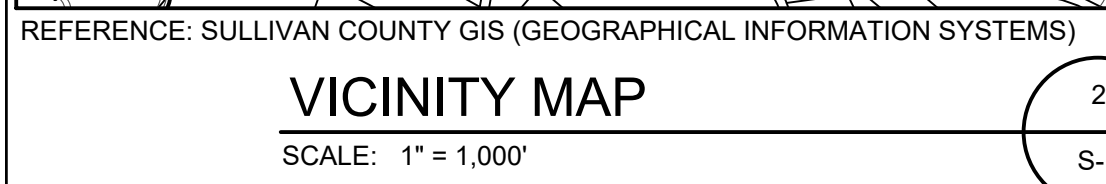


**REFERENCE MAP:**

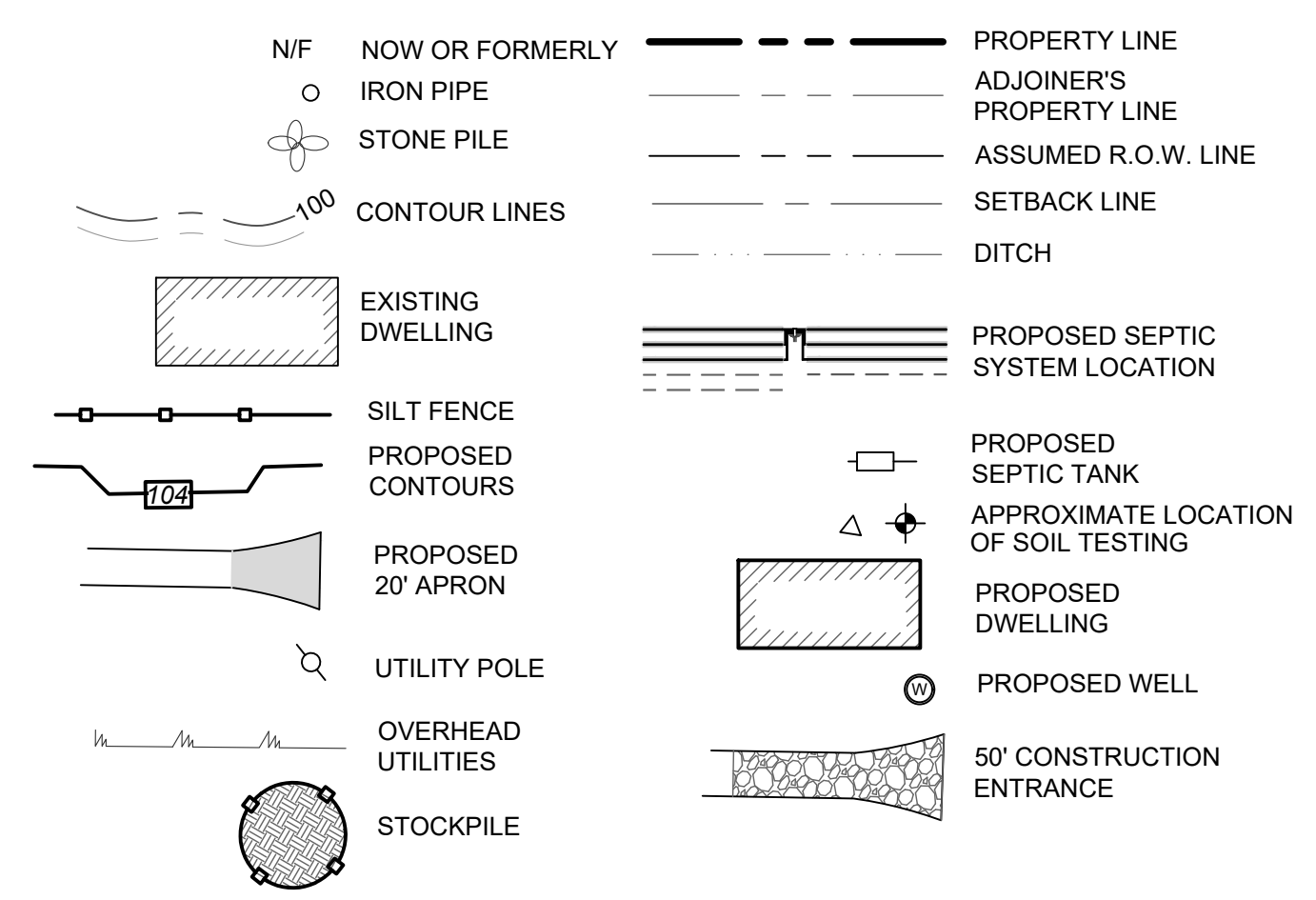
MAP ENTITLED, "SURVEY MAP OF LANDS FOR MONOPOLY HOLDINGS, LLC", PREPARED BY DANIEL J. O'BRIEN, PROFESSIONAL LAND SURVEYOR, DATED MAY 3, 2024, AS FILE #24-79.



**SANITARY NOTES**

- DRIVEWAYS AND OTHER STRUCTURES WHICH MAY COMPACT THE SOILS SHALL NOT BE CONSTRUCTED ON TOP OF ABSORPTION FIELD.
- SEPTIC TANKS TO BE REINFORCED CONCRETE (SEE SANITARY REQ. CHART FOR CAPACITY).
- MINIMUM DISTANCE BUILDING TO ABSORPTION FIELD IS 20'.
- PIPE FROM BUILDING TO SEPTIC TANK TO BE STRAIGHT.
- SEPTIC TANK INLETS TO BE OPPOSITE OUTLETS.
- DO NOT GRADE IN AREA TO BE USED FOR ABSORPTION FIELD.
- NO CELLAR, FOOTING OR ROOF DRAINS SHALL DISCHARGE INTO SEPTIC TANKS OR DRAIN FIELDS.
- WELL MUST BE AT LEAST 100 FT. AWAY FROM LOWER TILE FIELD, AND 200 FT. AWAY FROM HIGHER TILE FIELD IN THE DIRECT LINE OF DRAINAGE.
- THE DESIGN AND LOCATION OF SANITARY FACILITIES (WATER AND SEWER) SHALL NOT BE CHANGED.
- WHEN WELLS ARE WITHIN 25' OF THE FOOTING DRAIN, THE DISCHARGE PIPE SHOULD BE WATERTIGHT.
- VERIFICATION OF SUITABLE TRENCH BOTTOM SOIL CONDITIONS TO BE MADE BY A LICENSED PROFESSIONAL ENGINEER.
- THE SEWER DISPOSAL SYSTEM SHALL BE DESIGNED, LOCATED AND CONSTRUCTED TO ALLOW FOR A 50% EXPANSION CAPABILITY FOR FUTURE USE.
- DIVERSION SWALES TO BE LOCATED UPHILL FROM THE SEWAGE DISPOSAL AREA. THE DIVERSION SWALES ARE TO DIVERT RUNOFF AWAY FROM THE SEWAGE DISPOSAL AREA AND THE FUTURE EXPANSION AREA.
- ALL ON SITE SANITATION AND WATER SUPPLY FACILITIES SHALL BE BUILT IN ACCORDANCE WITH DESIGN STANDARDS FOR WASTEWATER TREATMENT WORKS DESIGN HANDBOOK OF THE N.Y.S. DEPARTMENT OF HEALTH.
- ALL SUBSURFACE SANITARY SYSTEMS ARE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE LATEST EDITION STANDARDS OF THE N.Y.S. DEPARTMENT OF HEALTH. SEPTIC TANK JOINTS ARE TO BE SEALED AND TESTED FOR WATERTIGHTNESS. CONSTRUCTION WILL BE SUPERVISED, INSPECTED AND CERTIFIED TO THE TOWN OFFICIALS AND THE N.Y.S. DEPARTMENT OF HEALTH AS COMPLETE IN ACCORDANCE WITH THE APPROVED PLAN AND DEPARTMENT OF HEALTH STANDARDS BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER.
- HEAVY EQUIPMENT SHALL BE KEPT OFF THE ABSORPTION FIELD AREA. THERE IS TO BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT BEFORE, DURING OR AFTER CONSTRUCTION.
- THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, WATER CONDITIONERS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SEWAGE DISPOSAL SYSTEM IS REDESIGNED TO ACCOUNT FOR THESE.

