

SEPTIC SYSTEM GENERAL NOTES:

1. ALL PORTIONS OF THE SEPTIC FIELD WILL BE A MINIMUM DISTANCE OF 200 FEET UP SLOPE AND 100 FEET DOWN SLOPE FROM ANY WELL.
2. ANY BUILDING OR PROPERTY LINE SHALL BE A MINIMUM DISTANCE OF 10 FEET FROM ANY CULVERT, TRENCH, OR FOOTING DRAIN.
3. CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN THE VICINITY OF ABSORPTION FIELDS.
4. SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL NOT BE CONSTRUCTED OVER ANY PORTION OF THE ABSORPTION FIELD.
5. NO TRENCHES TO BE INSTALLED IN WET SOIL.
6. RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL IN ABSORPTION TRENCH.
7. GROUT ALL PIPE PENETRATIONS TO CONC. SEPTIC TANK & DISTRIBUTION BOX.
8. DISTRIBUTION LINES ARE TO BE CARPED.
9. THE PERIMETER OF THE ABSORPTION FIELD SHOULD BE GRADED TO DIVERT SURFACE WATER.
10. ALL NEWLY DISTURBED AREAS SHALL BE IMMEDIATELY STABILIZED UPON CONSTRUCTION COMPLETION USING GRASS SEED & MULCH.
11. DRAINAGE DITCH SHALL BE PLACED WITHIN 35' OF ANY WATER COURSE.
12. ALL LAUNDRY AND KITCHEN WASTES SHALL BE DISCHARGED INTO SEWAGE SYSTEM.
13. BENDS SHALL BE USED WHEN ENTRANCE OR EXIT FROM SEPTIC TANK IS NOT APPROXIMATELY STRAIGHT. IF BENDS ARE USED AT POINTS OTHER THAN ENTRANCE OR EXIT POINTS, THEN A CLEANOUT IS REQUIRED.
14. THE DESIGN AND LOCATION OF THE SANITARY FACILITIES SHALL NOT BE CHANGED WITHOUT RESUBMISSION FOR APPROVAL.
15. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION.
16. THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARAGE GRINDERS, AS SUCH DEVICES ARE NOT PERMITTED BY LOCAL ORDINANCES. AS SUCH, THESE DEVICES SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOMMODATE THEM.
17. 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 VEIL. THE PURCHASER OF THIS LOT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING SANITARY FACILITIES.
18. THE DESIGN ENGINEER WILL BE REQUIRED TO CERTIFY THE COMPLETED DISPOSAL FACILITY.

