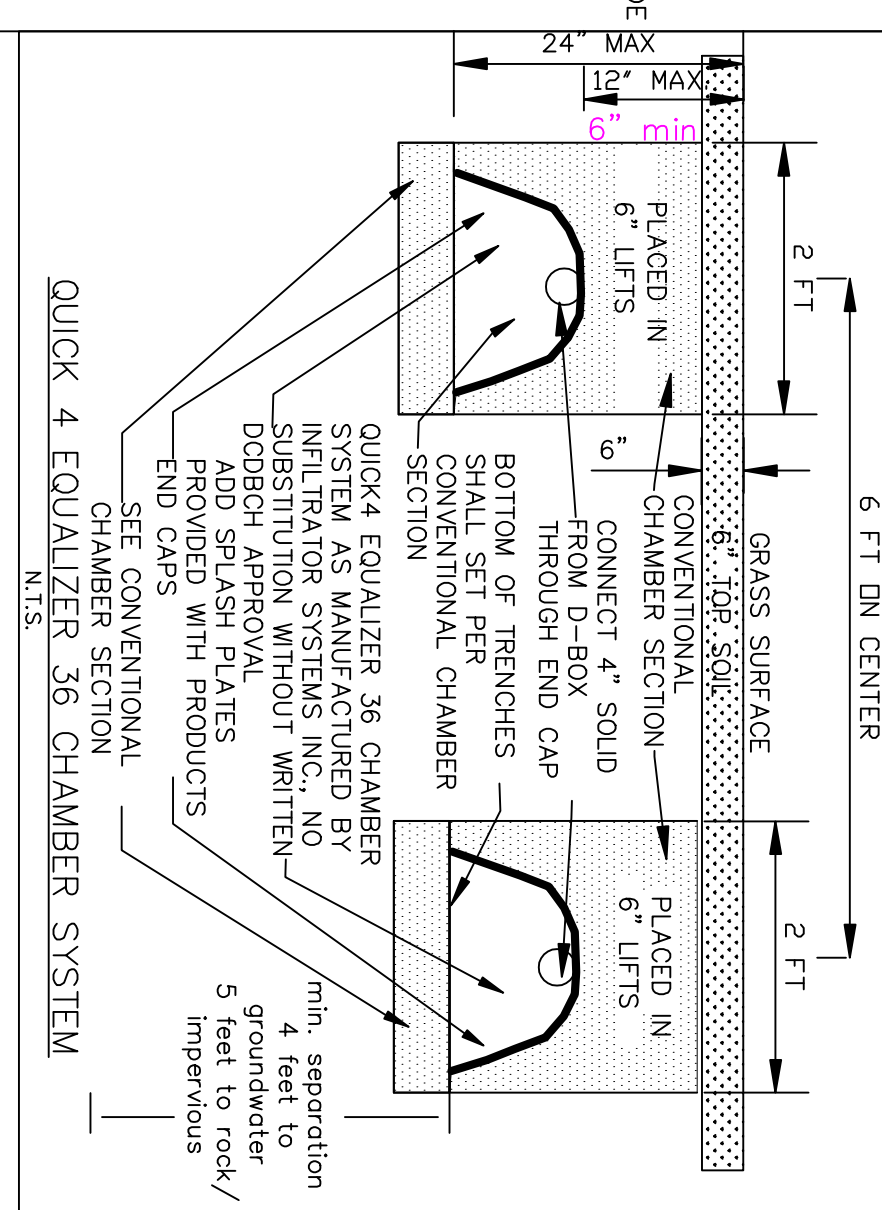
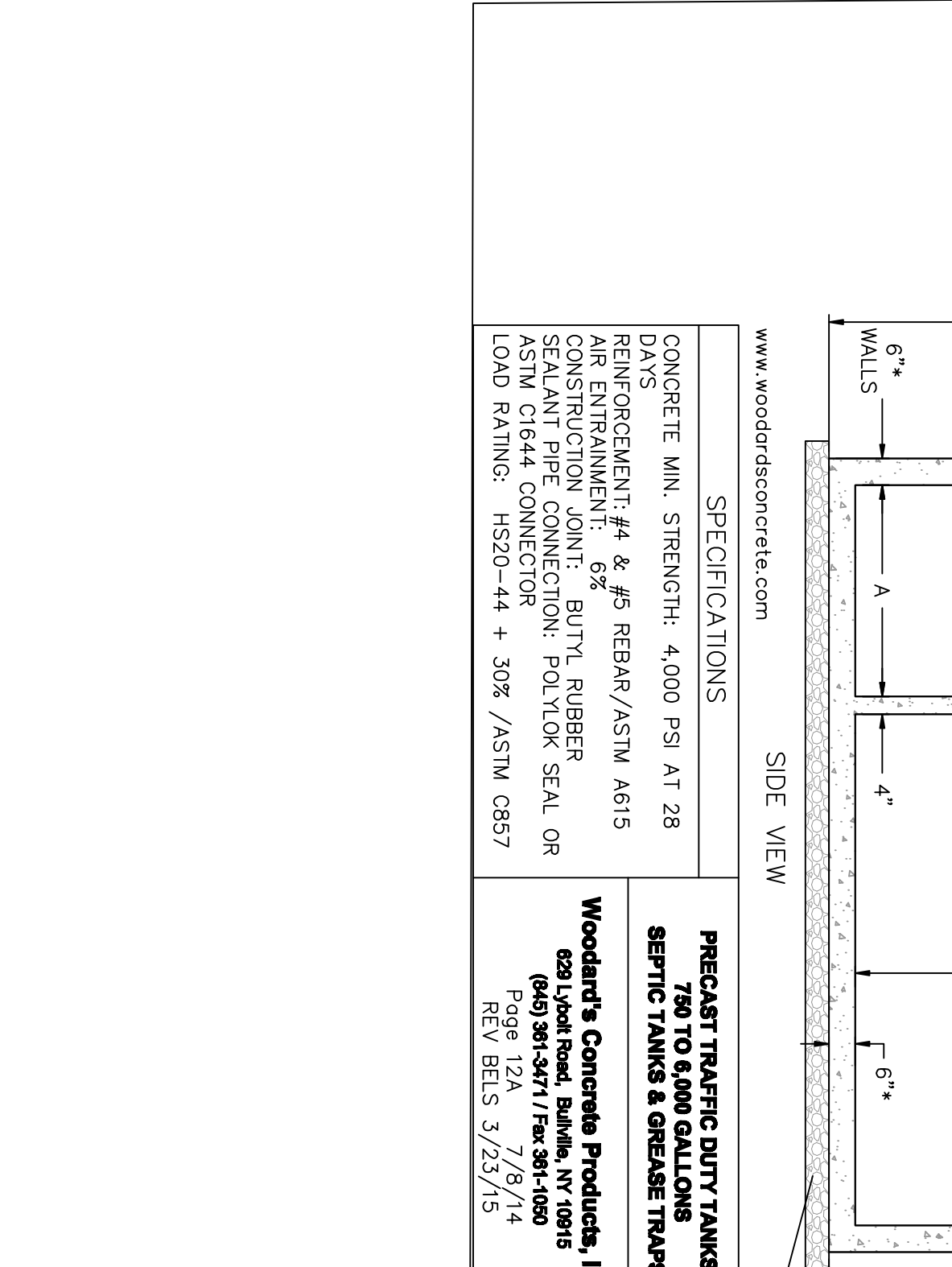
