

Talcott Engineering DESIGN, PLLC

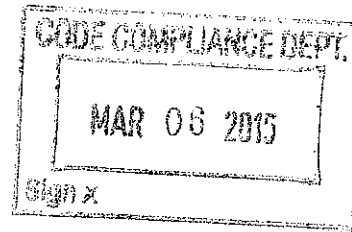
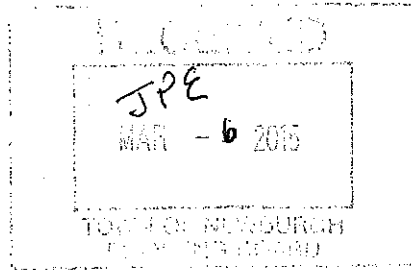
1 GARDNERTOWN ROAD ~ NEWBURGH, NY 12550
(845) 569-8400* ~ (fax) (845) 569-4583

Town of Newburgh
Planning Board
308 Gardnertown Road
Newburgh, NY 12550

March 6, 2015

Attn: John Ewasutyn, Chairman

Re: Kozlowski Subdivision
Town Project No. 2015-04
S-B-L: 2-1-9
Job No. 14112-MTK



Dear John:

Please be advised that Talcott Engineering has prepared a revised subdivision plan set for the above referenced subdivision for the March 19th public hearing. Said plan set has been revised to address the following:

Patrick Hines – McGoey, Hauser & Edsall, P.C. Comments dated 2/12/15

1. The requested note has been added to plans.
2. Curtain drains have been added to the two proposed septic systems.
3. These plans have been forwarded to Joe Safioti, esq., for the common driveway and access agreement.
4. These plans have been forwarded to the Town Highway Superintendent comment driveway.
5. The existing septic system is shown based on field verification.
6. The owners have no intention of keeping domestic animals.
7. The appropriate DEC Wetland notes have been added to plans

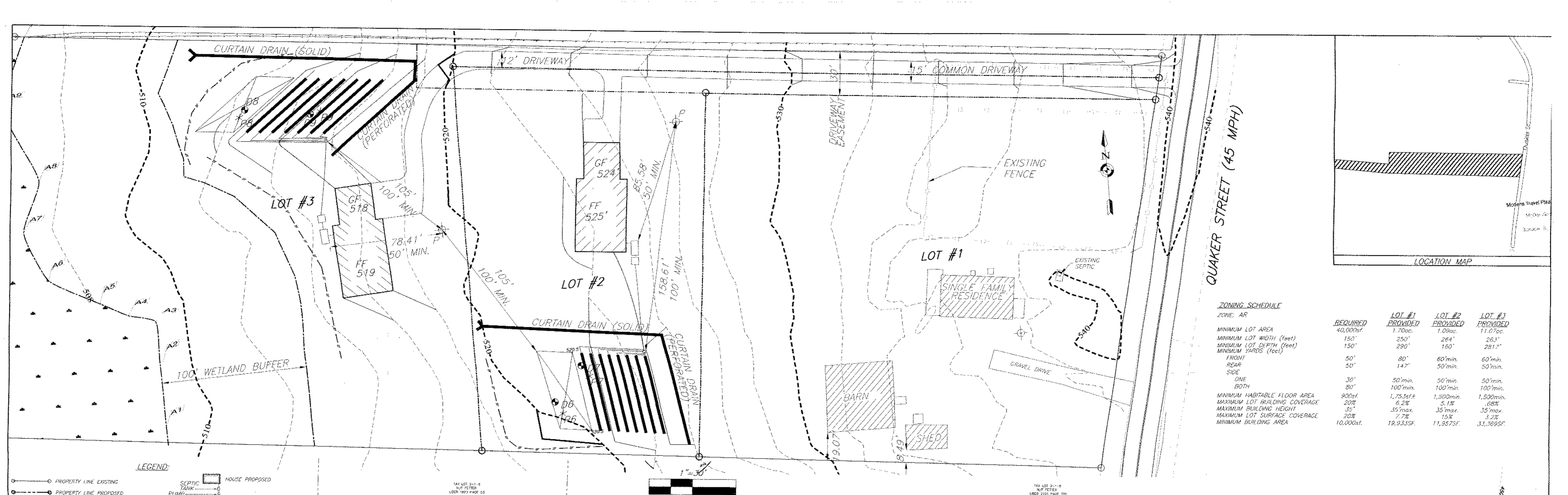
Attached are 12 plans sets of project plans. Should you have any questions or concerns, please do not hesitate to contact me at the number above.

Respectfully yours,

A handwritten signature in black ink, appearing to be "Charles T. Brown".