EROSION CONTROL STANDARD NOTES

1. EXCAVATION, FILLING, GRADING AND STRIPPING SHALL BE PERMITTED TO BE UNDERTAKEN ONLY IN SUCH LOCATIONS AND IN SUCH A MANNER AS TO MINIMIZE THE POTENTIAL OF EROSION AND SEDIMENT AND THE THREAT TO THE HEALTH, SAFETY AND WELFARE OF NEIGHBORING PROPERTY OWNERS AND THE GENERAL PUBLIC.
2. SITE PREPARATION AND CONSTRUCTION SHALL BE FITTED TO THE SPECIFIC TOPOGRAPHY AND SOILS OF THE SITE. FEATURES AS FEASIBLE SHALL BE MAINTAINED OR RESTORED TO ORIGINAL CONDITION. THE CONTROL OF EROSION AND SEDIMENT SHALL BE A CONTINUOUS PROCESS UNDERTAKEN AS NECESSARY PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION.
3. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED BY SITE PREPARATION AT ANY GIVEN TIME.
4. THE EXPOSURE OF AREAS BY SITE PREPARATION SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME PRIOR TO THE RESTORATION OF THE EXPOSED AREAS TO AN ATTRACTIVE NATURAL CONDITION OR TEMPORARY VEGETATION SUITABLE TO THE SITE.
5. ALL AREAS EXPOSED BY SITE PREPARATION SHALL BE PROTECTED BY SITE PREPARATION, AND PERMANENT VEGETATION WHICH IS WELL ADAPTED TO THE SITE SHALL BE INSTALLED AS SOON AS PRACTICAL.
7. WHERE SLOPES ARE TO BE REVEGETATED IN AREAS EXPOSED BY SITE PREPARATION, THE SLOPES SHALL NOT BE OF SUCH STEEPNESS THAT VEGETATION CANNOT BE READILY ESTABLISHED OR THAT PROBLEMS OF EROSION OR SEDIMENT MAY RESULT.
8. SITE PREPARATION AND CONSTRUCTION SHALL NOT ADVERSELY AFFECT THE FREE FLOW OF WATER BY ENCRUSTING OR BLOCKING OR RESTRICTING WATERCOURSES.
9. ALL FILL MATERIAL SHALL BE COMPACTED TO THE PROPER DENSITY AND RESTRICTED IN ITS CONTENT OF BRUSH, STUMPS, TREE DEBRIS, ROCKS, FROZEN MATERIAL AND SOFT OR EASILY COMPRESSIBLE MATERIAL.
10. FILL MATERIAL SHALL BE COMPACTED SUFFICIENTLY TO PREVENT PROBLEMS OF EROSION, AND WHERE THE MATERIAL IS TO SUPPORT STRUCTURES, IT SHALL BE COMPACTED TO A MINIMUM OF NINETY PERCENT (90%) OF STANDARD PROCTOR WITH PROPER MOISTURE CONTROL.
11. ALL TOPSOIL WHICH IS EXCAVATED FROM A SITE SHALL BE STOCKPILED AND USED FOR THE RESTORATION OF THE SITE, AND SUCH STOCKPILES, WHERE NECESSARY, SHALL BE SEEDED OR OTHERWISE PROTECTED TO MINIMIZE THE EFFECTS OF EROSION, AND PREVENT WEEDS FROM GROWING.
12. CONSTRUCTION OF AN INTEGRATED DRAINAGE SYSTEM SHALL BE PROVIDED WHICH AT ALL TIMES MINIMIZES EROSION, SEDIMENT, HAZARDS OF SLOPE INSTABILITY AND ADVERSE EFFECT ON NEIGHBORING PROPERTY OWNERS.
13. THE NATURAL DRAINAGE SYSTEM SHALL GENERALLY BE PRESERVED IN PREFERENCE TO MODIFICATIONS OF THIS SYSTEM, EXCEPT WHERE SUCH MODIFICATIONS ARE NECESSARY TO REDUCE LEVELS OF EROSION AND SEDIMENT AND ADVERSE EFFECTS ON NEIGHBORING PROPERTY OWNERS.
14. ALL DRAINAGE SYSTEMS SHALL BE DESIGNED TO HANDLE ADEQUATE UPSTREAM FLOWS, BOTH WITHIN THE SITE AND FROM ADJACENT UPSTREAM AREAS.
15. SUFFICIENT GRASSES AND DRAINAGE FACILITIES SHALL BE PROVIDED TO PREVENT THE PONDING OF WATER, UNLESS SUCH PONDING IS PROPOSED WITHIN SITE PLANS, IN WHICH EVENT THERE SHALL BE SUFFICIENT WATER FLOW TO MAINTAIN PROPOSED WATER LEVELS AND TO AVOID STAGNATION.
16. THERE SHALL BE PROVIDED WHERE NECESSARY TO MINIMIZE EROSION AND SEDIMENT SUCH MEASURES AS BENCHES, BERMS, TERRACES, DIMENSIONS AND SEDIMENT, DEBRIS AND RETENTION BASINS.
17. DRAINAGE SYSTEMS, PLANTINGS AND OTHER EROSION OR SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED AS FREQUENT AS NECESSARY AND TO ENSURE ADEQUATE PROTECTION AGAINST EROSION AND SEDIMENT AND TO INSURE THAT FREQUENT MAINTENANCE IS NOT OBTAINED BY THE ACCUMULATION OF SILT, DEBRIS OR OTHER MATERIAL OR BY STRUCTURAL DAMAGE.

LOT 2 DEEP TEST DATA:

- 0-1'-1" TOPSOIL
- 1'-1"-6'-6" SANDY LOAM w/ GRAVEL AND A LITTLE CLAY
- 6'-6"-11'-26/03 SANDY LOAM w/ GRAVEL AND A LITTLE CLAY
- 11'-26/03 SANDY LOAM w/ GRAVEL AND A LITTLE CLAY
- NO ROCK, NO CLAY, NO MOTTLING

LOT 2 PERCOLATION DATA:

PERCOLATION RATE	PERCOLATION RATE	PERCOLATION RATE	PERCOLATION RATE	PERCOLATION RATE
* P1A	12" DEEP	11/26/03	* P1B	24" DEEP
FINISH	4:15	5:00	FINISH	3:36
START	6:01	6:25	START	5:10
STABILIZED PERCOLATION RATE:	25 MINUTES /INCH	4:40	STABILIZED PERCOLATION RATE:	34 MINUTES /INCH
* P2A	12" DEEP	11/26/03	* P2B	24" DEEP
FINISH	11:41	12:01	FINISH	4:01
START	11:31	11:42	START	3:40
STABILIZED PERCOLATION RATE:	19 MINUTES /INCH	0:19	STABILIZED PERCOLATION RATE:	33 MINUTES /INCH

