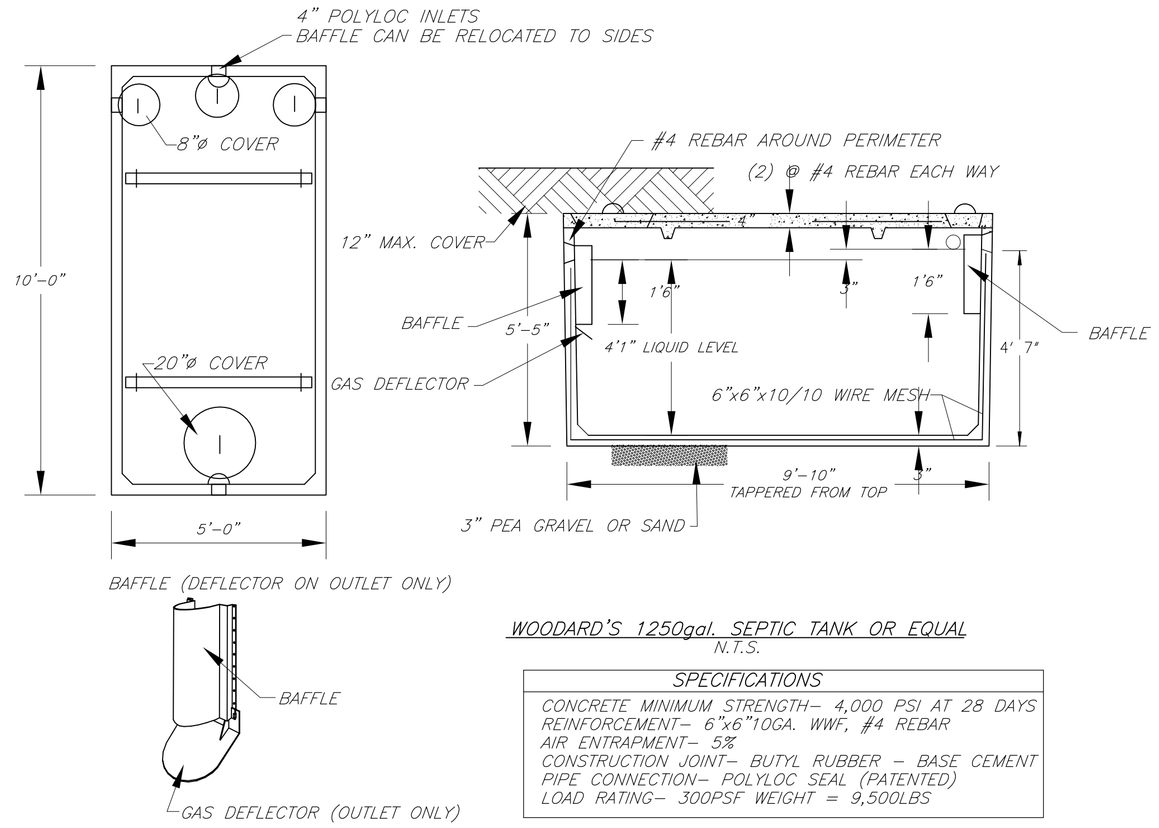
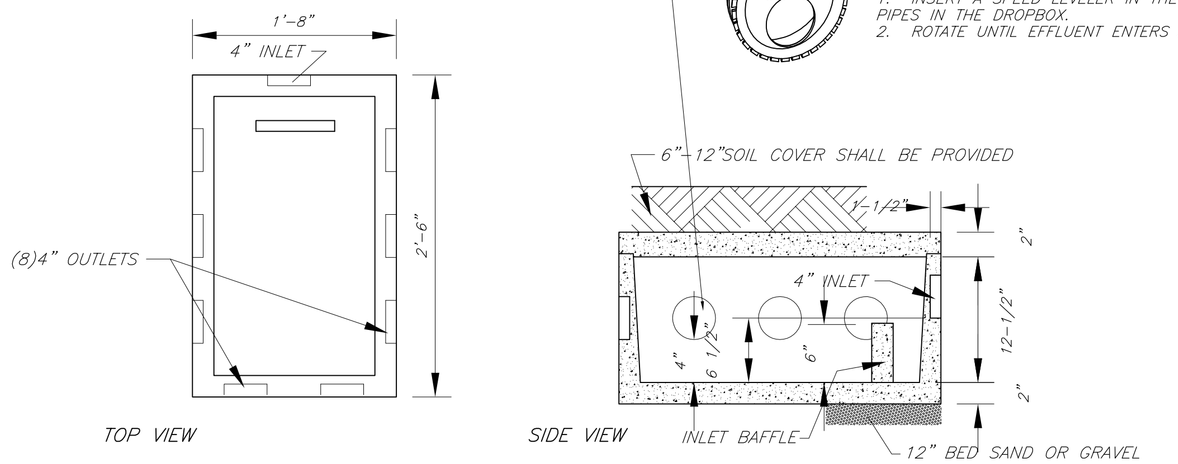


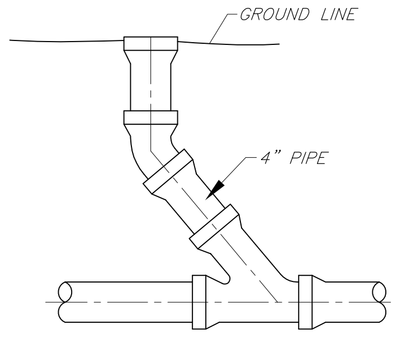
WOODARD'S 1250gal. SEPTIC TANK OR EQUAL
N.T.S.