**LEGEND**



**GENERAL NOTES**

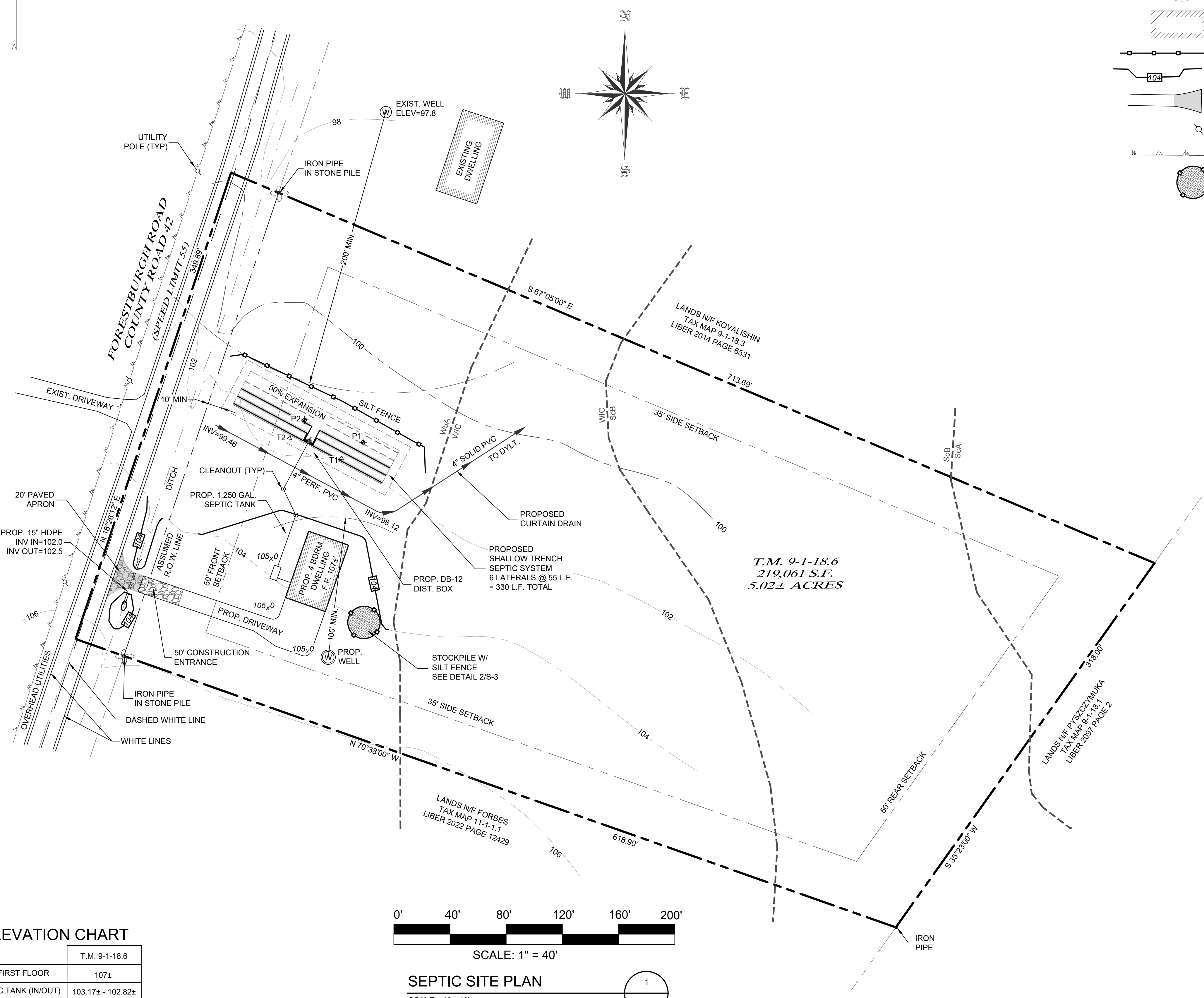
- OWNER OF RECORD / APPLICANT: MONOPOLY HOLDINGS, LLC 9 MAIDEN LANE PORT JERVIS, NY 12771
- TAX MAP DESIGNATION: SECTION 9 BLOCK 1 LOT 18.6
- PARCEL ZONED: RR (RURAL RESIDENTIAL DISTRICT)
- TOTAL AREA: 219,061 S.F. / 5.02± ACRE
- CONTOURS WERE TAKEN FROM AN ACTUAL FIELD SURVEY BY DANIEL J. O'BRIEN, PROFESSIONAL LAND SURVEYOR, DRAWING NUMBER 23-158, DATED SEPTEMBER 20, 2023 AND SULLIVAN COUNTY GIS (GEOGRAPHICAL INFORMATION SYSTEMS).

**BULK TABLE REQUIREMENTS:**

ZONED DISTRICT: RR (RURAL RESIDENTIAL DISTRICT)

	MINIMUM REQUIREMENTS	EXISTING / PROPOSED
LOT AREA:	5 ACRES	5.02± ACRES
LOT WIDTH:	200 FEET	344.5± FEET
FRONT YARD:	50/75'	132.4± FEET
SIDE YARD:	35 FEET	77.4± FEET
REAR YARD:	50 FEET	464.3± FEET
	MAXIMUM PERMITTED	
BLDG. HEIGHT:	35 FEET	< 35 FEET
LOT COVERAGE:	15 %	1.0 %
LOT CLEARING:	30 %	11.6 %±
SLOPES:	15 %	2 - 3 %

\* 50 FEET FROM THE EDGE OF THE R.O.W. IF THERE IS NO R.O.W., THEN 75 FEET FROM CENTERLINE OF ROAD



**DEEP PIT TEST RESULTS**

T1 - 06/05/24	T2 - 06/05/24
0"-3" TOP SOIL W/ ROCK	0"-3" TOP SOIL W/ ROCK
3"-28" GOLDEN BROWN SANDY LOAM	3"-25" GOLDEN BROWN SANDY LOAM
28"-60" BROWN GRAVELLY CLAY LOAM W/ ROCK	25"-60" BROWN GRAVELLY CLAY LOAM W/ ROCK
NO WATER NO LEDGE TRACE MOTTLING HARDPAN	NO WATER NO LEDGE TRACE MOTTLING HARDPAN

**ELEVATION CHART**

	T.M. 9-1-18.6
FIRST FLOOR	107±
SEPTIC TANK (IN/OUT)	103.17± - 102.82±
DIST. BOX (IN/OUT)	102.19± - 101.98±
FIRST LATERAL	101.96±
LOWEST SEWERABLE ELEVATION	103.37±

**PERCOLATION TEST RESULTS**

DATE	TEST NO.	DEPTH OF HOLE (IN.)	STABILIZED RATE (MIN.)	DESIGN RATE (MIN.)
06/05/24	P1	24	13:25	16-20
06/05/24	P2	24	17:35	



SCALE: 1" = 40'

**SEPTIC SITE PLAN**

SCALE: 1" = 40'

UNAUTHORIZED ALTERATION OR ADDITIONS TO A PLAN BEARING THE SEAL OF A LICENSED ENGINEER OR LAND SURVEYOR IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

COPIES OF THIS DOCUMENT WITHOUT A FACSIMILE OF THE SIGNATURE AND AN ORIGINAL EMBOSSED SEAL OR ORIGINAL STAMP OF THE PROFESSIONAL ENGINEER OR LAND SURVEYOR SHALL NOT BE CONSIDERED VALID COPIES.

REVISIONS				
DWN BY	REV	DESCRIPTION	DATE	APPROVED
DO	0	FOR PERMIT	06/08/24	

JOHN D. FULLER  
REG. NO. 077703

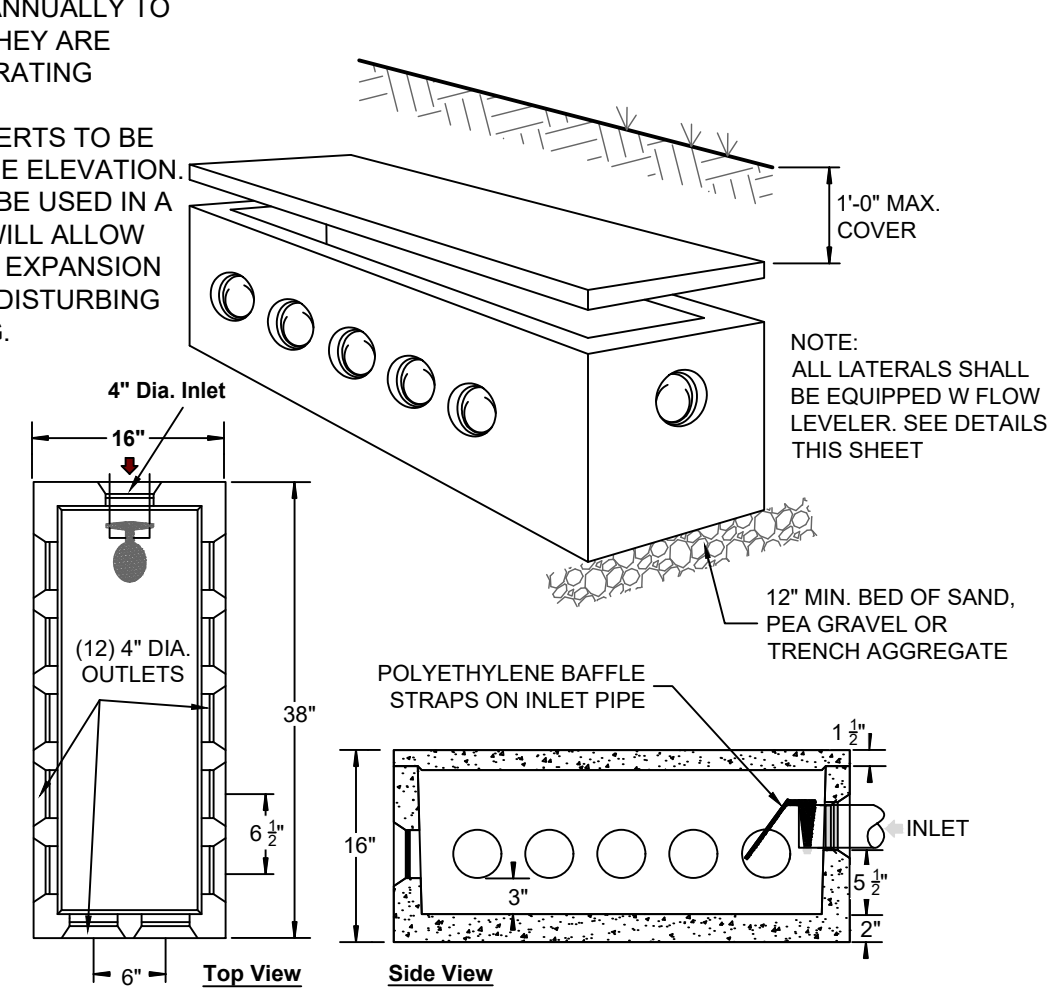
**JOHN D. FULLER, P.E., P.C.** 4 SOUTH STREET PORT JERVIS, NY 12771 (845) 856-1536