LOT 2 SEPTIC DESIGN CRITERIA (24" BEBOS USED FOR DESIGN)

1. NO. OF BEDROOMS - 3max
2. SEPTIC TANK DESIGN - 1,250gpd
3. STABILIZED PERCOLATION RATE - 34min./inch
4. FLOW RATE (GALS /DAY) - 390
5. DESIGN LENGTHS: 38R @#50=400ft. (390ft. REQUIRED)

LOT NOTES:

1. LOT SPECIFIC PLOT PLAN FOR LOT 2 SHALL BE SUBMITTED WITH THE BUILDING PERMIT APPLICATION AND FOUNDATION AND SEPTIC FIELD SHALL BE STAKED OUT PER PLOT PLAN BY A LICENSED SURVEYOR PLAN PRIOR TO CONSTRUCTION.
2. A SURVEY SHALL BE PROVIDED TO THE TOWN OF NEWBURGH CODE COMPLIANCE DEPARTMENT FOR LOT 2 SHOWING THE STAKED LOCATION OF THE PROPOSED FOUNDATION, AND PROPOSED SEPTIC. A MAINTENANCE AGREEMENT, APPROVED BY THE PLANNING BOARD ATTORNEY, MUST BE FILED WITH THE APPROVED SUBDIVISION PLAN SET IN THE ORANGE COUNTY CLERKS OFFICE.
4. PROPOSED LOT #2, AND THE THURSTON PARCEL WILL BE PROVIDED WITH MUNICIPAL WATER FROM LESLIE ROAD.
5. WATER SERVICE MUST BE PROVIDED TO THE THURSTON PARCEL PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR THE PROPOSED LOT #2.
6. EXISTING 16" R.O.W. TO THURSTON TO BE ABANDONED, IN LEU OF NEW MAINTENANCE AGREEMENT AND RIGHTS OVER PROPOSED 50' R.O.W./COMMON DRIVEWAY.
7. THE APPLICANT PETITIONED THE TOWN OF NEWBURGH TOWN BOARD FOR WAIVER OF THE 2' LOT LIMIT FOR COMMON DRIVEWAYS, AS PER SECTION 161.44 OF THE TOWN CODE.

