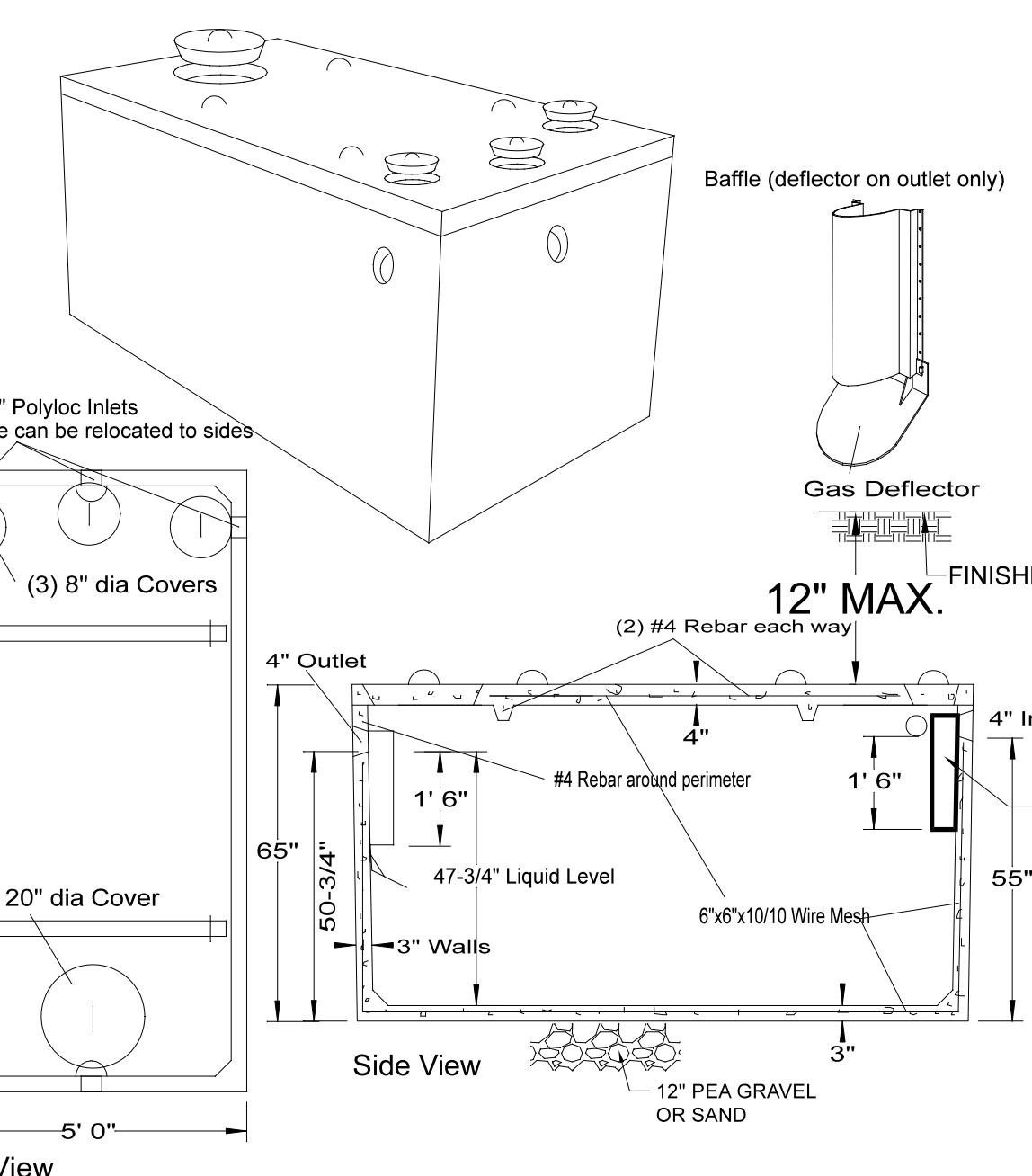


SEPTIC SYSTEM PLAN VIEW

CURTAIN DRAIN NOTES

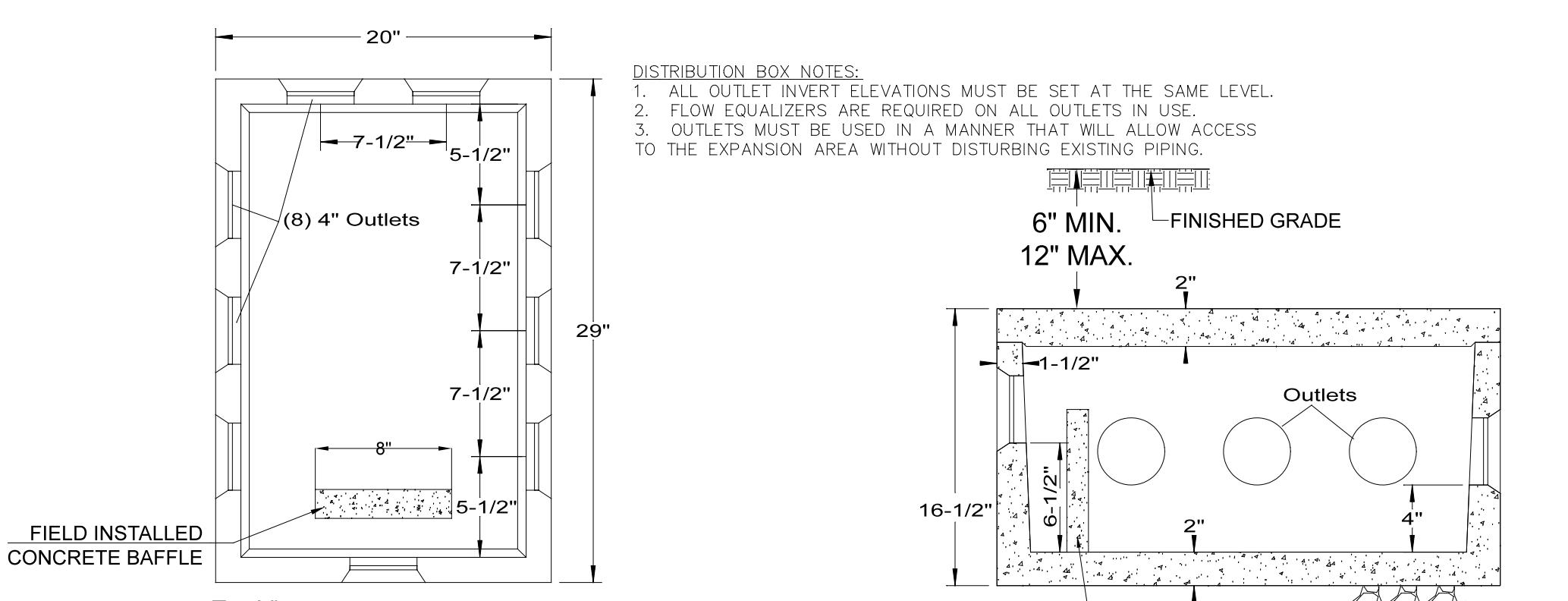
1. CURTAIN DRAIN SHALL BE INSTALLED UPHILL AND ALONG ONE SIDE OF THE ABSORPTION FIELD AS SHOWN ON THE PLANS.
2. PLACE SOIL FILTRATION FABRIC ALONG THE BOTTOM AND SIDES OF TRENCH. PLACE 4" CRUSHED STONE AT BOTTOM, INSTALL PERFORATED PIPE, AND BACKFILL WITH CRUSHED STONE. OVERLAP SOIL FILTRATION FABRIC OVER CRUSHED STONE BEFORE PLACEMENT OF IMPERVIOUS SOIL.
3. TRANSITION FROM PERFORATED TO SOLID PIPE MAY BE MADE ADJACENT TO THE LAST LATERAL INSTALLED.
4. CLEANOUTS TO BE INSTALLED FLUSH WITH FINISHED GRADE AT LOCATIONS SHOWN ON PLAN.
5. END OF SOLID PVC CURTAIN DRAIN OUTLET SHALL BE SCREENED.
6. SWALES AND CURTSIN DRAIN DISCHARGES TO BE DIRECTED AWAY FROM SBSORPTION FIELD.

The diagram illustrates a foundation wall backfilling process. It shows a cross-section of the wall on the left and a completed backfill on the right. Labels include: 'GRADE FOR PROPER DRAINAGE' with 'MAXIMUM 25"' and '6' MINIMUM'; 'ORIGINAL GRADE' with a horizontal line; 'ASTM C33 SAND' with dimensions '3' and '4'; '4' MINIMUM' at the bottom; 'UNDERLYING ORIGINAL SOIL' and '1 - 60 MPI PERCOLATION RATE'; 'MATERIAL OF THE SAME PERMEABILITY AS THE UNDERLYING ORIGINAL SOIL SHALL BE USED AS USEABLE FILL'; '6" TOP SOIL' and 'USEABLE FILL' with dimensions '3' and '1'; and '24" MINIMUM TO LIMITING CONDITIONS OR RESTRICTIVE SOILS'.