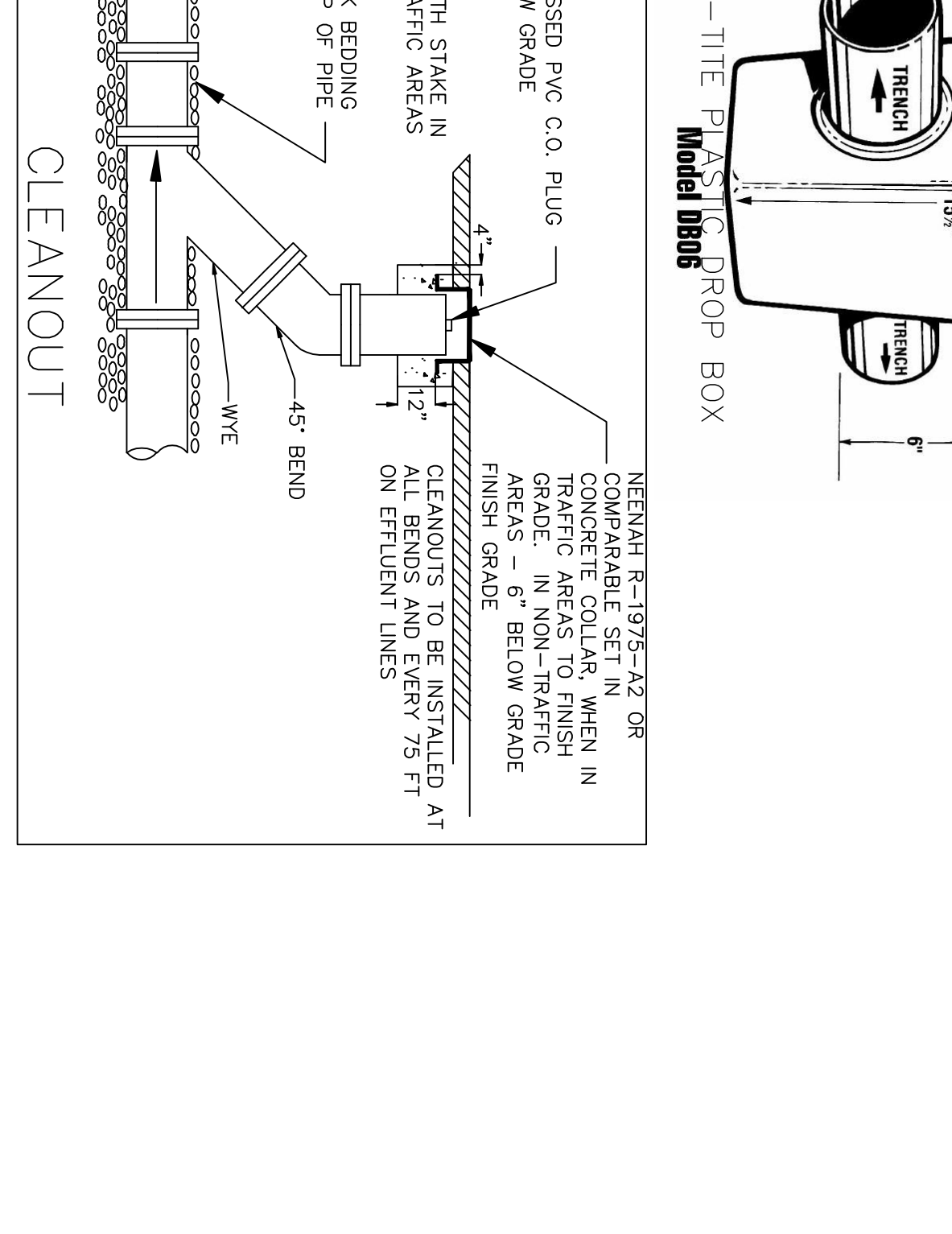
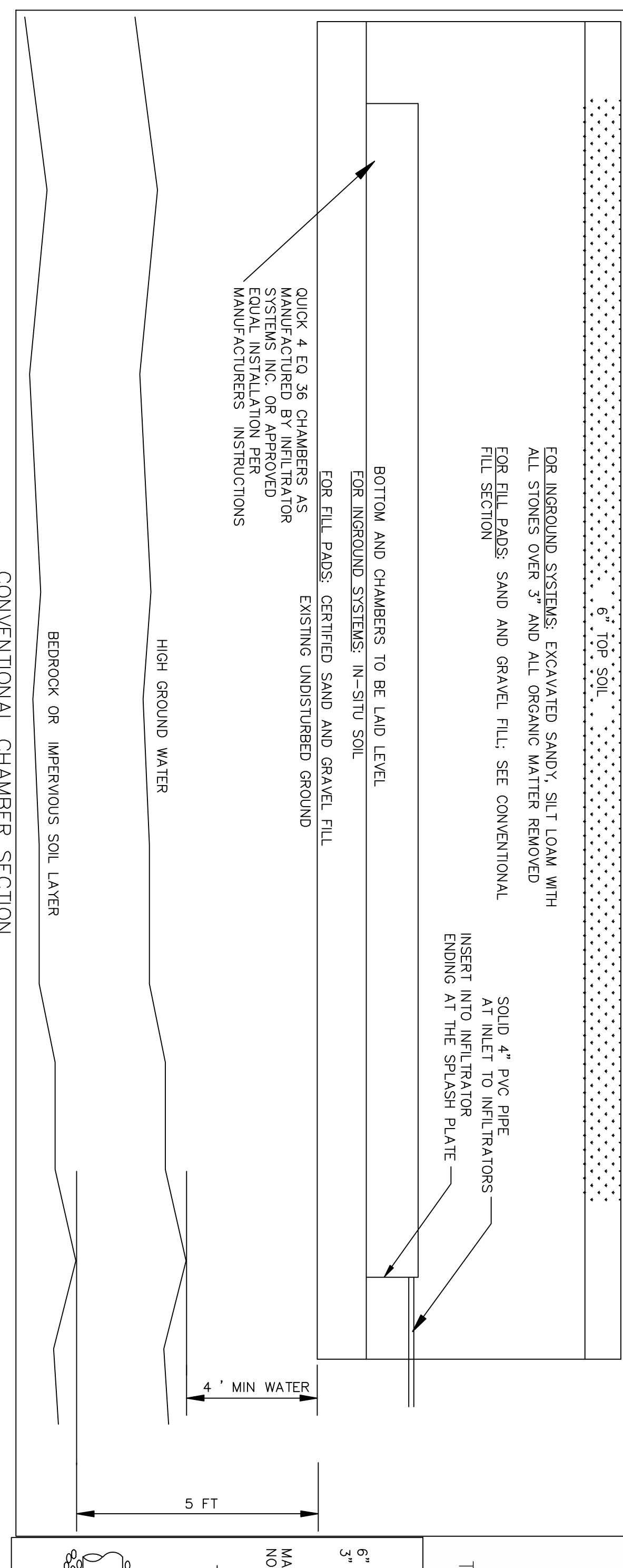