**FORESTBURGH ROAD / COUNTY ROAD 42 SECTION 9 BLOCK 1 LOT 18.6 TOWN OF LUMBERLAND, NY**

DWG TITLE	<b>SEPTIC SITE PLAN</b>	DWG NO.	<b>S-1</b>
SCALE	AS NOTED	JOB NO.	3081.002

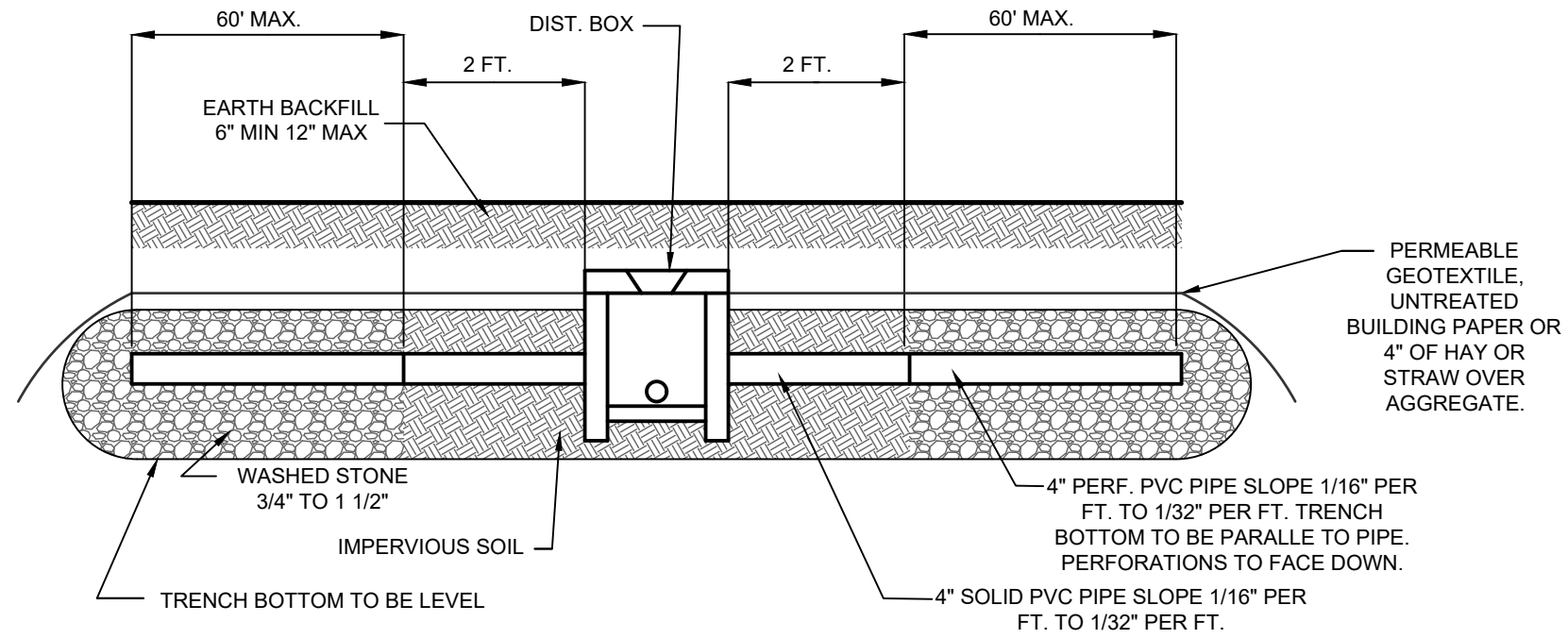
**NOTES:**

- DISTRIBUTION BOXES SHOULD BE INSPECTED ANNUALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY.
- ALL OUTLET INVERTS TO BE SET AT THE SAME ELEVATION.
- OUTLETS MUST BE USED IN A MANNER THAT WILL ALLOW ACCESS TO THE EXPANSION AREA WITHOUT DISTURBING EXISTING PIPING.

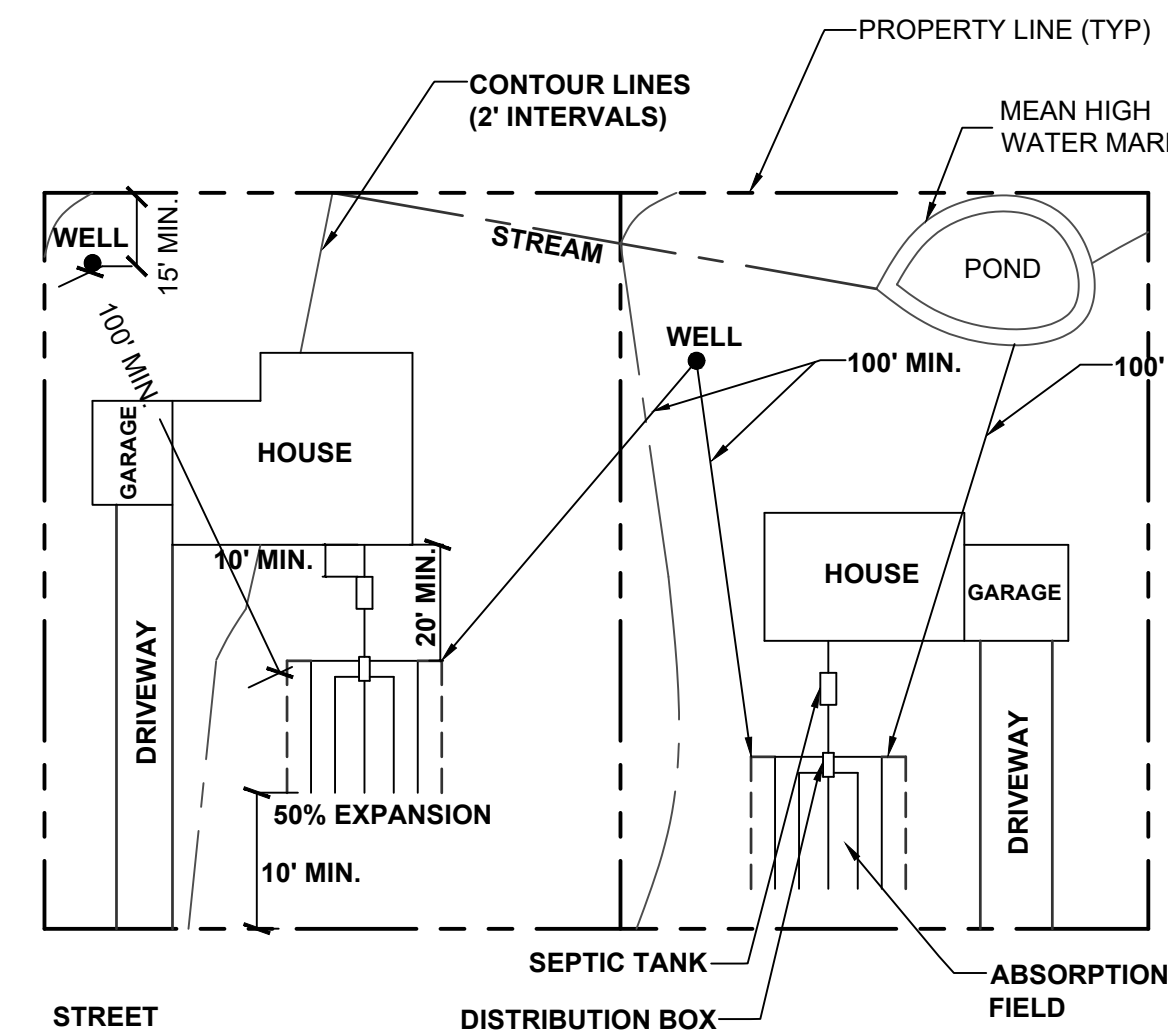
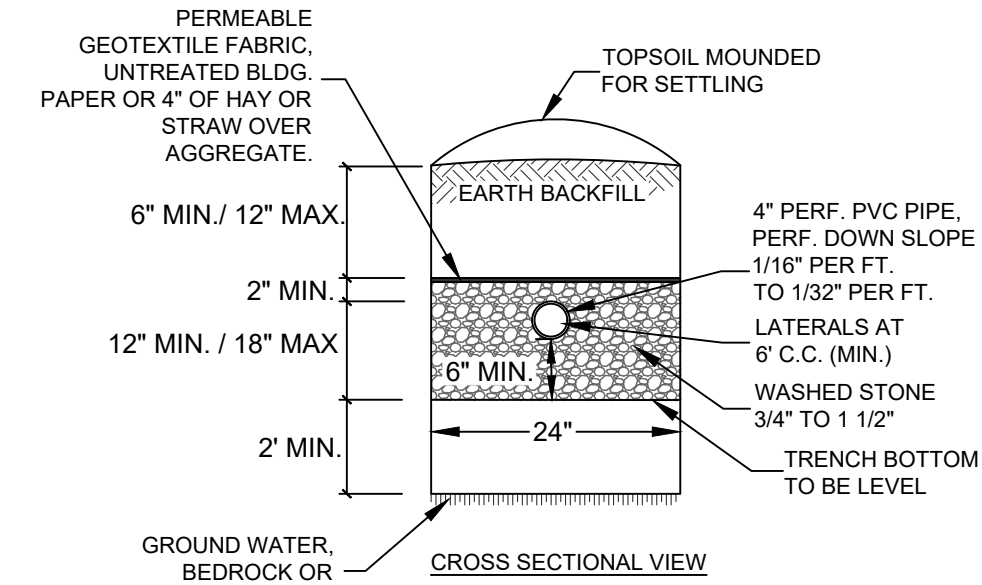


SPECIFICATIONS	PRECAST DISTRIBUTION BOX MODEL DB-12 / 12 OUTLETS W/BAFFLE
CONCRETE MIN. STRENGTH: 4,000 PSI @ 28 DAYS	
REINFORCEMENT: FIBER, 10 GA. WIRE MESH	
AIR ENTRAINMENT: 5%	
PIPE CONNECTION: POLYLOK SEAL (PATENTED)	
LOAD RATING: 300 PSF	
WEIGHT: 325 LBS.	
	WOODARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT ROAD, BULLVILLE, NY 10915 (845) 361-3471 / FAX 361-1050

**PRECAST DISTRIBUTION BOX DETAIL** (1) S-2  
SCALE: N.T.S.



- NOTES:**
- TRENCHES SHALL NOT BE CONSTRUCTED IN WET SOIL. RAKE SIDES AND BOTTOM OF TRENCHES IMMEDIATELY PRIOR TO PLACING GRAVEL.
  - END OF ALL DISTRIBUTOR PIPES MUST BE PLUGGED.
  - ABSORPTION TRENCH SPACING 6' O.C. (4 FEET MIN. BETWEEN TRENCHES)



- NOTES:**
- NO TILE FIELD TO BE WITHIN 100 FEET OF A WATERCOURSE.
  - MINIMUM DISTANCE BETWEEN THE BUILDING WATER SERVICE AND SEWERAGE TO BE 10 FT.
  - NO TILE FIELD TO BE WITHIN 50 FT. OF A DRAINAGE DITCH.

