEWAGE DISPOSAL SYSTEM DEPICTED ON THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE NEW YORK STATE PUBLIC HEALTH LAW AND ALL REGULATIONS PROMULGATED THEREUNDER.

**WATER SUPPLY NOTE:**

INDIVIDUAL PRIVATE WELL

**WELL NOTES:**

NO WELLS SHALL BE LOCATED WITHIN 200' DOWNHILL OR 100' UPHILL OF THE PROPOSED SEPTIC SYSTEM.

**SEPTIC NOTE:**

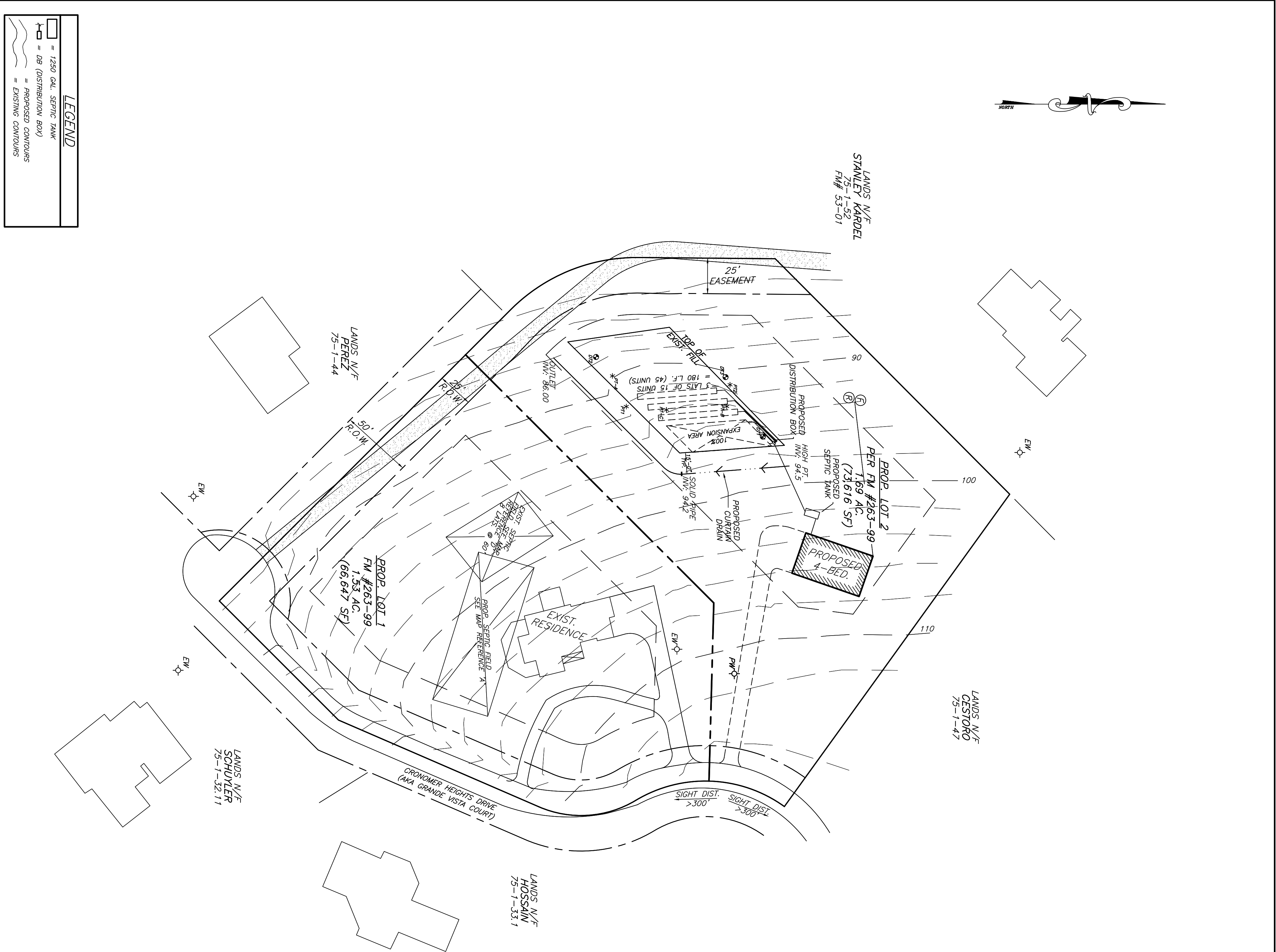
INDIVIDUAL SEPTIC SYSTEM

4. REVISED 11/21/11 PER O.C.H.D. COMMENTS DATED 11/16/11;  
 3. REVISED 10/04/11 PER O.C.H.D. COMMENTS DATED 09/26/11;  
 2. REVISED 09/01/11 PER SOIL TESTING WITH O.C.H.D. 08/26/11;  
 1. REVISED 07/18/11 PER SOIL TESTING WITH O.C.H.D. 07/12/11.

**WILLIAM J. MORRIS, P.E.**  
 ENGINEER

**BRYANT 2-LOT SUBDIVISION**  
 SITE PLAN  
 74 CRONOMER HEIGHTS DRIVE  
 S.B.L. 75-1-46  
 TOWN OF NEWBURGH, ORANGE COUNTY, NY

DATE	06/01/11	SCALE	1" = 40'	JOB NUMBER	11-028-44C	SHEET NUMBER	2 OF 3
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**LEGEND**

[Symbol]	= 1200 GAL. SEPTIC TANK
[Symbol]	= 100 (DISTRIBUTION BOX)
[Symbol]	= PROPOSED CONTOURS
[Symbol]	= EXISTING CONTOURS

PLANS ARE INCOMPLETE AND INVALID UNLESS ACCOMPANIED BY ENTIRE SET (SHEETS 1-3)