1. THE CONTRACTOR MUST NOTIFY A QUALIFIED PROFESSIONAL ENGINEER PRIOR TO THE START OF CONSTRUCTION.
2. ALL LATERALS AND THE DISTRIBUTION BOX MUST BE OBSERVED BY THE PROFESSIONAL ENGINEER PRIOR TO BEING BACKFILLED.
3. A 2 FOOT CLAY BEAM MUST BE INSTALLED AROUND THE ENTIRE S.D.S.
4. FILL AND IMPROVEMENTS COVER MUST BE IN PLACE AND A PROFESSIONAL ENGINEER SHALL CERTIFY IN WRITING THAT ALL S.D.S. CONDITIONS ARE SATISFACTORY TO ALLOW USE OF THE S.D.S.
5. FILL SHALL BE PLACED IN 6 INCH LIFTS AND MECHANICALLY LIGHTLY COMPACTED OR ALLOWED TO SETTLE FOR A 6 TO 9 MONTH PERIOD INCLUDING ONE WINTER.
6. THE FINAL TOP OF FILL PAD FOR THE PROPOSED S.D.S. SHALL BE GRADED PER PLAN.
7. THE SYSTEM WILL BE GRAVITY FED FROM DISTRIBUTION BOXES AS SHOWN ON THE PLANS. A MINIMUM OF 2 FT OF SOLID AND GRAVE FILL WITH STABILIZED PERCOLATION RATE WHICH IS LESS THAN OR EQUIVALENT TO THE PERCOLATION RATE OF THE VIRGIN SOIL AND NO MORE THAN 15 MINUTES PER INCH SHALL BE USED. THE DESIGN ENGINEER SHALL CERTIFY IN WRITING THAT THE FILL MATERIAL IS IN THE PROPER LOCATION, OF THE PROPER QUANTITY AND DIMENSIONS, AND OF STABILIZED PERCOLATION TESTS. THE RESULTS OF WHICH SHALL BE SUBMITTED WITH THE ENGINEER'S CERTIFICATION.
8. PRIOR TO THE PLACEMENT OF THE FILL, THE AREA OF THE OTHER SHALL BE CLEARED OF HERBS, AND ALL BRUSH, TREES, OR OTHER SHALL BE REMOVED UNLESS SPECIFICALLY INDICATED ON THE PLANS.



