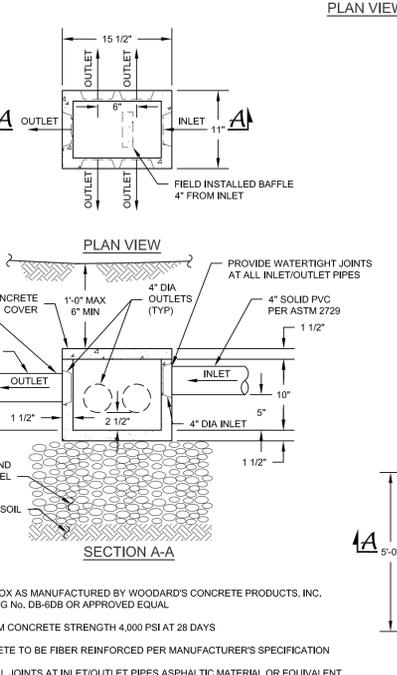


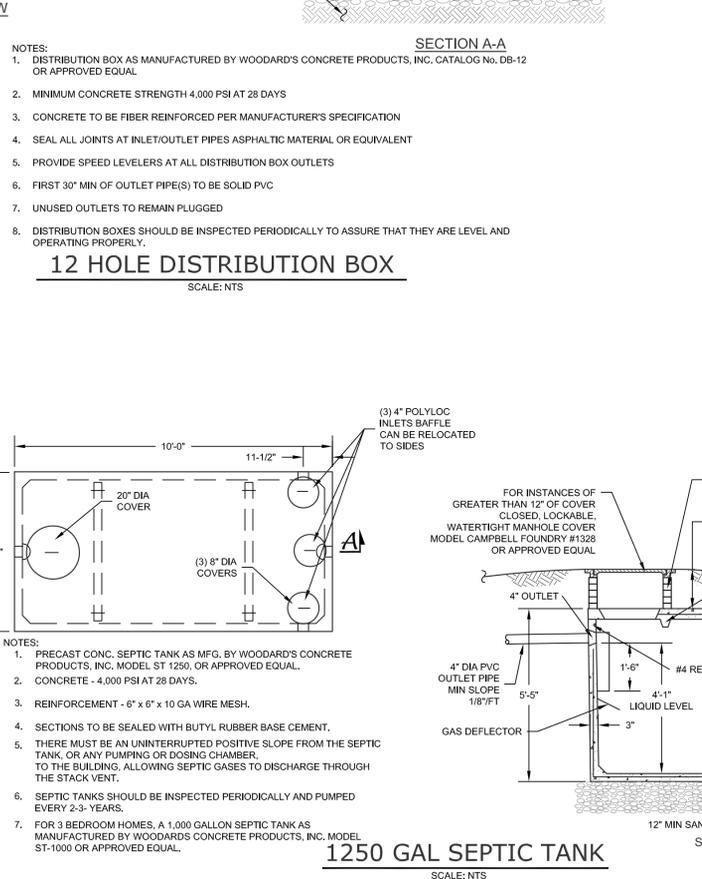
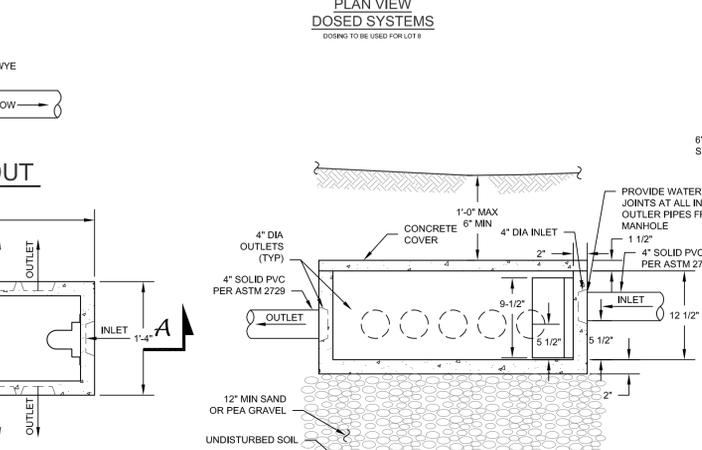
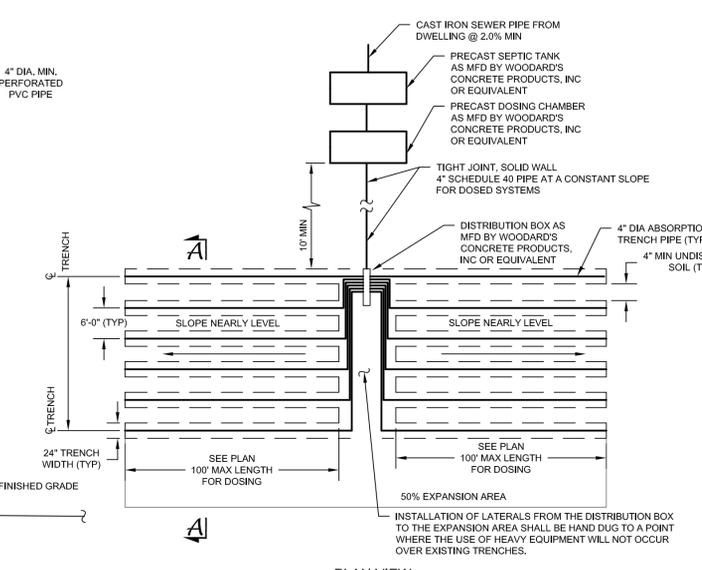
NOTES:

- SEPTIC TANK TO BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM THE HOUSE.
- THERE SHALL BE NO REGRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION FIELDS.
- GARBAGE GRINDERS JACUZZI TYPE SPA TUBS OVER 100 GALLONS ARE NOT PERMITTED WITHOUT THE SYSTEM BEING REDESIGNED AND REAPPROVED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH.
- CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN THE VICINITY OF THE TILE FIELDS OR WELLS.
- SWIMMING POOLS, DRIVEWAYS AND/OR STRUCTURES THAT MAY COMPACT THE SOIL ARE NOT TO BE CONSTRUCTED OVER TILE FIELDS.
- ASPHALTIC SEALS SHALL BE MAINTAINED BETWEEN THE SEPTIC TANK, AND ALL PIPES AND COVERS.
- NO TRENCHES TO BE INSTALLED IN WET SOIL.
- RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL IN ABSORPTION TRENCH.
- GROUT ALL PIPE PENETRATIONS INTO AND OUT OF ANY DISTRIBUTION OR DROP BOX.
- ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION "INDIVIDUAL RESIDENTIAL WASTEWATER TREATMENT SYSTEMS, DESIGN HANDBOOK", LATEST EDITION.
- AND APPENDIX 75-A OF THE NEW YORK STATE DEPARTMENT OF HEALTH.
- ABSORPTION TRENCH PIPE TO BE CAPPED AT END.
- ABSORPTION SYSTEM TO BE LOCATED A MINIMUM DISTANCE OF 20 FEET FROM ANY DWELLING UNIT.
- SEPTIC TANK JOINTS MUST BE SEALED AND TESTED FOR WATERTIGHTNESS.
- PROVIDE 30' OF SOLID PIPE PRIOR TO START OF PERFORATED ABSORPTION PIPE AND BE BACKFILLED WITH NATIVE MATERIAL.
- THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE DISTRIBUTION BOX, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
- DROP BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY.
- 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. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNDESIRED COMPACTION THAT COULD RESULT IN A CHANGE OF ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.

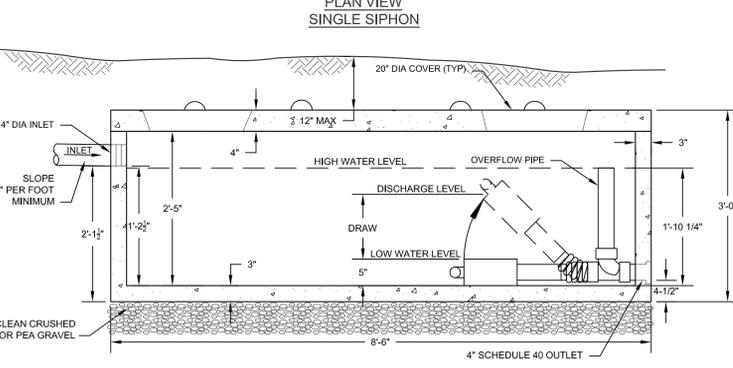
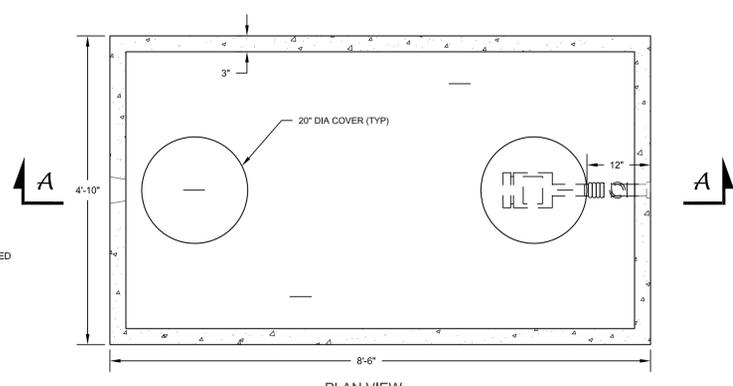