SPECIFICATIONS	PRECAST SEPTIC TANKS MODEL ST-1250 / 1250 GALLONS
Concrete Min. Strength: 4,000 psi at 28 days Reinforcement: #4 Rebar, 6x6x10ga. WWM Air Entrainment: 5% Construction Joint: Butyl Rubber Sealant Pipe Connection: Polylok Seal (patented) Weight = 9,500 lbs Load Rating: 300 psf	Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 / Fax 361-1050

1,250 GALLON SEPTIC TANK

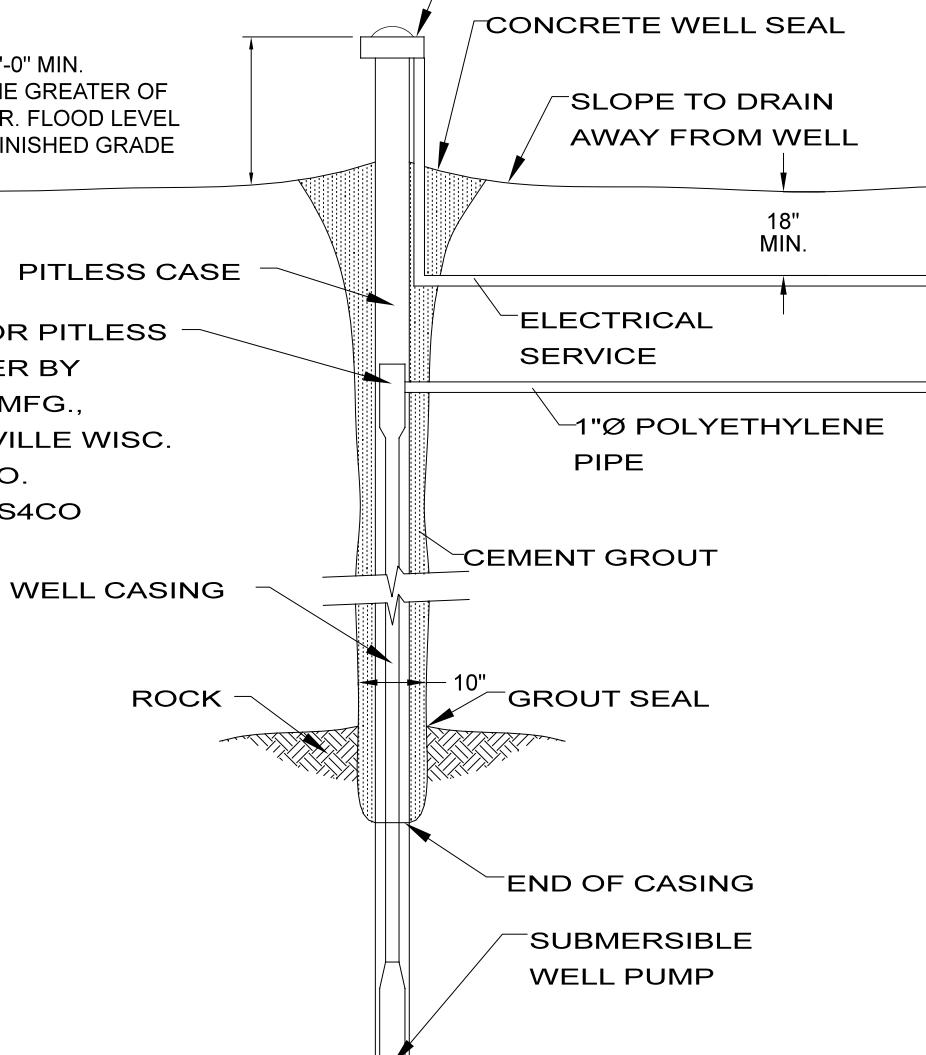


SPECIFICATIONS	PRECAST DISTRIBUTION BOXES MODEL DB-9 / 8 OUTLET BOX
Concrete Min. Strength: 4,000 psi at 28 days Reinforcement: Fiber, 10ga. wire mesh Air Entrainment: 5% Pipe Connection: Polylok Seal (patented) Load Rating: 300 psf Weight = 290 lbs	Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 / Fax 361-1050

DISTRIBUTION BOX DETAIL

The diagram illustrates the AIL unit's height and internal components. A vertical line with arrows at both ends spans the height of the unit, labeled '22"'. To the left of this line, the unit is divided into three horizontal sections: 'ch40 Outlet' at the top, 'removable Filter' in the middle, and 'C Housing 16"' at the bottom. A horizontal line extends from the left side of the 'removable Filter' section to the left edge of the page, with a small vertical line segment above it.