- ADDITIONAL NOTES FOR FILL SECTIONS
1. SEPTIC FILL SPECIFICATION: SAND AND GRAVE FILL WITH A STABILIZED PERCOLATION RATE WHICH IS LESS THAN OR EQUIVALENT TO THE PERCOLATION RATE OF THE VIRGIN SOIL AND NO MORE THAN 15 MINUTES PER INCH SHALL BE USED.
 2. A NEW YORK STATE REGISTERED DESIGN PROFESSIONAL SHALL CERTIFY IN WRITING THAT THE FILL MATERIAL IS IN THE PROPER LOCATION, OF THE PROPER QUANTITY AND DIMENSIONS, AND OF STABILIZED PERCOLATION TESTS. THE RESULTS OF WHICH SHALL BE SUBMITTED WITH THE ENGINEER'S CERTIFICATION.
 3. PRIOR TO THE PLACEMENT OF THE FILL, THE AREA OF THE OTHER SHALL BE CLEARED OF HERBS, AND ALL BRUSH, TREES, OR OTHER SHALL BE REMOVED UNLESS SPECIFICALLY INDICATED ON THE PLANS.



Code	L	W	H	A	B	C	D	E	F
750	9'-6"	4'-6"	9'-11"	4'-6"	34"	23"	51"	24"	21"
1000	10'-9"	5'-11"	4'-6"	34"	34"	23"	51"	24"	21"
1250	10'-9"	5'-11"	5'-3"	4'-6"	34"	23"	51"	24"	21"
1500	10'-9"	5'-11"	6'-1"	4'-6"	34"	23"	51"	24"	21"
2000	12'-6"	6'-1"	5'-3"	4'-6"	34"	23"	51"	24"	21"
2500	14'	6'-6"	7'-3"	5'-6"	46"	31"	67"	32"	29"
3000	15'-6"	7'	7'-3"	5'-6"	52"	31"	67"	32"	29"
3500	15'-6"	8'	7'-3"	5'-6"	52"	31"	67"	32"	29"
4000	17'-6"	8'	7'-3"	5'-6"	52"	31"	67"	32"	29"
4500	17'-6"	9'	7'-3"	5'-6"	52"	31"	67"	32"	29"
5000	18'-6"	9'	7'-3"	5'-6"	52"	31"	67"	32"	29"
6000	22'-4"	9'-6"	7'-3"	6'-0"	70"	33"	69"	32"	30"