TOWN OF NEWBURGH WATER SERVICE NOTES

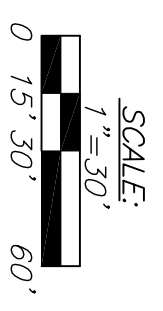
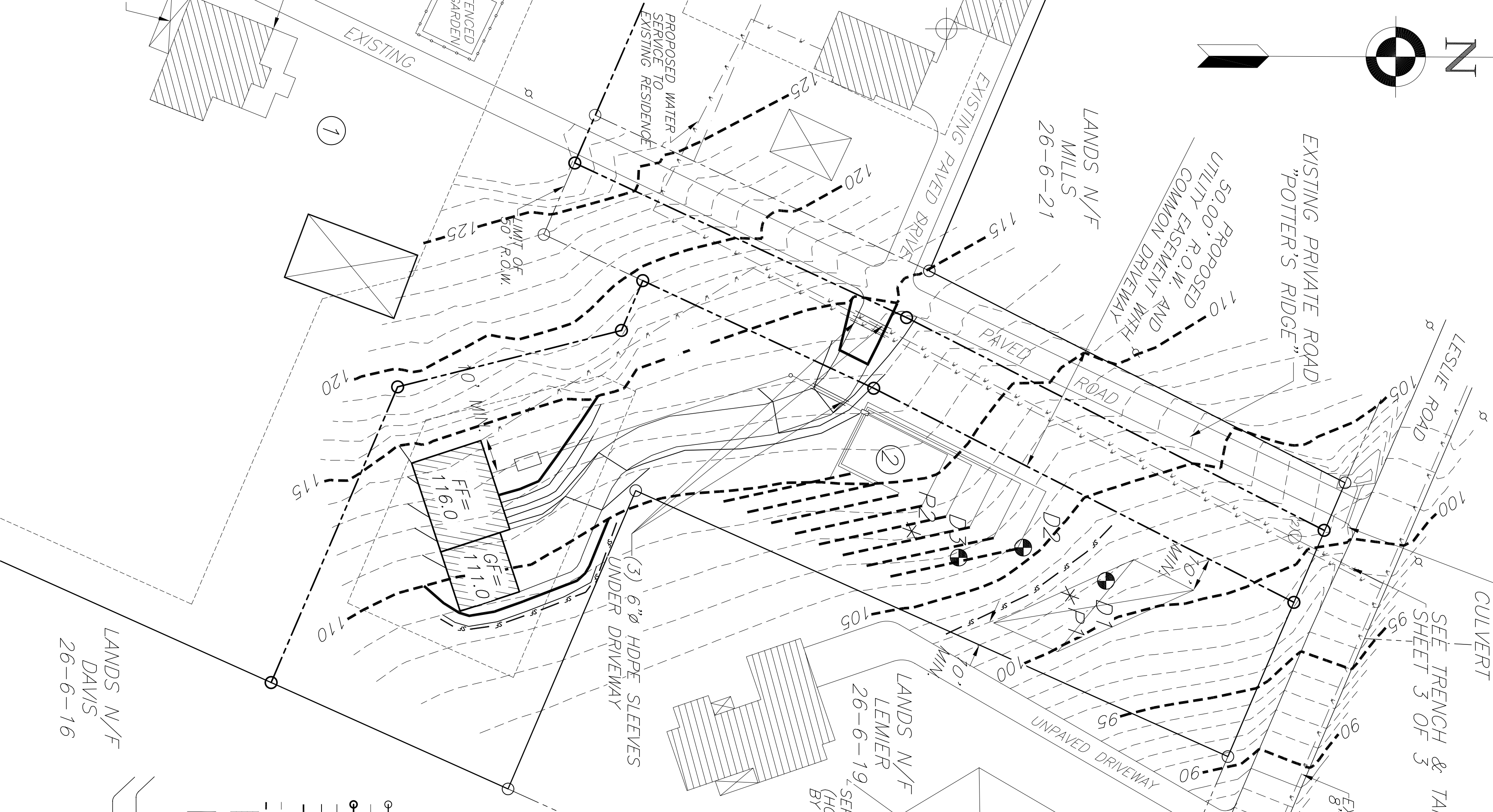
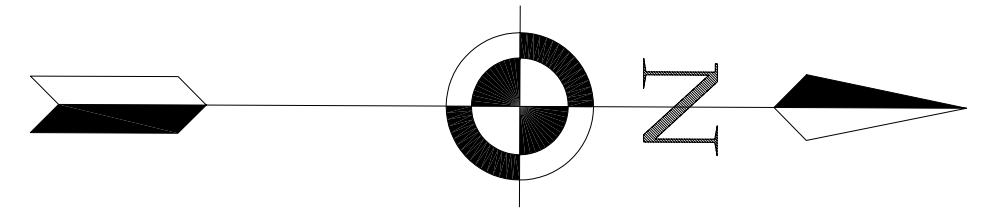
1. CONSTRUCTION OF POTABLE WATER UTILITIES AND CONNECTION TO THE T.O.N. WATER SYSTEM REQUIRES A PERMIT FROM THE T.O.N. WATER DEPARTMENT. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE WYSOND AND THE T.O.N. WATER DEPARTMENT.
2. ALL WATER SERVICE LINES SHALL BE 4 INCHES AND LARGER IN DIAMETER SHALL BE CEMENT LINED IRON PIPE. JOINTS SHALL BE EITHER PUSH-ON OR MECHANICAL. JOINTS SHALL BE THURST RESTRAINT OF THE PIPE SHALL BE THROUGH THE USE OF JOINT RESTRAINT. THURST BLOCKS ARE NOT ACCEPTABLE. JOINT RESTRAINT SHALL BE THROUGH THE USE OF MECHANICAL JOINT PIPE OR APPROVED EQUAL. THE USE OF A MANUFACTURED RESTRAINED JOINT PIPE IS ACCEPTABLE WITH PRIOR APPROVAL OF THE WATER DEPARTMENT.
4. ALL FITTINGS SHALL BE CAST IRON OR DUCTILE IRON, MECHANICAL JOINT, CLASS 250 AND CONFORM TO ANSI/AWWA C151 (42.53)-94 FOR DUCTILE IRON GASKET FITTINGS, OR ANSI/AWWA C153 (42.53)-94 FOR DUCTILE IRON GASKET FITTINGS.
5. ANSI/AWWA C509 SLIT BEHIND WATER RESTRAINED WEDGE GATE VALVES CONFORMING TO VALVES SHALL OPEN LEFT (COUNTERCLOCKWISE) 2860-23 OR APPROVED EQUAL. ALL GATE TAPPING SLEEVE SHALL BE MECHANICAL JOINT SUCH AS MUELLER H-615 OR EQUAL. TAPPING VALVES 4 TO 12 INCHES SHALL BE RESULTANT WEDGE GATE VALVES CONFORMING TO ANSI/AWWA C509 SUCH AS MUELLER MODEL T-2360-19 OR APPROVED EQUAL. ALL TAPPING SLEEVE AND VALVE MUST BE WITNESSED AND ACCEPTED BY THE T.O.N. WATER DEPARTMENT PRIOR TO CUTTING INTO THE PIPE.
7. ALL WATER SERVICE LINES TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING OR COPPERATION STOPS SHALL BE MUELLER H-1500 FOR 3/4 AND 1 INCH MUELLER H-1500 FOR 1 1/2 AND 2 INCH SIZES. CUBA VALVES SHALL BE MUELLER H-1500. MIELELLER H-10314 FOR 3/4 AND 1 INCH AND MUELLER H-10310 FOR 1 1/2 AND 2 INCH SIZES.
8. ALL PIPE INSTALLATION SHALL BE SUBJECT TO INSPECTION BY THE T.O.N. WATER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS AS REQUIRED WITH THE T.O.N. WATER DEPARTMENT.
9. THE WATER MAIN SHALL BE TESTED, DISCONNECTED AND FLUSHED IN ACCORDANCE WITH THE T.O.N. REQUIREMENTS. ALL TESTING, DISINFECTION AND FLUSHING SHALL BE COORDINATED WITH THE T.O.N. WATER DEPARTMENT. PRIOR TO PUTTING THE WATER MAIN IN SERVICE SATISFACTORY SANITARY RESULTS FROM A CERTIFIED LAB MUST BE SUBMITTED TO THE T.O.N. WATER DEPARTMENT. THE TEST SAMPLES MUST BE COLLECTED BY A REPRESENTATIVE OF THE TESTING LABORATORY AND WITNESSED BY THE WATER DEPARTMENT.