ABSORPTION TILE FIELD OVERALL PLAN

6 HOLE DROP DISTRIBUTION BOX
SCALE: N.T.S.



1250 GAL SEPTIC TANK
SCALE: N.T.S.



NOTES:

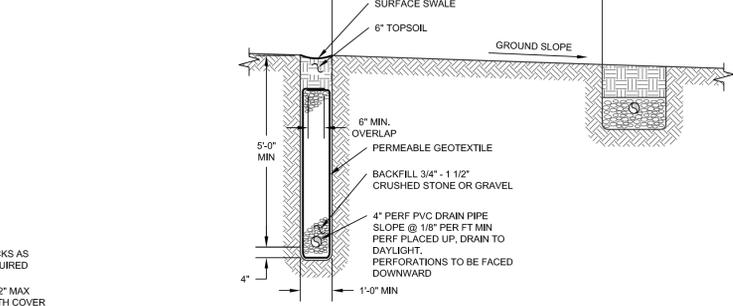
- SIPHON CHAMBER AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC. CATALOG MODEL SC-5X9 OR APPROVED EQUAL.
- SIPHONS AS MANUFACTURED BY RISSY PRODUCTS OR APPROVED EQUAL.
- MINIMUM CONCRETE STRENGTH 4,000 PSI AT 28 DAYS.
- CONCRETE TO BE FIBER REINFORCED PER MANUFACTURER'S SPECIFICATION.
- SEAL ALL JOINTS AT INLET/OUTLET PIPES ASPHALTIC MATERIAL OR EQUIVALENT.
- THERE SHALL BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE DOSING CHAMBER TO THE SEPTIC TANK ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.

RISSY PLASTICS "FLOUT" SIPHONS

MODEL #	13"
PIPE SIZE (IN)	4
SIPHONS	1
DRAW (IN)	13
DOSE (GAL)	280
RATE (GAL/MIN)	72
INVERT IN TO INVERT OUT	21"

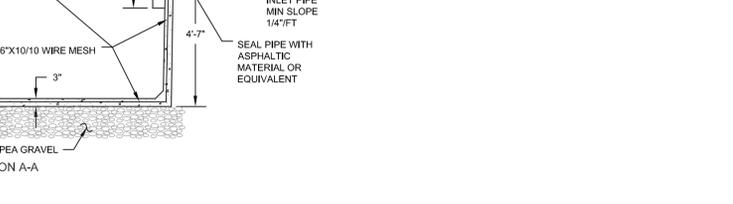
DOSING VOLUME CALCULATIONS:

540 LF x (3.14) / 3337/4 = 47.0 CF x 7.48 GAL/CF = 352 GALLONS
 TRY 13" DRAW DUAL SIPHON / 280 GALLON DOSE
 280 GAL / 352 GAL = 80% (OK)
 USE 13" DRAW SINGLE SIPHON / 280 GALLON DOSE



NOTES:

- TRANSITION OF PERFORATED PIPE TO SOLID PIPE SHALL OCCUR AT THE LOCATIONS AS SHOWN ON THE PLANS, MORE SPECIFICALLY AT AN ELEVATION BELOW THAT OF THE LAST LATERAL OF THE SEPTIC SYSTEM.
- PROVIDE RODENT SCREENS AT PIPE DAYLIGHT LOCATION.



CURTAIN DRAIN
SCALE: 3/8"=1'-0"

TOWN OF WAWAYANDA - APPROVAL BOX

No.	DATE	DESCRIPTION
1	07/12/16	REVISED PER ENGINEER COMMENTS 01/27/16
2	08/30/16	REVISED PER ENGINEER COMMENTS 07/27/16

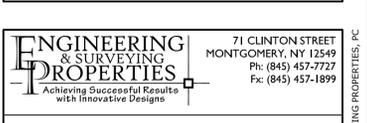
DRAWING STATUS

THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	ISSUE DATE: 08/30/16	SHEET NUMBER
<input type="checkbox"/> CONCEPT APPROVAL	N/A	OF N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	8	OF 10
<input type="checkbox"/> OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF N/A
<input type="checkbox"/> OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A	OF N/A
<input type="checkbox"/> NYSOTR APPROVAL	N/A	OF N/A
<input type="checkbox"/> OTHER	N/A	OF N/A
<input type="checkbox"/> FOR BID	N/A	OF N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A	OF N/A

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NEW YORK LICENSE # 080023



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DETAILS

RIDGEBURY FARMS SUBDIVISION
GUINEA HILL ROAD
TOWN OF WAWAYANDA
ORANGE COUNTY, NEW YORK

JOB #:	990_02	DRAWN BY:	ML
DATE:	11/17/15	SCALE:	AS NOTED
REVISION:	2 - 08/30/16	TAX LOT:	21-1-2.15

C-301