Charles T. Brown, P.E. -- President
Talcott Engineering Design, PLLC

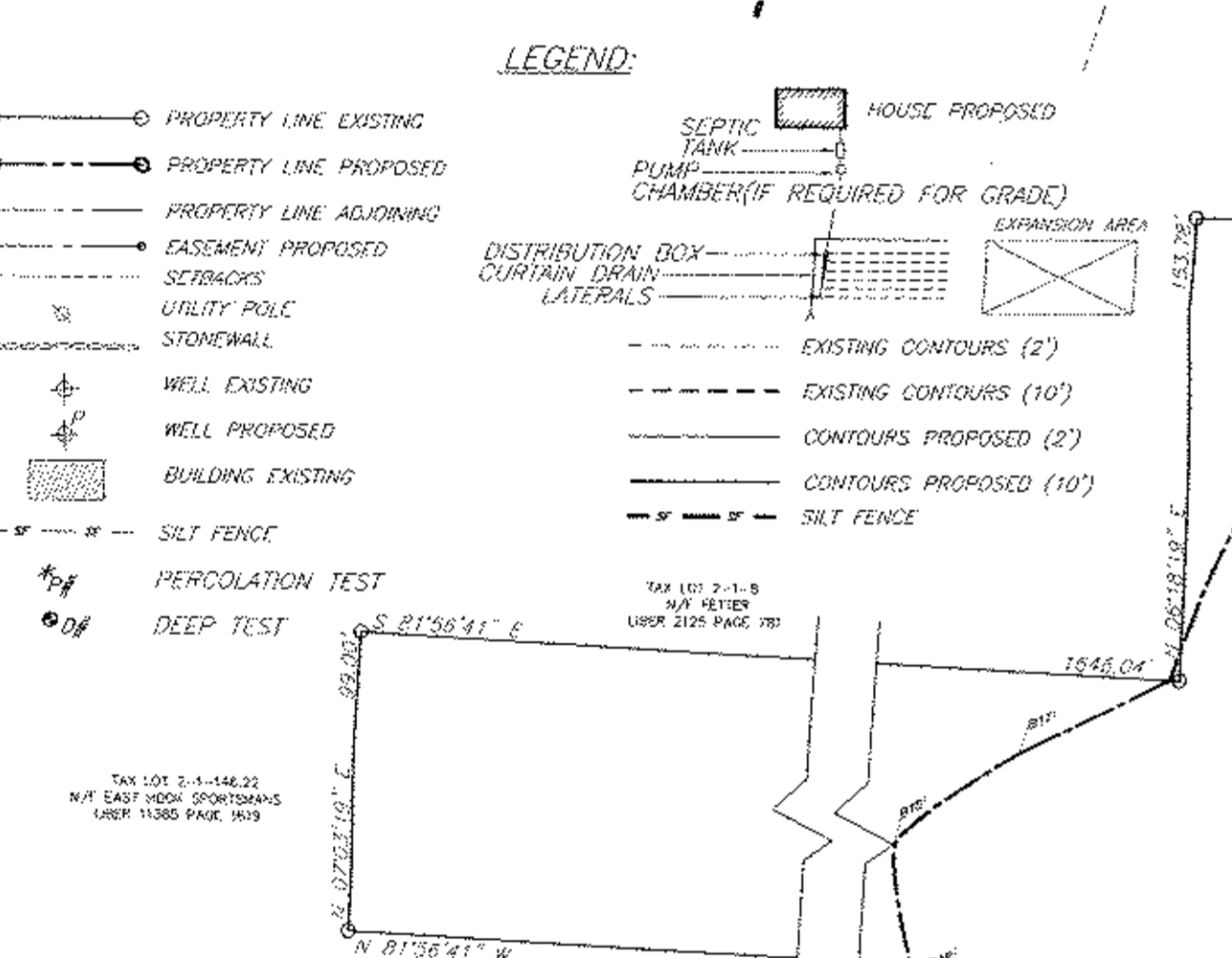
Pc: James Romano



ZONING SCHEDULE

ZONE: AR

	REQUIRED	LOT #1 PROVIDED	LOT #2 PROVIDED	LOT #3 PROVIDED
MINIMUM LOT AREA	40,000sf.	1,700sf.	1,080sf.	11,070sf.
MINIMUM LOT WIDTH (feet)	150'	250'	264'	263'
MINIMUM LOT DEPTH (feet)	150'	290'	160'	281'
FRONT YARDS (feet)	50'	80'	60'min.	60'min.
REAR YARDS (feet)	50'	147'	50'min.	50'min.
SIDE YARDS (feet)	30'	50'min.	50'min.	50'min.
ONE SIDE	30'	50'min.	50'min.	50'min.
BOTH SIDES	30'	50'min.	50'min.	50'min.
MINIMUM HABITABLE FLOOR AREA	900sf.	1,753sf±	1,500min.	1,500min.
MAXIMUM LOT BUILDING COVERAGE	20%	6.2%	5.1%	1.6%
MAXIMUM BUILDING HEIGHT	35'	35'max.	35'max.	35'max.
MAXIMUM LOT SURFACE COVERAGE	20%	7.7%	15%	3.2%
MINIMUM BUILDING AREA	10,000sf.	19,933sf.	11,957sf.	33,769sf.



