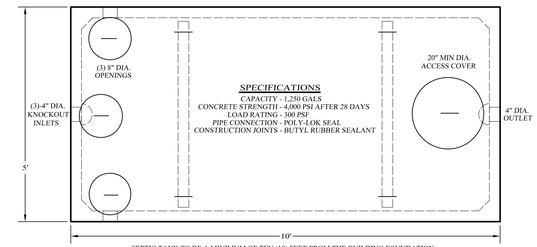
SOIL TEST RESULTS & SEPTIC SYSTEM DESIGN

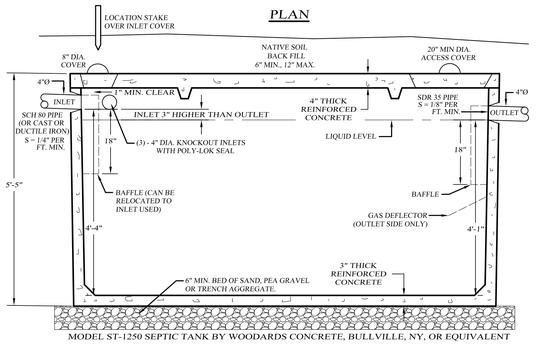
LOT #	DEEP TEST PIT #1 RESULTS	DEEP TEST PIT #2 RESULTS	DEEP TEST PIT #3 J.S.I. RESULTS	STAB. PERC	SEPTIC SYSTEM DESIGN
1	00" - 01" TOPSOIL 01" - 82" SAND W/SILT NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 01" TOPSOIL 01" - 94" SAND W/SILT NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 06" TOPSOIL 06" - 96" SAND NO SEEPAGE NO BEDROCK NO MOTTLING	PT1: 2 MIN. DEPTH: 24" PT2: 4 MIN. DEPTH: 24"	1,250 GAL. SEPTIC TANK 4 BEDROOMS MAX.@ 4 ROWS OF 8 UNITS 32 LF PER ROW 128 LF TOTAL
2	00" - 01" TOPSOIL 01" - 89" SAND W/SILT FEW COBBLES NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 01" TOPSOIL 01" - 89" SANDY SILT LOAM NO SEEPAGE NO BEDROCK NO MOTTLING		PT1: 2 MIN. DEPTH: 24" PT2: 3 MIN. DEPTH: 24" PT3: 3 MIN. DEPTH: 24"	1,250 GAL. SEPTIC TANK 4 BEDROOMS MAX.@ 3 ROWS OF 10 UNITS 40 LF PER ROW 120 LF TOTAL
3	00" - 02" TOPSOIL 02" - 78" SILT LOAM W/SAND & GRAVEL W/POCKETS OF SAND & FEW COBBLES NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 02" TOPSOIL 02" - 88" SAND GRAVELY SILT LOAM LOAM W/POCKETS OF SAND & FEW COBBLES NO SEEPAGE NO BEDROCK NO MOTTLING		PT1: 5 MIN. DEPTH: 24" PT2: 7 MIN. DEPTH: 24"	1,250 GAL. SEPTIC TANK 4 BEDROOMS MAX.@ 4 ROWS OF 8 UNITS 32 LF PER ROW 128 LF TOTAL
4	00" - 02" TOPSOIL 02" - 18" SILT LOAM 18" - 88" SAND & GRAVEL W/SILT & COBBLES NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 02" TOPSOIL 02" - 82" SAND & GRAVELY SILT LOAM W/MANY COBBLES & FEW BOULDERS NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 04" TOPSOIL 04" - 96" SAND W/ SILT GRAVEL NO SEEPAGE NO BEDROCK NO MOTTLING	PT1: 4 MIN. DEPTH: 24" PT2: 5 MIN. DEPTH: 24"	1,250 GAL. SEPTIC TANK 4 BEDROOMS MAX.@ 4 ROWS OF 8 UNITS 32 LF PER ROW 128 LF TOTAL
5	00" - 02" TOPSOIL 02" - 88" SAND & GRAVELY SILT LOAM W/COBBLES NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 02" TOPSOIL 02" - 82" SILT LOAM W/SAND GRAVEL FEW COBBLES & BOULDERS NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 04" TOPSOIL 04" - 96" SILT W/ SAND & GRAVEL NO SEEPAGE NO BEDROCK NO MOTTLING	PT1: 2 MIN. DEPTH: 24" PT1: 2 MIN. DEPTH: 24"	1,250 GAL. SEPTIC TANK 4 BEDROOMS MAX.@ 4 ROWS OF 8 UNITS 32 LF PER ROW 128 LF TOTAL