- SEPTIC TANK NOTES
1. SEPTIC TANK SHALL BE PRECAST REINFORCED CONCRETE TANK AND SHALL WEIT HEAD LANDING HAVING CONCRETE TESTING THICKNESS OF 6" TO 8" DAYS. TANK SHALL HAVE BUILT IN WALL THICKNESS OF 6" TO 8" DAYS.
 2. TANK SHALL HAVE TWO BIRMINGHAM COALS ON INSIDE AND OUTSIDE PRIOR TO ASSEMBLY TO PREVENT COLLAPSE.
 3. TANK SHALL BE PLACED ON A MINIMUM 4" BED OF SAND OR INSTRUCTIONS. THE RISERS OF THE TANK SHALL EXTEND TO THE GROUND SURFACE.
 4. ALL JOINTS AND PIPE OPENINGS SHALL BE SEALED SO THAT THE TANK IS WATER TIGHT. PIPE OR 4" BUTTLE FROM INTO TANK AT A MINIMUM GRADE OF 1/4" INCH PER FOOT AND 4" INCH PER FOOT WITHOUT ANY BENDS OR DEFLECTIONS UNLESS NOTED OTHERWISE.
 5. ALL PIPE CONNECTIONS AT TANK SHALL BE POLYLOK SEALS OR APPROVED EQUAL.
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 14. ALL PIPE CONNECTIONS AT TANK SHALL BE POLYLOK SEALS OR APPROVED EQUAL.

- GENERAL NOTES
1. ANY MODIFICATION OR DEVIATION FROM THIS PLAN MUST BE APPROVED BY THE DESIGN PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION.
 2. ALL MATERIALS AND METHODS SHALL BE APPROVED BY THE DESIGN PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION.
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- MINIMUM INSPECTIONS REQUIRED
1. A NY'S LICENSED PROFESSIONAL ENGINEER MUST CERTIFY FILL PERCOLATION TESTS.
 2. INSPECTIONS BY THE CERTIFYING ENGINEER AND DC MUST BE COMPLETED PRIOR TO CONSTRUCTION.
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BERGER ENGINEERING AND SURVEYING
100 FULTON AVE.
POUGHKEEPSIE N.Y. 12603
(845) 471-7383
bergereng@gmail.com

MYERS RUN
MYERS CORNERS ROAD
TOWN OF WAPPINGER NY

Woodard & Looney
Professional Engineer
No. 123456789
(609) 391-9171
www.woodardlooney.com

DETAILS FOR
OWTS

Date 01/25/21

Sheet SH 5 of 10

DATE 05/20/21

REVISED DRAWINGS 07/15/21