**TYPICAL LOT DIMENSIONS** (9) S-2  
SCALE: N.T.S.

**MINIMUM SEPARATION DISTANCE (FEET) FROM**

WELL OR SUCTION LINE (e)(g)	TO STREAM, LAKE, WATERCOURSE, WETLAND OR WET POND (b)	PROPERTY DWELLING LINE	RAIN GARDENS (h)	DRAINAGE DITCH OR RAIN GARDENS (h)
25' IF C.I. 50' OTHERWISE	25'	3'	10'	10'
HOUSE SEWER (WATERTIGHT JOINTS)				
SEPTIC TANK, DOSING TANK OR WATERTIGHT ETU	50'	10'	10'	10'
EFFLUENT LINE TO DIST./DROP BOX	50'	10'	10'	10'
DISTRIBUTION/DROP BOX	100'	20'	10'	20'
SEEPAGE PIT	150' (a)	20'	10'	20'
DRY WELL (ROOF AND FOOTING)	50'	25'	20'	20'
RAISED OR MOUND SYSTEM (c)(d)	100'(a)	100'	20'	20'
INTERMITTENT SAND FILTER (d)	100' (a)(f)	100'(f)	20'	10'
NON-WATERBORNE SYSTEMS W/OFFSITE RESIDUAL DISPOSAL	50'	50'	20'	10'
NON-WATERBORNE SYSTEMS W/ONSITE DISCHARGE	100'	50'	20'	20'
WELL	25'			
ABSORPTION FIELD (c)(d)	100' (a)	100'	20'	50'
				50'
				100'

**TO INTERMITTENT STREAM, DRY WATERTIGHT WELL, CULVERT OR STORM SEWER (GASKETED, TIGHT PIPE)**

**SOLID CURTAIN DRAIN, ROOF OR FOOTING PIPES, SNOW STORAGE EASEMENT (NON-GASKETED PIPE) OR CATCH BASIN**

- (a) WHEN WASTEWATER TREATMENT SYSTEMS ARE LOCATED UPGRADE AND IN THE DIRECT PATH OF SURFACE WATER DRAINAGE TO A WELL, THE CLOSEST PART OF THE TREATMENT SYSTEM SHALL BE AT LEAST 200 FEET AWAY FROM THE WELL.
- (b) MEAN HIGH WATER MARK, WETLAND OR WATERCOURSE DETERMINATIONS SHOULD BE ADDRESSED WITH THE LHO OR OTHER AGENCY HAVING JURISDICTION AND THE APPLICABLE NYSDEC REGIONAL OFFICE.
- (c) FOR ALL SYSTEMS INVOLVING THE PLACEMENT OF FILL MATERIAL, SEPARATION DISTANCES ARE MEASURED FROM THE TOE OF SLOPE OF THE FILL, EXCEPT FOR SOME SHALLOW ABSORPTION TRENCH SYSTEMS AS DESCRIBED IN SECTION 9.12.2 OF THE OCHD DESIGN HANDBOOK.
- (d) SEPARATION DISTANCES SHALL ALSO BE MEASURED FROM THE EDGE OF THE DESIGNATED ADDITIONAL USEABLE AREA (i.e., RESERVE AREA), WHEN AVAILABLE.
- (e) THE CLOSEST PART OF THE WASTEWATER TREATMENT SYSTEM SHALL BE LOCATED AT LEAST TEN (10) FEET FROM ANY WATER SERVICE LINE (E.G., PUBLIC WATER SUPPLY MAIN, PUBLIC WATER SERVICE LINE OR RESIDENTIAL WELL WATER SERVICE LINE).
- (f) WHEN INTERMITTENT SAND FILTERS ARE DESIGNED TO BE WATERTIGHT AND COLLECT ALL EFFLUENT, THE SEPARATION DISTANCE CAN BE REDUCED TO 50 FEET.
- (g) THE LISTED WATER WELL SEPARATION DISTANCES FROM CONTAMINANT SOURCES SHALL BE INCREASED BY 50% WHENEVER AQUIFER WATER ENTERS THE WATER WELL AT LESS THAN 50 FEET BELOW GRADE. IF A 50% INCREASE CANNOT BE ACHIEVED, THEN THE GREATEST POSSIBLE INCREASE IN SEPARATION DISTANCE SHALL BE PROVIDED WITH SUCH ADDITIONAL MEASURES AS NEEDED TO PREVENT CONTAMINATION.
- (h) RECOMMENDED: USE SITE EVALUATION TO AVOID OWTS SHORT-CIRCUITING TO THE SURFACE OR GROUNDWATER AND TO MINIMIZE IMPACTS ON OWTS FUNCTIONALITY.
- EMBANKMENT OR VERY STEEP SLOPE:** IT IS RECOMMENDED THAT SYSTEM COMPONENTS BE LOCATED A MINIMUM OF 25 FEET AND ABSORPTION FIELD BE LOCATED A MINIMUM OF 50 FEET FROM AN EMBANKMENT OR VERY STEEP SLOPE. MAXIMIZE SEPARATION DISTANCES AND USE SITE EVALUATION TO AVOID SHORT-CIRCUITING TO SURFACE (BREAKOUT OR SEEPAGE).
- SWIMMING POOLS (ABOVE OR BELOW GRADE):** IT IS RECOMMENDED THAT SYSTEM COMPONENTS BE LOCATED A MINIMUM OF 20 FEET AND THE ABSORPTION FIELD BE LOCATED A MINIMUM OF 35 FEET FROM SWIMMING POOLS. MAXIMIZE SEPARATION DISTANCES AND USE SITE EVALUATION TO MINIMIZE IMPACTS ON OWTS ACCESSIBILITY AND FUNCTIONALITY.

**SANITARY REQUIREMENT CHART**

LOT NO.	PERC. RATE (MIN.)	TRENCH MIN. WIDTH INCHES	LENGTH OF TILE FIELD REQUIRED (LIN. FT.)		
			3 BR.	4 BR.	5 BR.
	1-5	24	138	184	230
	6-7	24	165	220	275
	8-10	24	184	245	306
	11-15	24	207	275	344
T.M. 9-1-18.6	16-20	24	236	315	393
	21-30	24	275	367	459
	31-45	24	330	440	550*
	46-60	24	367	489	612*
SIZE OF SEPTIC TANK REQUIRED (GAL.)			1000	1250	

NOTE: DESIGN BASED ON 110 GPD PER BEDROOM  
\* DOSING OR ALTERNATE DESIGN REQUIRED

**MINIMUM SEPTIC TANK CAPACITIES**

NUMBER OF BEDROOMS	MINIMUM TANK CAPACITY (GALLONS)	MINIMUM LIQUID SURFACE AREA (SQ. FT.)
1, 2, OR 3	1,000	27
4	1,250	34
5	1,500	40
6	1,750	47

NOTE: TANK SIZE REQUIREMENTS FOR MORE THAN SIX BEDROOMS SHALL BE CALCULATED BY ADDING 250 GALLONS AND SEVEN SQUARE FEET OF SURFACE AREA FOR EACH ADDITIONAL BEDROOM. A GARBAGE GRINDER SHALL BE CONSIDERED EQUIVALENT TO AN ADDITIONAL BEDROOM FOR DETERMINING TANK SIZE. A HOT TUB/SPA SHOULD BE CONSIDERED EQUIVALENT TO AN ADDITIONAL BEDROOM FOR DETERMINING TANK SIZE.

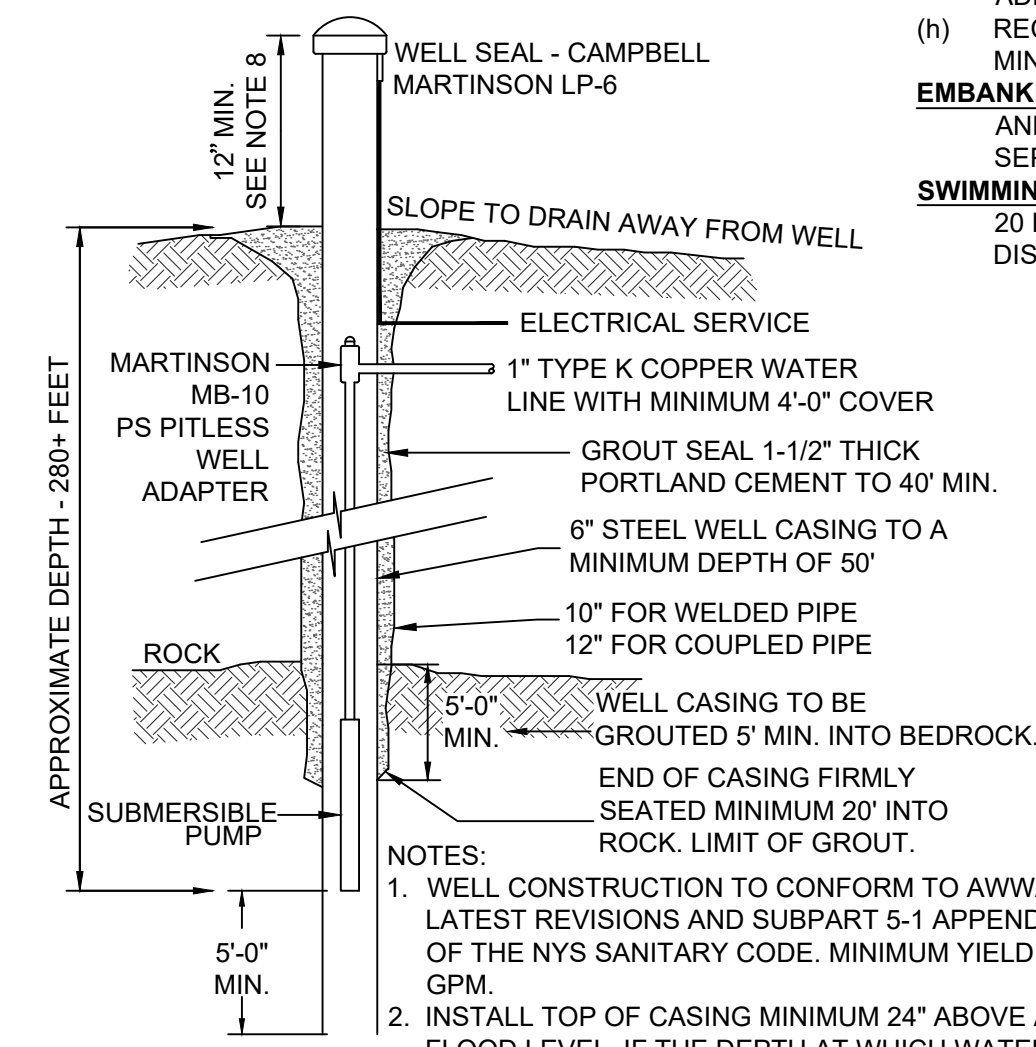
**WATER SAVING FIXTURES NOTES**

- THE USE OF POST 1994 WATER SAVING FIXTURES ARE REQUIRED IN THE DWELLING.
- POST 1994 WATER SAVING FIXTURES SHALL BE AS DEFINED IN "INDIVIDUAL RESIDENTIAL WASTEWATER TREATMENT SYSTEM, DESIGN HANDBOOK", NEW YORK STATE DEPARTMENT OF HEALTH, 2012 ED., TABLE 1-DESIGN FLOWS FOR VARIOUS HOUSEHOLD PLUMBING.
- WATER SAVING PLUMBING FIXTURES SHALL BE DEFINED AS FOLLOWS:  
A) 1.6 GAL PER FLUSH WATER CLOSETS.  
B) 2.5 GPM MAX. FAUCETS / SHOWERHEADS.