6	00" - 01" TOPSOIL 01" - 30" SAND W/SILT 30" - 88" SAND AND GRAVEL W/SILT NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 01" TOPSOIL 01" - 30" SILTY SAND 30" - 82" SAND W/SILT NO SEEPAGE NO BEDROCK NO MOTTLING		PT1: 8 MIN. DEPTH: 24" PT2: 9 MIN. DEPTH: 24" PT3: 3 MIN. DEPTH: 24"	1,250 GAL. SEPTIC TANK 4 BEDROOMS MAX.@ 4 ROWS OF 10 UNITS 40 LF PER ROW 160 LF TOTAL
7	00" - 02" TOPSOIL 02" - 18" SAND & GRAVEL W/SILT 18" - 88" SAND AND GRAVEL SEEPAGE @ 60" NO BEDROCK NO MOTTLING	00" - 02" TOPSOIL 02" - 12" SILT LOAM W/SAND 12" - 88" SAND AND GRAVEL W/SILT SEEPAGE @ 78" NO BEDROCK NO MOTTLING		PT1: 16 MIN. DEPTH: 24" PT1: 13 MIN. DEPTH: 24"	1,250 GAL. SEPTIC TANK 4 BEDROOMS MAX.@ 6 ROWS OF 7 UNITS 28 LF PER ROW 168 LF TOTAL
8	00" - 02" TOPSOIL 02" - 12" SAND W/SILT 12" - 88" SAND AND GRAVEL W/SILT NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 02" TOPSOIL 02" - 18" SAND W/SILT 18" - 86" SAND AND GRAVEL W/SILT NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 04" TOPSOIL 04" - 96" SAND W/ GRAVEL AND COBBLES NO SEEPAGE NO BEDROCK NO MOTTLING	PT2: 4 MIN. DEPTH: 24" PT2: 10 MIN. DEPTH: 24"	1,250 GAL. SEPTIC TANK 4 BEDROOMS MAX.@ 4 ROWS OF 10 UNITS 40 LF PER ROW 160 LF TOTAL
9	00" - 02" TOPSOIL 02" - 88" SAND AND GRAVEL W/SILT NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 02" TOPSOIL 02" - 88" SAND AND GRAVELY SILT LOAM W / COBBLES & FEW BOULDERS NO SEEPAGE NO BEDROCK NO MOTTLING		PT1: 2 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24" PT3: 10 MIN. DEPTH: 24"	1,250 GAL. SEPTIC TANK 4 BEDROOMS MAX.@ 4 ROWS OF 8 UNITS 32 LF PER ROW 128 LF TOTAL
10	00" - 03" TOPSOIL 04" - 88" SAND W/SILT NO SEEPAGE NO BEDROCK NO MOTTLING	00" - 03" TOPSOIL 03" - 18" SILT LOAM W/COBBLES 18" - 88" SAND W/SILT NO SEEPAGE NO BEDROCK MOTTLING @ 18"		PT1: 3 MIN. DEPTH: 24" PT2: 4 MIN. DEPTH: 24" PT3: 7 MIN. DEPTH: 24"	1,250 GAL. SEPTIC TANK 4 BEDROOMS MAX.@ 4 ROWS OF 8 UNITS 32 LF PER ROW 128 LF TOTAL

NOTES:

1. PERCOLATION TESTS PERFORMED BY KIRK ROTHER, P.E., PLLC ON JAN. 06, 2006, NOV. 28, 2011, FEB. 10, 2012, DEC. 12, 2012, APRIL 9, 2013 AND MAY 7, 2013.
2. DEEP TEST PITS TP1 & TP2 PERFORMED BY KIRK ROTHER, P.E., PLLC ON MAY 07, 2013.
3. PERCOLATION TESTS #3 PERFORMED BY KIRK ROTHER, P.E., PLLC ON OCT. 30, 2015 AND WITNESSED BY THE ORANGE COUTNYU HELATH DEPARTMENT.
4. DEEP TEST PITS TP3 PERFORMED BY KIRK ROTHER, P.E., PLLC ON OCT. 30, 2015 AND WITNESSED BY THE ORANGE COUTNYU HELATH DEPARTMENT.
5. ALL SEPTIC SYSTEMS HAVE BEEN DESIGNED FOR A FOUR BEDROOM DWELLING WITH A DAILY FLOW OF 440 GPD PLUS 25 GPD FOR WATER SOFTENER BACKWASH.



SEPTIC TANK TO BE A MINIMUM OF TEN (10) FEET FROM THE BUILDING FOUNDATION.

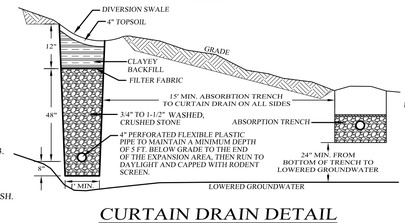


MODEL ST-1250 SEPTIC TANK BY WOODARDS CONCRETE, BULLVILLE, NY, OR EQUIVALENT

SECTION

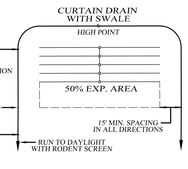
SEPTIC TANK DETAIL

NOT TO SCALE



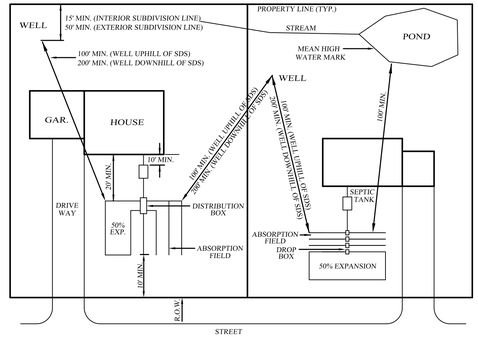
CURTAIN DRAIN DETAIL

NOT TO SCALE (LOT 10 ONLY)



CURTAIN DRAIN SCHEMATIC

NOT TO SCALE (LOT 10 ONLY)



TYPICAL SEPARATION DISTANCE REQUIREMENTS

NOT TO SCALE (SEE ADDITIONAL REQUIREMENTS IN TABLE BELOW)

REQUIRED SEPARATION DISTANCE FROM WASTEWATER SYSTEM COMPONENTS

SYSTEM COMPONENTS	WELL (I) OR SUCTION LINE	TO STREAM,LAKE WATERCOURSE (B), OR WETLAND	DWELLING	PROPERTY LINE	DRAINAGE DITCH (b),(g)	MIN. SLOPE
HOUSE SEWER (WATERTIGHT JOINTS)	25' IF CAST IRON OR PVC WITH O-RING JOINTS, 50' OTHERWISE	25'	3'	10'	-	1/4" / FT.
SEPTIC TANK	50'	50'	10'	10'	10'	-
EFFLUENT LINE TO DISTRIBUTION BOX.	50'	50'	10'	10'	10'	1/8" / FT.
DISTRIBUTION BOX	100'	100'	20'	10'	50'	-
ABSORPTION FIELD	100' (a)	100'	20'	10'	50'	1/16"-1/32"/ FT.

NOTES:

(A) WHEN SEWAGE TREATMENT SYSTEMS ARE LOCATED IN COARSE GRAVEL OR UPGRADE AND IN THE GENERAL PATH OF DRAINAGE TO A WELL, THE CLOSEST PART OF THE TREATMENT SYSTEM SHALL BE AT LEAST 200 FT. AWAY FROM THE WELL.
(B) MEAN HIGH WATER MARK.
(C) FOR ALL SYSTEMS INVOLVING THE PLACEMENT OF FILL MATERIAL, SEPARATION DISTANCES ARE MEASURED FROM THE TOE OF THE SLOPE OF THE FILL.
(D) ANY WATER SERVICE LINE UNDER PRESSURE (i.e., PUBLIC WATER SUPPLY MAIN, HOUSEHOLD SERVICE LINE, WELL TO HOUSEHOLD SERVICE LINE) LOCATED WITHIN TEN FT. OF ANY ABSORPTION FIELD, SEEPAGE PIT OR SANITARY PRIVY SHALL BE INSTALLED INSIDE A LARGER DIAMETER WATER MAIN TO PROTECT THE POTABLE WATER SUPPLY.
(E) ANY WATER SERVICE LINE UNDER PRESSURE (i.e., PUBLIC WATER SUPPLY MAIN, HOUSEHOLD SERVICE LINE, WELL TO HOUSEHOLD SERVICE LINE) CROSSING A SEWER SHALL BE INSTALLED WITH ONE FULL LENGTH OF WATER MAIN CENTERED ABOVE THE SEWER SO BOTH WATER CONNECTING JOINTS ARE AS FAR AS POSSIBLE FROM THE SEWER. SECTION 8.6 OF THE G.L.U.M.R.B. RECOMMENDED STANDARDS FOR WATER WORKDS, SHALL BE FOLLOWED FOR SEPARATION OF WATER MAINS, SANITARY SEWERS AND STORM SEWERS.
(F) THE MINIMUM SEPARATION DISTANCE BETWEEN A SEPTIC TANK AND A COMMUNITY TYPE PUBLIC WATER SUPPLY WELL SHOULD BE AT LEAST 100 FT. DISTRIBUTION BOXES AND ABSORPTION FACILITIES (e.g., ABSORPTION TRENCHES/BEDS, SEEPAGE PITS, RAISED SYSTEMS, MOUND SYSTEMS, etc.) SHOULD BE LOCATED AT LEAST 200 FT. FROM COMMUNITY TYPE PUBLIC WATER SUPPLY WELS.
(G) RECOMMENDED SEPARATION DISTANCES.

ORANGE COUNTY D.O.H. REVISIONS AND ADDITIONS AS OF 10/2003

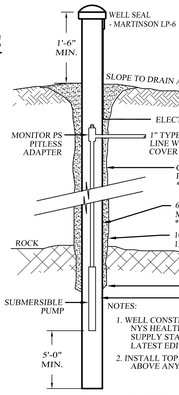
1. SEPARATION: WELL TO SWALE, STREAM OR WATERCOURSE - 25'.
2. SEPARATION; ABSORPTION FIELD TO OPEN DRAINAGE, CULVERT, STORM SEWER OR CATCH BASIN - 50'.
3. SEPARATION: ABSORPTION FIELD TO CULVERT OR STORM SEWER (WITH GASKETED,TIGHIT PIPE) -35'.
4. SEPARATION: ABSORPTION FIELD TO CURTAIN DRAIN - 15'.
5. SEPARATION: ABSORPTION FIELD, PITS, EXPANSION AREA, TO TOP OF EMBANKMENT OR STEEP (ION 3) SLOPE - 25'.
6. SEPARATION: WELL TO CEMETERY PROPERTY LINE - 100'.
7. DRAINAGE PIPES WITHIN 25' OF ANY WELL MUST BE WATERTIGHT.