TOWN OF NEWBURGH CERTIFICATION:

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

REVISIONS

REL.	DATE	BY	DESCRIPTION
1	09/07/12	TRJ	REVISED PER PLANNING BOARD COMMENTS



LEGEND:

- PROPERTY LINE EXISTING TO BE REMOVED
- PROPERTY LINE PROPOSED
- PROPERTY LINE ADJOINING
- PROPOSED RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING CONTOURS (1')
- EXISTING CONTOURS (5')
- BUILDING EXISTING
- SEPTIC EXISTING
- WELL EXISTING
- RESIDENCE PROPOSED w/ DRIVEWAY (SINGLE FAMILY)
- SEPTIC FIELD PROPOSED
- CLEAN OUT
- DISTRIBUTION BOX
- LATERAL
- 50% RESERVE AREA
- SILT FENCE
- PROPOSED WATER LINE
- PROPOSED CONTOURS (1')
- PROPOSED CONTOURS (5')
- PROPOSED WATER VALUE
- LOT NUMBER

CALL BEFORE YOU DIG... IT'S THE LAW

WHETHER YOU'RE LAYING A FOUNDATION FOR A BUILDING OR PLANTING A TREE, YOU MUST FIRST CHECK FOR THE EXISTENCE OF UNDERGROUND UTILITY LINES AND CABLES. IF YOU OR YOUR CONTRACTOR DISRUPT ANY OF THESE LINES, THE RESULTS CAN BE DANGEROUS - AND COSTLY - TO EVERYONE. CALL BEFORE YOU DIG, TOLL FREE, 1.800.272-4480 (IN NEW YORK CITY AND LONG ISLAND) OR 1.800.928-2922 (IN ALL OTHER AREAS OF THE STATE).

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:
- *APPROX 75-4" WASTE TREATMENT - INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE.
 - *WASTE TREATMENT HANDBOOK, 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, POLICES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND TREATMENT AND WATER SUPPLY FACILITIES.
- ALL WELLS AND S.O.S. EXISTING OR APPROVED WITHIN 200' OF THE PROPOSED WELLS AND S.O.S. ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE S.O.S. AND WELL. THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE S.O.S. AND WELL ENGINEER THAT THE SEPTIC TANK IS SEALED AND WATER TIGHT AND ACCEPTABLE 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.
- INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED FOR HOUSEHOLD PURPOSES WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWER SYSTEM IS REQUIRED WITHIN 1 YEAR OF AVAILABILITY.

THIS SHEET IS VOID IF NOT ACCOMPANIED BY ALL SHEETS IN SET.

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ENGINEER	DATE	SCALE	SHEET NUMBER
2 LOT SUBDIVISION & LOT LOVE CHANGE ENTITLED "POTTER'S RIDGE (SBL. 26-6-20 & 23) TOWN OF NEWBURGH, COUNTY OF ORANGE, NY	08/13/12	1"=30'	2 OF 3