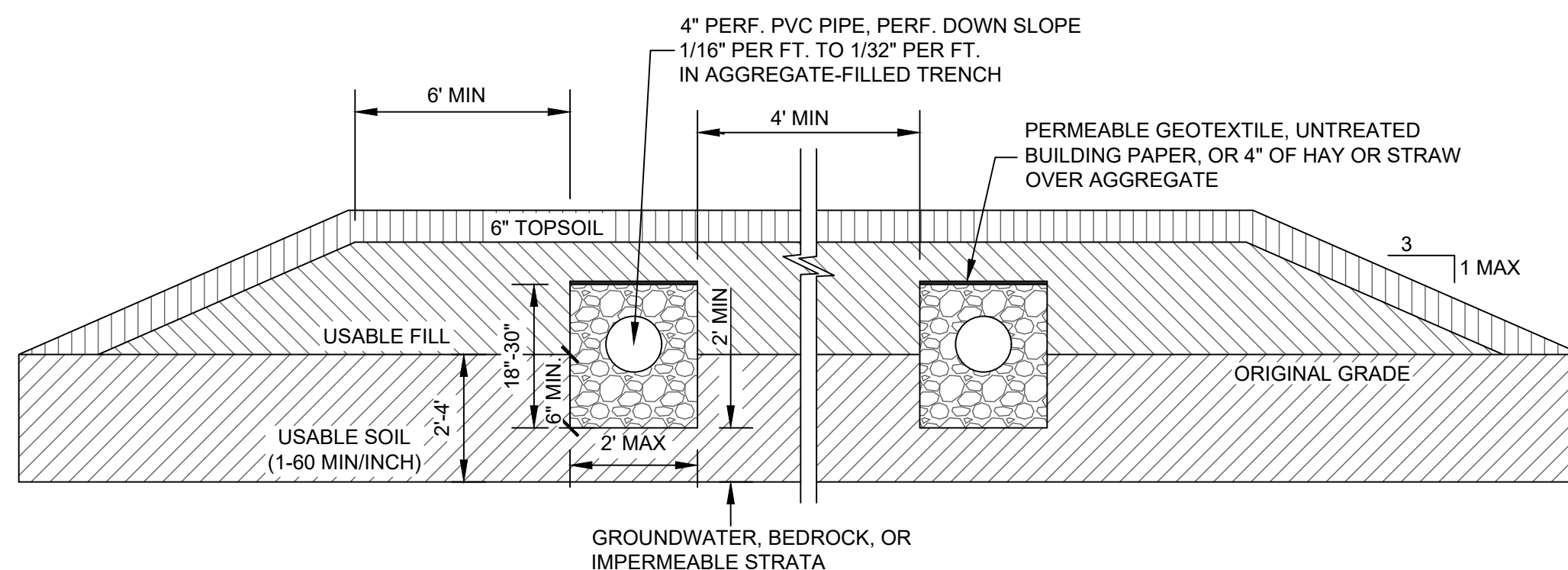
**WATER SYSTEM NOTES**

- WELL CONSTRUCTION SHALL CONFORM TO THE MINIMUM STANDARDS SET FORTH BY THE N.Y.S. DEPARTMENT OF HEALTH FOR RURAL WATER SUPPLY SUBPART 5-1 APPENDIX 5-B.
- SOFTENING OF HARD WATER SHOULD BE CONSIDERED ONLY IF EXCESSIVE HARDNESS IS FOUND (GREATER THAN 150 MG/L).
- THE LOCATION OF WELLS AND SEPTIC FIELDS SHALL NOT BE CHANGED.
- FOOTING DRAINS WITHIN 25 FEET OF A WELL SHALL BE WATERTIGHT.
- 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.
- WELL CASING IS TO BE INSTALLED 20 FEET INTO IMPERVIOUS BEDROCK.
- IF THE DEPTH AT WHICH WATER MAY ENTER THE WELL IS LESS THAN 50' EITHER THERE MUST BE A MINIMUM OF 50' OF PROPERLY GROUTED CASING INSTALLED OR SEPARATIONS MUST BE INCREASED BY 50% IN ACCORDANCE WITH APPENDIX 5-B, TABLE 1, NOTE 1.
- HEIGHT OF WELL CASING MUST BE 12" MIN. ABOVE FINISHED GRADE AND 24" MIN. ABOVE THE 100 YEAR FLOOD LEVEL.

**TYPICAL 6" WELL** (10) S-2  
SCALE: N.T.S.

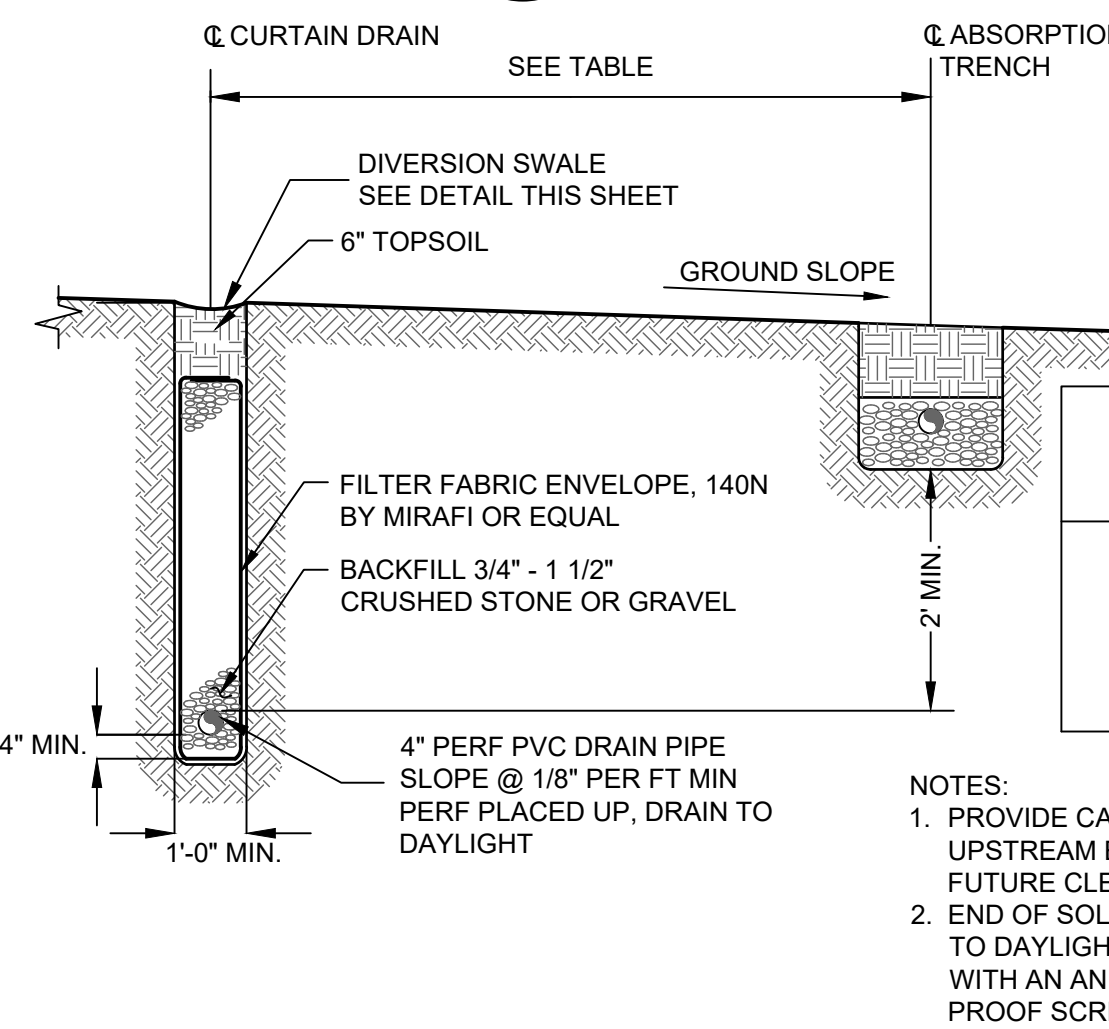


- NOTES:**
- WELL CONSTRUCTION TO CONFORM TO AWWA -100 LATEST REVISIONS AND SUBPART 5-1 APPENDIX 5B OF THE NYS SANITARY CODE. MINIMUM YIELD 5 GPM.
  - INSTALL TOP OF CASING MINIMUM 24" ABOVE ANY FLOOD LEVEL. IF THE DEPTH AT WHICH WATER CAN ENTER THE WELL IS LESS THAN 50', THEN EITHER A MIN. OF 50' OF CASING SHALL BE PROVIDED OR SEPARATIONS MUST BE INCREASED BY 50% IN ACCORDANCE WITH APPENDIX 5-B, TABLE 1, NOTE 1.



- NOTES:**
- ALL LATERALS IN USE SHALL BE EQUIPPED WITH A FLOW LEVELER.
  - FLOW LEVELERS SHALL NOT COMPENSATE FOR MORE THAN 1 1/4" DIFFERENCE IN LATERAL INVERT ELEVATIONS. THE DISTRIBUTION BOX SHALL BE RELEVELLED AND THE FLOW LEVELERS READJUSTED.
  - THE DISTRIBUTION BOX SHALL BE CHECKED 6-12 MONTHS AFTER INSTALLATION AND THE FLOW LEVELERS SHALL BE READJUSTED IF NECESSARY.