SEPTIC SYSTEM NOTES

1. SEPTIC SYSTEMS ARE DESIGNED TO CONFORM TO THE MINIMUM REQUIREMENTS SET FORTH BY N.Y.S. DEPARTMENT OF HEALTH APPENDIX 75A STANDARDS.
2. A NEW YORK STATE PROFESSIONAL ENGINEER (OR OTHER DESIGN PROFESSIONAL AS ALLOWED BY THE NYS EDUCATION DEPT.) SHALL INSPECT THE SANITARY FACILIITES (WATER SUPPLY, ANY WATER TREATMENT, AND SEWAGE DISPOSAL FACILITIES) AT THE TIME OF CONSTRUCTION, PRIOR TO OCCUPANCY OF THE DWELLING, TH ENGINEER SHALL CERTIFY TO THE ORANGE COUNTY DEPARTMENT OF HEALTH AND THE LOCAL CODE ENFORCEMENT OFFICER THAT THE FACILITIES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ANY SEPTIC TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS. A COPY OF THE NYSDEC WELL COMPLETION REPORT MUST ALSO BE PROVIDED.
3. THE DESIGN AND LOCATION OF WELLS AND SEPTICS SHALL NOT BE CHANGED.
4. THE SEPTIC DESIGN IS BASED ON THE SLOWEST PERCOLATION RATE IN THE AREA OF THE PROPOSED SYSTEM.
5. ABSORPTION LINES USED WITH PRESSURE DISTRIBUTION OR DOSING SHALL NOT EXCEED 100 FEET IN LENGTH.
6. ABSORPTION LINES USED WITH GRAVITY DISTRIBUTION SHALL NOT EXCEED 60 FEET IN LENGTH.
7. SEWER RUNS SHALL NOT EXCEED 75' BETWEEN POINTS OF CLEAN OUT. AT LEAST ONE CLEAN OUT IS REQUIRED AND BENDS SHALL BE AVOIDED. IF BENDS MUST BE INSTALLED, A CLEAN OUT SHALL BE INSTALLED AT EACH BEND.
8. SEPTIC FIELDS SHALL NOT BE CONSTRUCTED IN WET SOILS.
9. TRENCHES SHALL BE INSTALLED PARALLEL TO CONTOURS. TRENCHES SHALL BE INSTALLED AS SHALLOW AS POSSIBLE WHILE STILL CONFORMING TO THE DIMENSIONAL REQUIREMENTS SHOWN IN THE CONSTRUCTION DETAILS. SIDES AND BOTTOM OF ABSORPTION LINE TRENCHES SHALL BE RAKED IMMEDIATELY PRIOR TO PLACING THE SAND.
10. THE ENDS OF ALL DISTRIBUTION PIPES SHALL BE CAPPED.
11. REGRADING IS NOT PERMITTED IN THE AREA OF THE ABSORPTION FIELD.
12. 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.
13. DRIVEWAYS, SWIMMING POOLS OR OTHER STRUCTURES WHICH CAN COMPACT THE SOIL SHALL NOT BE LOCATED OVER ANY PORTION OF THE ABSORPTION FIELD.
14. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE TILE FIELD EXCEPT FOR THE ACTUAL CONSTRUCTION OF THE FIELD. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE AREA OF THE PROPOSED FIELD BEFORE, DURING AND AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF THE ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.
15. THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, OR "JACUZZI" TYPE SPA TUBS OVER 100 GALLONS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SDS IS REDESIGNED TO ACCOUNT FOR THEM AND REAPPROVED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH.
16. LAUNDRY WASTE SHALL DISCHARGE INTO THE SEPTIC SYSTEM.
17. ROOF, CELLAR AND CURTAIN DRAINS SHALL NOT BE DISCHARGED INTO THE SEPTIC SYSTEM OR IN THE VICINITY OF THE TILE FIELD. FOOTING AND CURTAIN DRAINS SHALL RUN TO DAYLIGHT AND BE EQUIPPED WITH RODENT SCREENS.
18. TOILETS OR SINKS IN THE BASEMENTS MAY REQUIRE SPECIAL DESIGN AND APPROVAL.
19. SEPTIC TANKS SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS.
20. DISTRIBUTION BOXES / DROP BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY.
21. PUMP STATIONS / DOSING CHAMBERS SHOULD BE INSPECTED PERIODICALLY BY A PROPERLY TRAINED PERSON FOR PROPER OPERATION, INCLUDING HIGH WATER ALRMS, VENTING AND ANY PHYSICAL DAMAGE.