SPECIFICATIONS
CONCRETE MINIMUM STRENGTH– 4,000 PSI AT 28 DAYS REINFORCEMENT– 6"x6"10GA. WWF, #4 REBAR AIR ENTRAPMENT– 5% CONSTRUCTION JOINT– BUTYL RUBBER – BASE CEMENT PIPE CONNECTION– POLYLOC SEAL (PATENTED) LOAD RATING– 300PSF WEIGHT = 9,500LBS



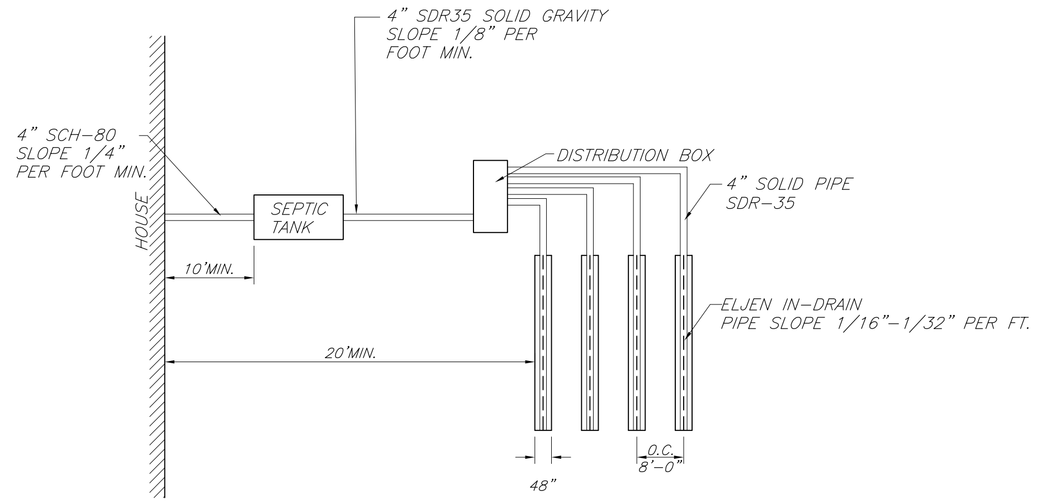
WOODARD'S PRECAST 8 OUTLET DISTRIBUTION BOX
N.T.S.

SPECIFICATIONS
CONCRETE MINIMUM STRENGTH– 4,000 PSI AT 28 DAYS REINFORCEMENT– FIBER AIR ENTRAPMENT– 5% PIPE CONNECTION: POLYLOK SEAL (PATENTED) LOAD RATING– 300 PSF WEIGHT= 290 lbs



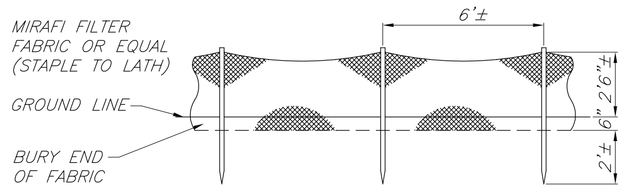
CLEANOUT DETAIL
N.T.S.

TO BE INSTALLED BEFORE BEND AT ALL BEND LOCATIONS AND AT EVER 75' OF STRAIGHT PIPE. (DO NOT USED WITH PUMP CHAMBER)



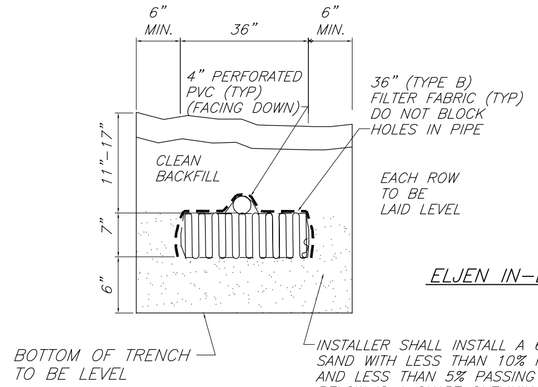
TYPICAL PLAN VIEW
N.T.S

NOTE:
SILT FENCE IS TO BE INSTALLED PRIOR TO ANY CONSTRUCTION AND SHALL BE CHECKED AFTER EVERY RAIN STORM. SILT FENCES ARE TO BE REPLACED AS NECESSARY DUE TO DAMAGE OR WHEN FILLED WITH SILT. SILT TO BE REMOVED IN FRONT OF FENCES REGULARLY TO PREVENT EXCESSIVE SOIL BEARING WEIGHT ON THE FENCES AND FENCE POSTS.