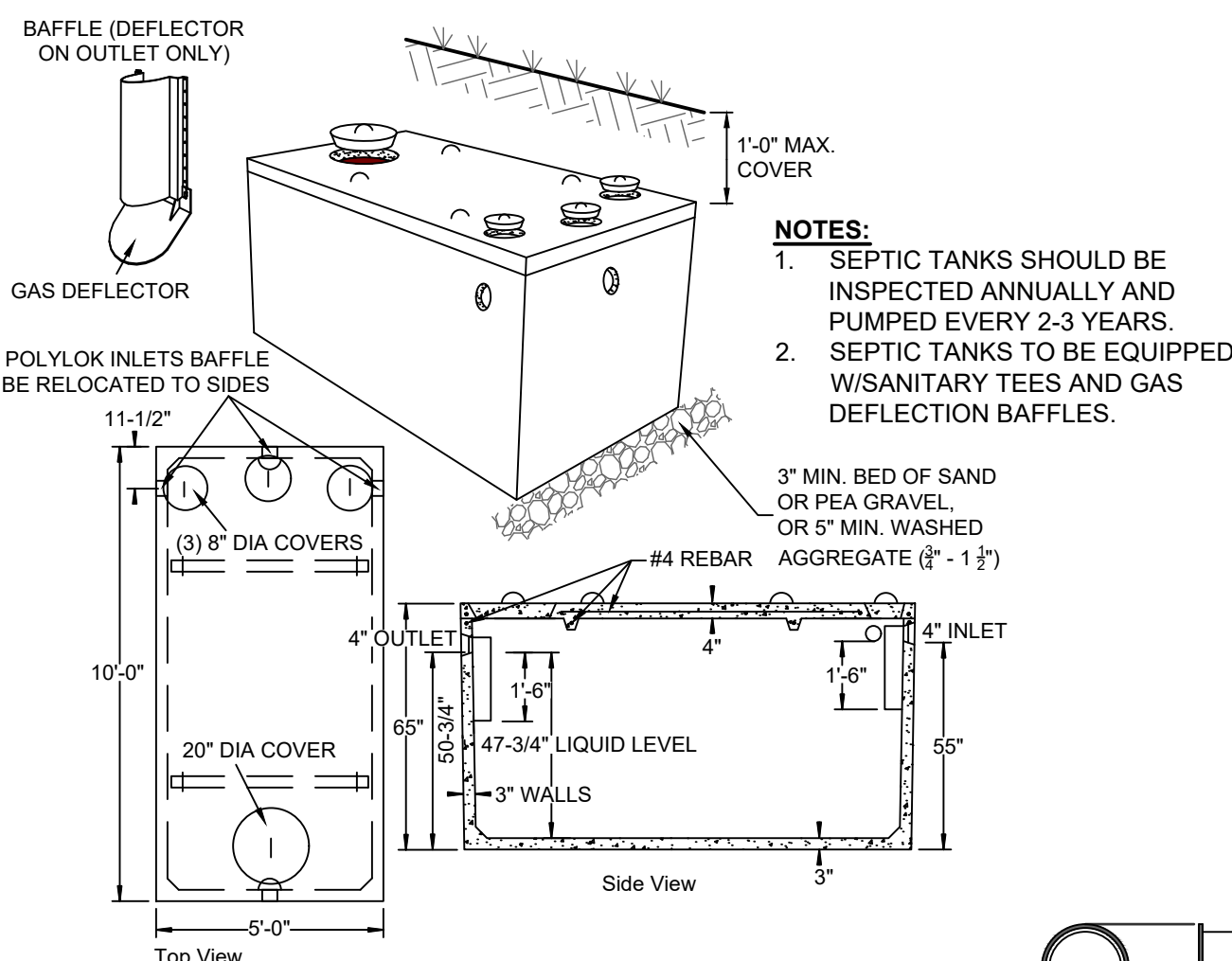
**FLOW LEVELER** (6) S-2  
SCALE: N.T.S.



GROUND SURFACE SLOPE %	UPGRADE SEPARATION DISTANCE (FT.)
≥5	15
4	20
3	25
2	30
1	35
<1	100

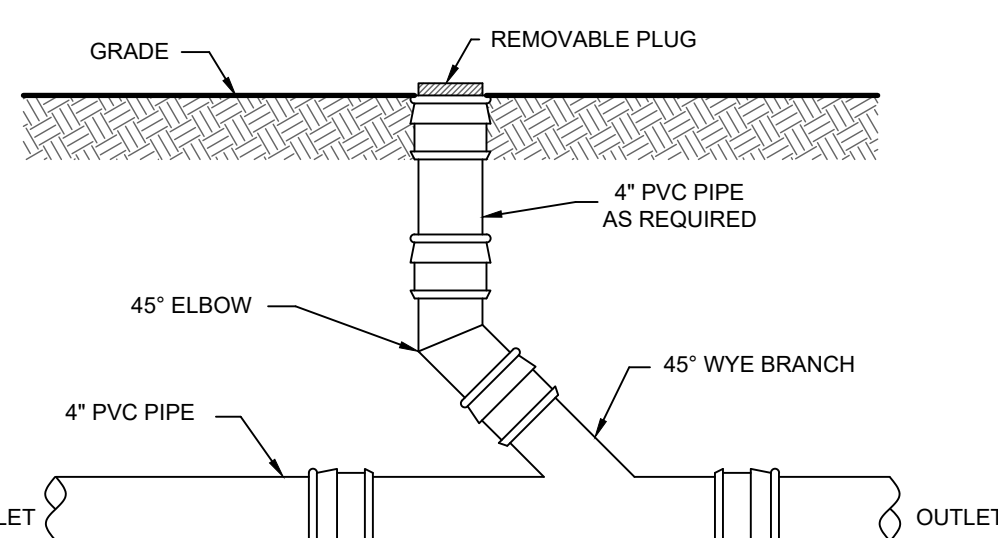
- NOTES:**
- PROVIDE CAPPED CLEANOUT AT UPSTREAM END TO FACILITATE FUTURE CLEANING.
  - END OF SOLID PIPE DISCHARGING TO DAYLIGHT IS TO BE EQUIPPED WITH AN ANIMAL GUARD / VERMIN PROOF SCREEN.

**TYPICAL CURTAIN DRAIN DETAIL** (8) S-2  
SCALE: N.T.S.

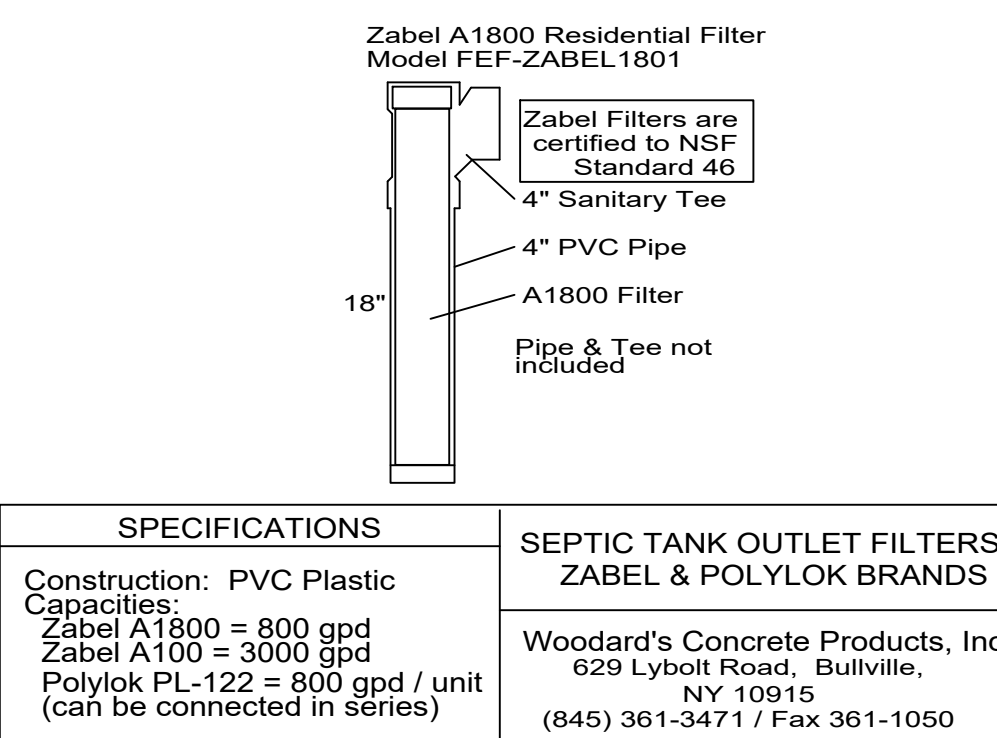


SPECIFICATIONS	PRECAST SEPTIC TANKS MODEL ST-1250 / 1250 GALLONS
Concrete Min. Strength: 4,000 psi at 28 days	
Reinforcement: #4 bar gr. 60, Forta Ferro 5 lb/cy	
Air Entrainment: 6%	
Construction Joint: Butyl Rubber Sealant Pipe	
Connection: Polylok Seal (patented)	
Weight = 9,500 lbs	
Load Rating: 300 psf	
	Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 / Fax 361-1050

**TYPICAL CONCRETE SEPTIC TANK** (2) S-2  
SCALE: N.T.S.



**TYPICAL CLEANOUT DETAIL** (3) S-2  
SCALE: N.T.S.



SPECIFICATIONS	SEPTIC TANK OUTLET FILTERS ZABEL & POLYLOK BRANDS
Construction: PVC Plastic	
Capacities:	
Zabel A1800 = 800 gpd	
Zabel A100 = 3000 gpd	
Polylok PL-122 = 800 gpd / unit (can be connected in series)	
	Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 / Fax 361-1050

**TYPICAL EFFLUENT FILTER FOR SEPTIC TANK** (7) S-2  
SCALE: N.T.S.

UNAUTHORIZED ALTERATION OR ADDITIONS TO A PLAN BEARING THE SEAL OF A LICENSED ENGINEER OR LAND SURVEYOR IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