WATER SYSTEM NOTES

1. WELL CONSTRUCTION SHALL CONFORM TO THE MINIMUM STANDARDS SET FORTH BY THE N.Y.S. DEPARTMENT OF HEALTH FOR RURAL WATER SUPPLY.
2. SOFTENING OF HARD WATER SHOULD BE CONSIDERED ONLY IF EXCESSIVEHARDNESS IS FOUND. (GREATER THAN 150 MG/L).
3. THE LOCATION OF WELLS AND SEPTIC FIELDS SHALL NOT BE CHANGED.
4. FOOTING DRAINS WITHIN 25 FEET OF A WELL SHALL BE WATERTIGHT.
5. WELLS MUST BE INSTALLED AT LEAST 100 FEET FROM ALL SEPTIC SYSTEMS AND 200 FEET FROM ANY SEPTIC SYSTEM WHICH IS UPHILL FROM THE WELL.
6. A MINIMUM OF 50' CASING & GROUT SHALL BE PROVIDED UNLESS DOCUMENTED BY THE NYS LISCENSED WELL DRILLER AT THE TIME OF DRILLING THAT THE HIGHEST WATER BEARING FEATURE ENCOUNTERED IS AT A MIN. DEPTH OF 50' BELOW GROUND LEVEL.
7. WELL CASING ABOVE GRADE SHALL BE A MINIMUM OF 24"ABROVE THE 100 YEAR FLOOD LEVEL.



NOTES:

1. WELL CONSTRUCTION TO CONFORM TO NYS HEALTH DEPARTMENT RURAL WATER SUPPLY STANDARDS AND AWWA A100, LATEST EDITIONS. MINIMUM YIELD 5 GPM
2. INSTALL TOP OF CASING MINIMUM 24" ABOVE ANY FLOOD LEVEL.

WELL DETAIL

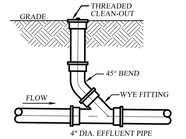
NOT TO SCALE

NOTES:

1. THE ANTICIPATED WELL DEPTH IS 500 FEET BASED ON THE WELL LOG FOR LOT #10.
2. THE ANTICIPATED OVERBURDEN IS APPROXIMATILY 52' BASED ON THE WELL LOG FOR LOT #10.
3. A MINIMUM OF 50' CASING & GROUT SHALL BE PROVIDED UNLESS DOCUMENTED BY THE NYS LISCENSED WELL DRILLER AT THE TIME OF DRILLING THAT THE HIGHEST WATER BEARING FEATURE ENCOUNTERED IS AT A MIN. DEPTH OF 50' BELOW GROUND LEVEL.

SEWER CLEAN-OUT DETAIL

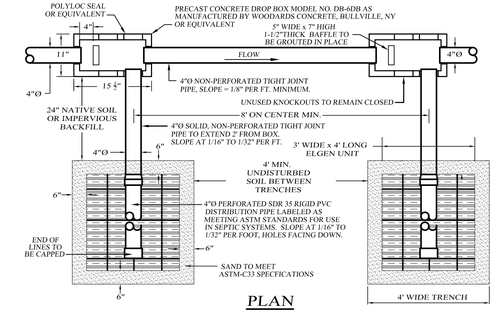
NOT TO SCALE



NOTES:

1. THE MAXIMUM DISTANCE BETWEEN POINTS OF POSSIBLE CLEAN-OUT SHALL BE 75 FEET.
2. BENDS SHALL BE AVOIDED IF POSSIBLE, HOWEVER, IF BENDS ARE REQUIRED, A CLEAN-OUT SHALL BE INSTALLED AT EACH SUCH BEND.

TOWN OF BLOOMING GROVE APPROVAL



PLAN

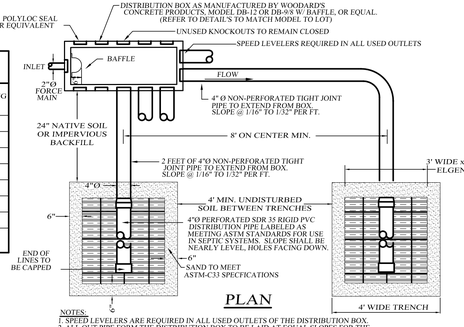
TYPICAL SECTION ELJEN IN-DRAIN SYSTEM

NOT TO SCALE

WITH DROP BOX

(LOTS 3, 4, 10)