Polylok PL-68 (OR NSF46 CERTIFIED APPROVED EQ)	
SPECIFICATIONS	
Construction:	PVC or Polyethylene plastic NSF Standard 46 Certified
SEPTIC TANK & GREASE TRAP EFFLUENT FILTERS	
Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 / Fax 361-1050	



WELL CAP BY CAMPBELL MFG.
6"Ø WITH SANITARY WELL SEAL
AND AIR VENT MODEL NO. WTC-6

CONCRETE WELL SEAL

2'-0" MIN.
FROM THE GREATER OF
THE 100 YR. FLOOD LEVEL
OR THE FINISHED GRADE

SLOPE TO DRAIN
AWAY FROM WELL

18" MIN.

PITLESS CASE

MONITOR PITLESS
ADAPTER BY
BAKER MFG.,
EVANSVILLE WISC.
PART NO.
4PS67BS4CO

ELECTRICAL
SERVICE

1"Ø POLYETHYLENE
PIPE

CEMENT GROUT

6" WELL CASING

ROCK

10" GROUT SEAL

END OF CASING

SUBMERSIBLE
WELL PUMP

BUTT OF PUMP AT
LEAST 5' ABOVE
BOTTOM OF WELL

TYPICAL WELL DETAIL

N.T.S.

WELL NOTES:

1. CASING DEPTH SHALL EXTEND AT LEAST 40' BELOW GROUND IN ANY CONDITION
2. WELL TO BE CONSTRUCTED PER NYSDOH APPENDIX 5B "STANDARDS FOR WATER WELL" LATEST EDITION
3. WELL SHALL HAVE A MIN. YIELD OF 5 GPM.
4. WELL CASING MATERIAL IS TO BE IN COMPLIANCE WITH AWWA STANDARD A 100, LATEST VERSION

ASTM C33 SAND SPECIFICATION		
SIEVE SIZE	SIEVE SQUARE OPENING SIZE	SPECIFICATION PERCENT PASSING (WET SIEVE)
0.375"	9.5 mm	100.0 - 100.0
#4	4.75mm	95.0 - 100.0
#8	2.36 mm	80.0 - 100.0
#16	1.18 mm	50.0 - 85.0
#30	600 um	25.0 - 60.0
#50	300 um	5.0 - 30.0
#100	150 um	< 10.0
#200	75 um	< 5.0

ENGINEERS' CERTIFICATION:
I hereby certify to the hereon listed parties that the sewage disposal system depicted on this plan has been designed in accordance with the New York State Public Health Law and all promulgated thereunder.

Signature

1 CELLA, P.E.
OAD
NY 12589

A line drawing of a cylinder with two concentric walls. The top edge of the outer wall is stepped, creating a series of rectangular blocks. The inner wall is smooth.

- Insert leveler in the end of all outlet pipes in the distribution box.
- Rotate until effluent enters all outlets equally.
- Compensates for up to 1-1/4" difference in pipe end elevations.
- Fits all 4" smooth wall and corrugated pipes.

SPEED LEVELER DETAIL (N.T.S.)

Jonathan N. Millen, LLS
PROFESSIONAL LAND SURVEYOR
PREFERRED TO BE CORRECT AND ACCURATE
N.Y. LIC. No. 050746

Carl D. Fredericks

Automated Construction Enhanced Solutions, Inc.

Professional Land Surveying

1229 Route 300 - Suite 4 - Newburgh, NY 12550

Office: 845-943-7198 Field: 914-906-8830 Web: acessurveying.com

Prepared For Tax Map Parcel

108.3-4-33.120 & 108.3-5-25

aka 420 Plattekill Road

situated in the

Town of Marlborough & Plattekill

County of Ulster, New York 12542

TE: 03/17/2023 SCALE: As Shown JOB No. 22104FRE DRAWN BY: jnm