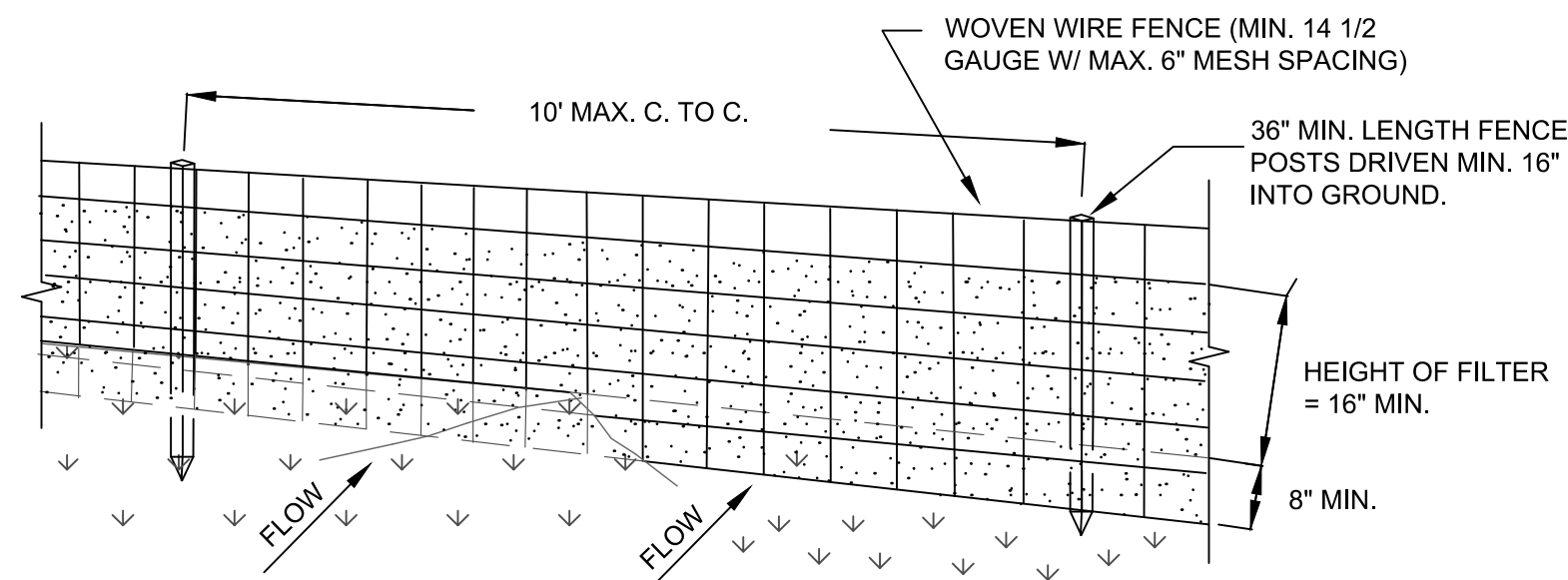
COPIES OF THIS DOCUMENT WITHOUT A FACSIMILE OF THE SIGNATURE AND AN ORIGINAL EMBOSSED SEAL OR ORIGINAL STAMP OF THE PROFESSIONAL ENGINEER OR LAND SURVEYOR SHALL NOT BE CONSIDERED VALID COPIES.

REVISIONS				
DWN BY	REV	DESCRIPTION	DATE	APPROVED
DO	0	FOR PERMIT	06/08/24	

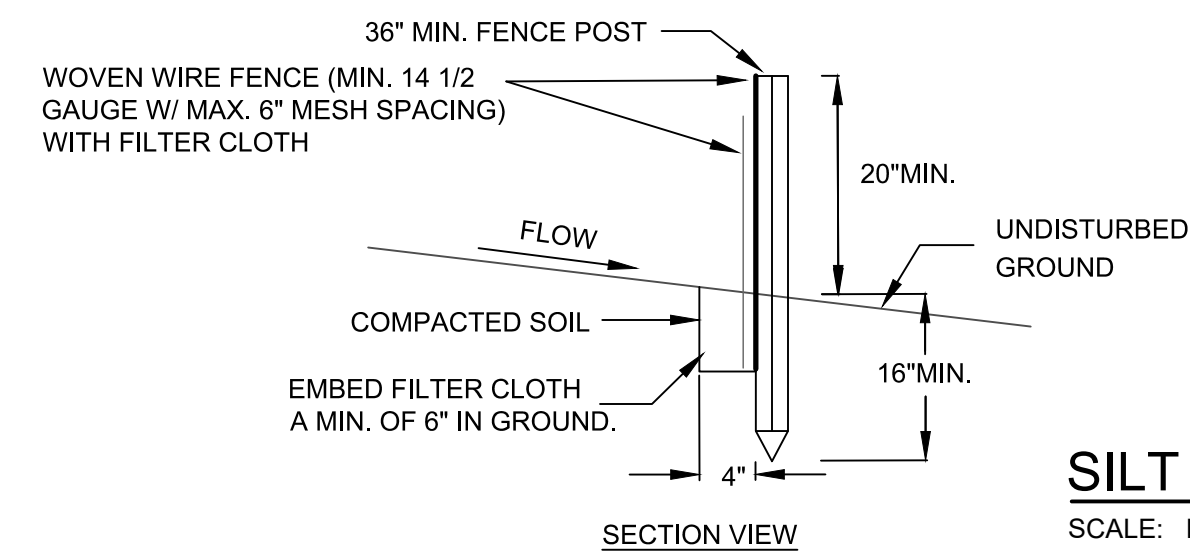
*John D. Fuller*

JOHN D. FULLER  
REG. NO. 077703

<b>JOHN D. FULLER, P.E., P.C.</b>		4 SOUTH STREET PORT JERVIS, NY 12771 (845) 856-1536
FORESTBURGH ROAD / COUNTY ROAD 42 SECTION 9 BLOCK 1 LOT 18.6 TOWN OF LUMBERLAND, NY		
DWG TITLE	<b>SEPTIC DETAILS</b>	DWG NO. <b>S-2</b>
SCALE	AS NOTED	JOB NO. 3081.002

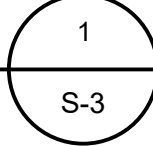


PERSPECTIVE VIEW



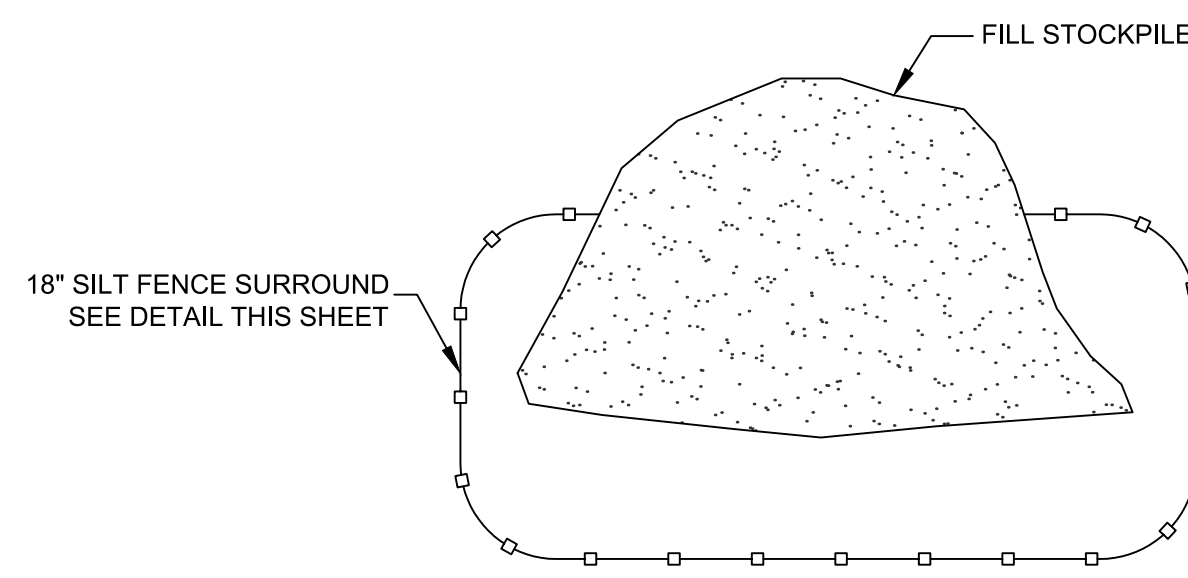
SILT FENCE DETAIL

SCALE: N.T.S.



CONSTRUCTION SPECIFICATIONS

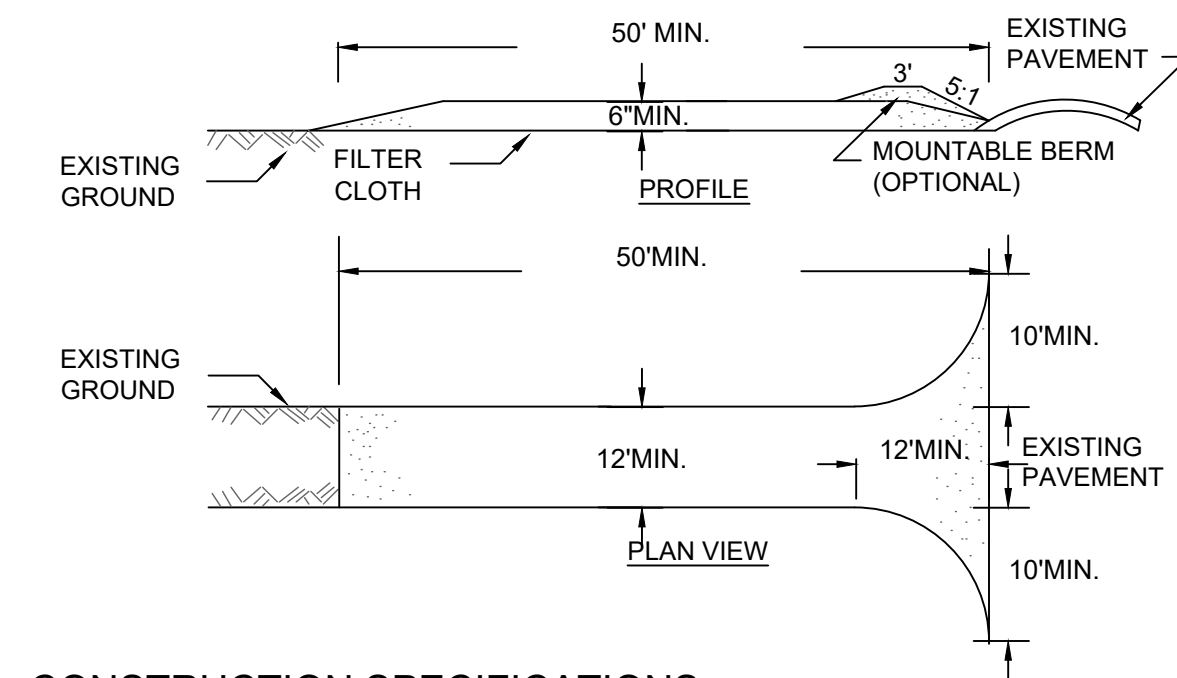
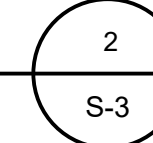
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



NOTE:  
STOCKPILE HEIGHTS MUST NOT EXCEED 35 FEET.  
STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.