ASTM C33 SAND SPECIFICATION		
SIEVE SIZE	SIEVE SQUARE OPENING SIZE	SPECIFICATION PERCENT PASSING (WET SIEVE)
0.375"	9.5 mm	100.0 - 100.0
NO. 4	4.75 mm	95.0- - 100.0
NO. 8	2.36 mm	80.0 - 100.0
NO. 16	1.18 mm	50.0 - 85.0
NO. 30	600 mm	25.0 - 60.0
NO. 50	300 mm	5.0 - 30.0
NO. 100	150 mm	< 10.0
NO. 200	75 mm	< 5.0



PLAN

NOTES:

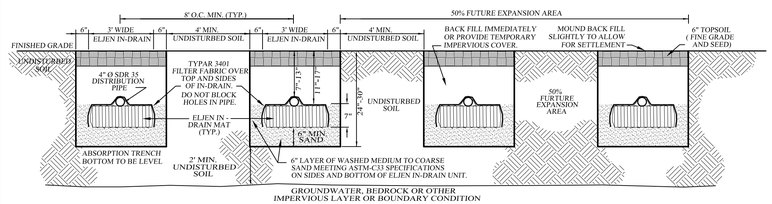
1. SPEED LEVELERS ARE REQUIRED IN ALL USED OUTLETS OF THE DISTRIBUTION BOX.
2. ALL OUT PIPE FORM THE DISTRIBUTION BOX TO BE LAID AT EQUAL SLOPES FOR THE FIRST 10 FEET.

TYPICAL ELJEN IN-DRAIN SYSTEM PLAN

NOT TO SCALE

WITH DISTRIBUTION BOX

(LOTS 1, 2, 5, 6, 7, 8, 9)

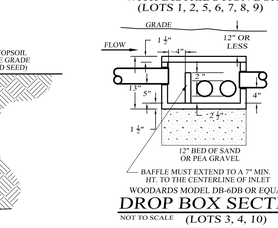


CONSTRUCTION SPECIFICATIONS:

1. TRENCH BOTTOMS SHALL BE LEVEL. TRENCHES SHALL BE PARALLEL TO GROUND CONTOURS.
2. ON SLOPED SITES, A DIVERSION SWALE SHALL BE CONSTRUCTED UPHILL OF THE SEPTIC FIELD TO PREVENT SURFACE WATER RUNOFF ONTO THE SEPTIC FIELD.
3. SAND SHALL ADHERE TO THE ASTM-C33 SAND SPECFICATIONS AS REQUIRED.
4. SEE SEPTIC SYSTEM NOTES FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.
5. SEE ELJEN IN-DRAIN DESIGN AND INSTALLATION MANUAL FOR ADDITIONAL DETAILS.
6. ELJEN IN-DRAIN AVAILABLE IN NEW YORK STATE THROUGH RYCO ASSOCIATES, TROY, NY, 888-490-2989.

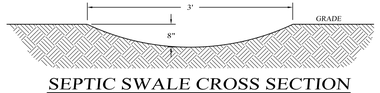
TYPICAL ELJEN TYPE TRENCH CROSS SECTION

NOT TO SCALE



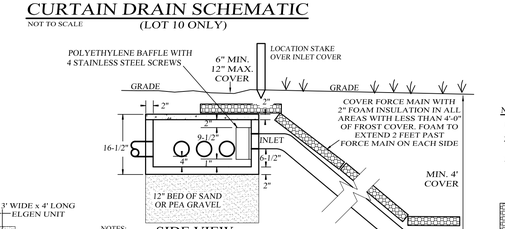
DROP BOX SECTION

NOT TO SCALE (LOTS 3, 4, 10)



SEPTIC SWALE CROSS SECTION

NOT TO SCALE



SIDE VIEW

NOTES:

1. 8 OULET DISTRIBUTION BOX AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, MODEL DB-9/8, OR EQUAL.
2. UNUSED OUTLETS SHALL REMAIN PLUGGED.
3. INVERT ELEVATIONS OF ALL OUTLET PIPES SHALL BE EQUAL.
4. FLOW EQUALIZERS (SPEED LEVELERS) ARE REQUIRED IN ALL USED OUTLETS. BOX SHALL BE FILLED WITH WATER AND LEVELERS SET PRIOR TO INSPECTION AND BACK-FILL.
5. THE OUTLETS FOR THE DISTRIBUTION BOX MUST BE USED