SILT FENCE DETAIL
N.T.S.

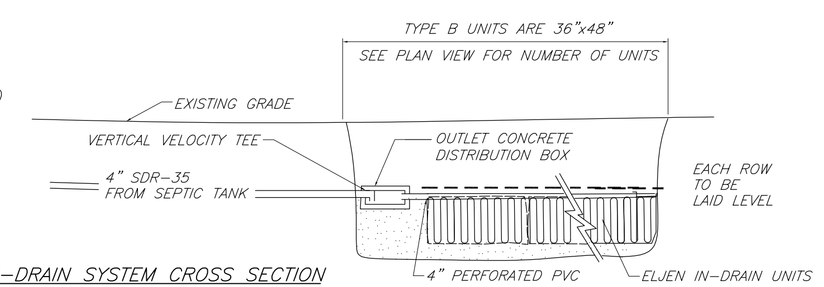
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND INITIALIZE EROSION CONTROL MEASURES, SILT FENCING IS TO BE USED FOR SILTATION CONTROL AROUND ALL AREAS THAT WILL BE DISRUPTED DURING CONSTRUCTION, SILT FENCING IS TO BE MAINTAINED TO THE SATISFACTION OF THE ENGINEER AND WILL BE REMOVED BY THE CONTRACTOR ONCE GROUND COVER IS REESTABLISHED.



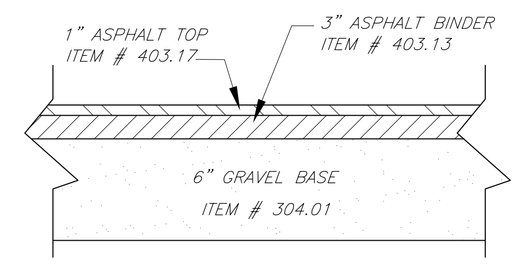
ELJEN IN-DRAIN SYSTEM CROSS SECTION
N.T.S.

ASTM C33
SAND SPECIFICATION

SIEVE SIZE	SIEVE SQUARE OPENING SIZE	SPECIFICATION PERCENT PASSING (WET SIEVE)
0.375"	9.5mm	100.0–100.0
#4	4.75mm	95.0–100.0
#8	2.36mm	80.0–100.0
#16	1.18mm	50.0–85.0
#30	600um	25.0–60.0
#50	300um	5.0–30.0
#100	150um	<10.0
#200	75um	<5.0



ELJEN IN-DRAIN SYSTEM
N.T.S.



DRIVEWAY PAVEMENT SECTION DETAIL
N.T.S.

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. SEPTIC TANK TO BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM ANY BUILDING OR PROPERTY LINE AND 50' FROM WELL.
3. CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN OR INTO THE VICINITY OF ABSORPTION FIELD.
4. NO SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL 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 CAPPED.
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. NO SEWAGE SYSTEM SHALL BE PLACED WITHIN 100' OF ANY WATER COURSE OR 35' DRAINAGE DITCH.
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 GARBAGE GRINDERS, JACUZZI TYPE SPA TUBS OVER 100 GALLONS, OR WATER CONDITIONERS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOUNT FOR THESE.
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 VENT.
18. 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.
19. THE DESIGN ENGINEER WILL BE REQUIRED TO CERTIFY THE COMPLETED DISPOSAL FACILITY.

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-A, WASTE TREATMENT – INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE."
"RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEM DESIGN HANDBOOK 2012, 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 FUNCTIONAL ABILITY OF THE S.D.S. AND WELL.
IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE CERTIFYING ENGINEER THAT THE SEPTIC TANK IS SEALED, 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, WATERTIGHT 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.
MAXIMUM DEPTH OF USABLE FILL PLUS 6" OF TOPSOIL SHALL NOT EXCEED 30".

TOWN PROJECT # 18-9
THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

REVISIONS			
REV.:	DATE:	BY:	DESCRIPTION:
3	09/18/19	RBM	PER TOWN COMMENTS
2	08/28/19	RBM	PER TOWN COMMENTS
1	07/08/19	RBM	PER TOWN COMMENTS

ENGINEER
CHARLES T. BROWN, P.E.

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(FAX)(845)-569-4583
TALCOTTDESIGN12@GMAIL.COM

PROPOSED SUBDIVISION ENTITLED
NOTO SUBDIVISION
194 HIGHLAND AVE, SBL: 108.12-8-24
TOWN OF MARLBOROUGH, ULSTER COUNTY, NY

DATE	SCALE	JOB NUMBER	SHEET NUMBER
07/01/19	AS NOTED	17257-NTO	2 OF 3