STOCKPILE DETAIL

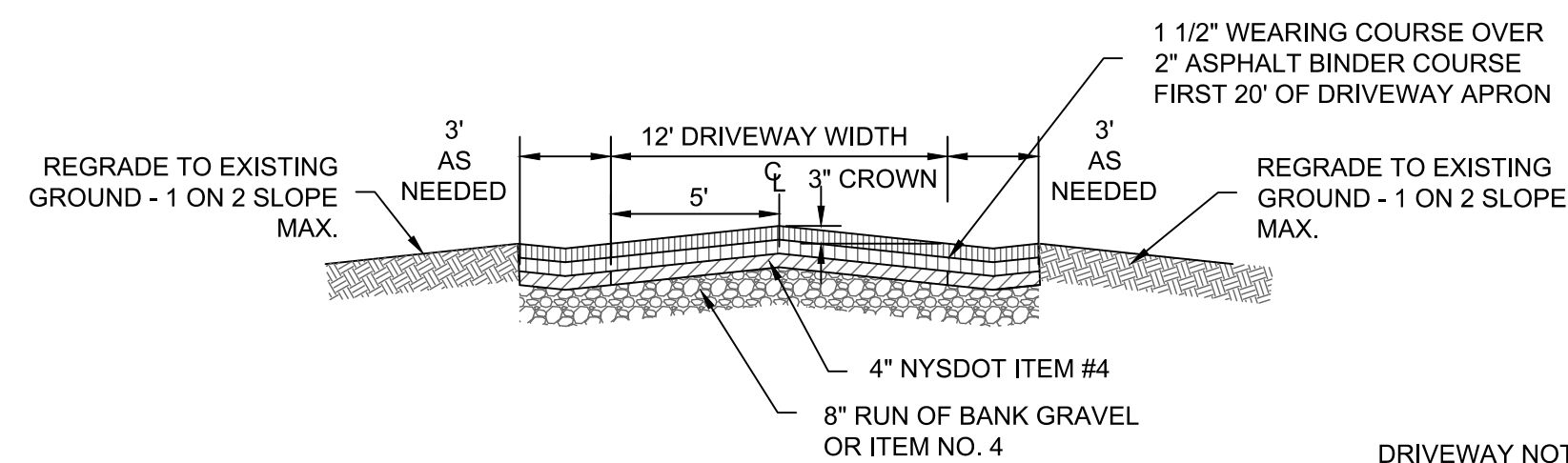
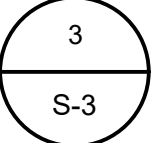
SCALE: N. T. S.



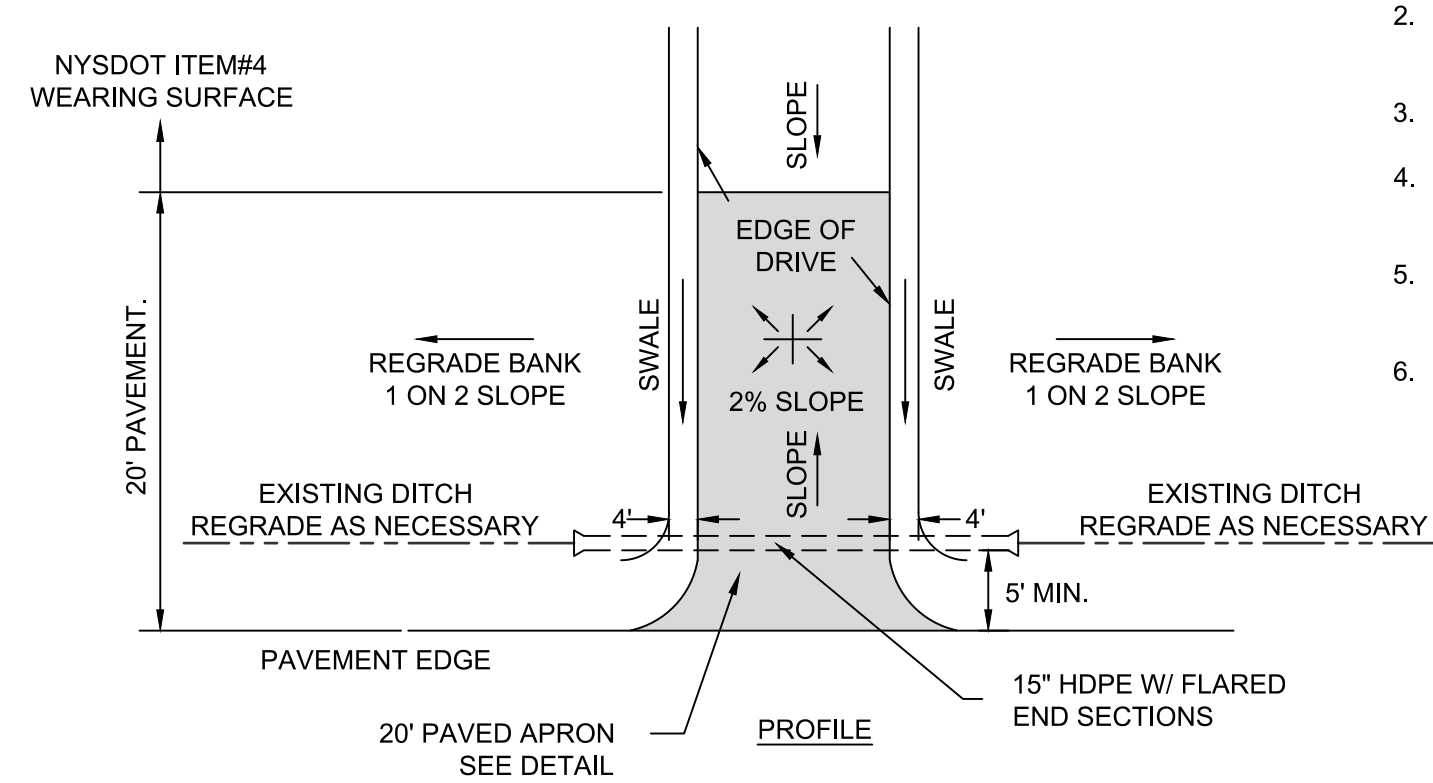
CONSTRUCTION SPECIFICATIONS

- STONE SIZE = USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH = NOT LESS THAN FIFTY (50) FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS = NOT LESS THAN SIX (6) INCHES.
- WIDTH = TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR. TWENTY-FOUR (24) FEET IF SINGLE ENTRANCE TO SITE.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

CONSTRUCTION ENTRANCE

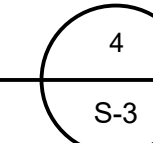


CROSS-SECTION



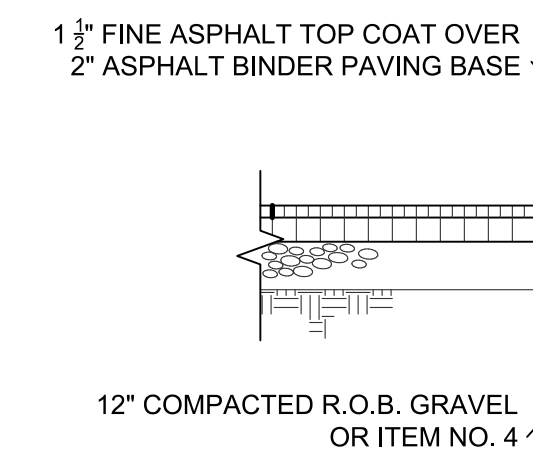
DRIVEWAY CONSTRUCTION

SCALE: N.T.S.



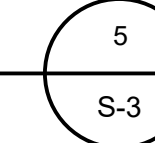
DRIVEWAY NOTES

- ALL DRIVEWAYS SHALL PROVIDE INTERNAL TURN-AROUNDS.
- ANY DRIVEWAY OVER 200' IN LENGTH SHALL BE CONSTRUCTED SO THAT NO SURFACE OR DRIVEWAY SURFACE WATER RUNS DOWN THE DRIVEWAY.
- THE DRIVEWAY ENTRANCES SHALL BE PAVED FOR A MINIMUM OF 20 FEET IN LENGTH.
- CULVERT REQUIREMENTS ARE 15" IN DIAMETER HDPE WITH FLARED END SECTIONS, MINIMUM OF 5 FEET FROM EDGE OF ROAD PAVEMENT.
- ALL CUT MATERIAL SHALL BE TAKEN AWAY FROM THE DRIVEWAY LOCATION TO AVOID SEDIMENTATION OF THE NEW CONSTRUCTION.
- ANY FILL SECTIONS SHALL BE COMPACTED TO A 70% PROCTOR.



PAVING DETAIL (APRON)

SCALE: N. T. S.



UNAUTHORIZED ALTERATION OR ADDITIONS TO A PLAN BEARING THE SEAL OF A LICENSED ENGINEER OR LAND SURVEYOR IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

COPIES OF THIS DOCUMENT WITHOUT A FACSIMILE OF THE SIGNATURE AND AN ORIGINAL EMBOSSED SEAL OR ORIGINAL STAMP OF THE PROFESSIONAL ENGINEER OR LAND SURVEYOR SHALL NOT BE CONSIDERED VALID COPIES.

REVISIONS				
DWN BY	REV	DESCRIPTION	DATE	APPROVED
DO	0	FOR PERMIT	06/08/24	

JOHN D. FULLER  
REG. NO. 077703

4 SOUTH STREET  
PORT JERVIS, NY 12771  
(845) 856-1536

**JOHN D. FULLER, P.E., P.C.**

FORESTBURGH ROAD / COUNTY ROAD 42  
SECTION 9 BLOCK 1 LOT 18.6  
TOWN OF LUMBERLAND, NY

DWG TITLE  
**CONSTRUCTION DETAILS**

DWG NO.  
**S-3**

SCALE AS NOTED  
JOB NO. 3081.002