SEPTIC DESIGN CRITERIA: LOT#2

- NO. OF BEDROOMS - 4 MAX
- SEPTIC TANK DESIGN - 1,250 GAL
- STABILIZED PERCOLATION RATE - 44 MIN/IN
- FLOW RATE (GALS./DAY) - 440 (4 B.R.); 330 (3 B.R.)
- DESIGN LENGTHS:
 - 4 BR PROVIDE 8 LATERALS @ 55' = 440 L.F. (440 L.F. REQ'D)
 - 3 BR PROVIDE 6 LATERALS @ 55' = 330 L.F. (330 L.F. REQ'D)
- FILL REQUIRED: 18" min. SHALLOW TRENCH SYSTEM (SEE DETAILS SHEET 2 OF 2)

SEPTIC DESIGN CRITERIA: LOT#3

- NO. OF BEDROOMS - 4 MAX
- SEPTIC TANK DESIGN - 1,250 GAL
- STABILIZED PERCOLATION RATE - 28 MIN/IN
- FLOW RATE (GALS./DAY) - 440 (4 B.R.); 330 (3 B.R.)
- DESIGN LENGTHS:
 - 4 BR PROVIDE 7 LATERALS @ 55' = 385 L.F. (387 L.F. REQ'D)
 - 3 BR PROVIDE 5 LATERALS @ 55' = 275 L.F. (275 L.F. REQ'D)
- FILL REQUIRED: 18" min. SHALLOW TRENCH SYSTEM (SEE DETAILS SHEET 2 OF 2)

PERCOLATION DATA: LOT#2

* P6	12" DEEP	10/03/14	1	2	3	4
FINISH	12:43	1:11	1:48	2:25		
START	12:34	12:44	1:12	1:49		
TIME	:09	:27	:36	:36		
STABILIZED PERCOLATION RATE: 36 MINUTES / INCH						

* P7	12" DEEP	10/03/14	1	2	3	4
FINISH	12:35	1:53	2:37	3:22		
START	1:19	1:42	1:53	2:38		
TIME	:16	:33	:44	:44		
STABILIZED PERCOLATION RATE: 44 MINUTES / INCH						

PERCOLATION DATA: LOT#3

* P8	12" DEEP	10/03/14	1	2	3	4
FINISH	10:56	11:18	11:46	12:14		
START	10:42	10:57	11:18	11:46		
TIME	:14	:21	:28	:28		
STABILIZED PERCOLATION RATE: 28 MINUTES / INCH						

* P9	12" DEEP	10/03/14	1	2	3	4	5
FINISH	11:08	11:21	11:36	11:54	12:13		
START	11:02	11:09	11:22	11:36	11:55		
TIME	:06	:12	:14	:18	:18		
STABILIZED PERCOLATION RATE: 18 MINUTES / INCH							

DEEP TEST DATA: LOT#2

* D6 66" DEEP 10/02/14
 0-6" TOPSOIL
 7"-66" GRAVELLY CLAY LOAM
 MOTTLING @ 24"; NO WATER, NO ROCK

* D7 80" DEEP 10/02/14
 0-6" TOPSOIL
 6"-24" SILT LOAM
 24"-80" GRAVELLY LOAM
 MOTTLING @ 31"; NO WATER, NO ROCK

DEEP TEST DATA: LOT#3

* D8 72" DEEP 10/02/14
 0-6" TOPSOIL
 6"-30" GRAVELLY CLAY LOAM
 30"-72" GRAVELLY CLAY LOAM
 MOTTLING @ 30"; NO WATER, NO ROCK

* D9 72" DEEP 10/02/14
 0-6" TOPSOIL
 6"-30" GRAVELLY CLAY LOAM
 30"-72" GRAVELLY CLAY LOAM
 MOTTLING @ 30"; NO WATER, NO ROCK

TOPOGRAPHY NOTE:
 VERTICAL DATUM PER STATIC GPS OPUS OBSERVATIONS.

WETLAND NOTE:
 WETLAND LOCATIONS ARE PER A FILED INSPECTION PERFORMED BY BIOLOGIST MIKE NOWICKI DURING NOVEMBER 2014.

RECORD OWNER'S CONSENT NOTE:
 THE UNDERSIGNED OWNERS OF THE PROPERTY HEREOF STATE THAT THEY ARE FAMILIAR WITH THIS PLAN, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON AND TO THE FILING OF THIS PLAN IN THE OFFICE OF THE CLERK OF THE COUNTY OF ORANGE, IF SO REQUIRED.

MARIE T KOZLOWSKI
 254 QUAKER ST
 WALKKILL, NY 12589

SURVEYORS CERTIFICATION

I HEREBY CERTIFY TO THE HEREOF LISTED PARTIES THAT THIS MAP REPRESENTS THE RESULTS OF AN ACTUAL ON THE GROUND FIELD SURVEY, PER RECORD DESCRIPTION, OF THE LAND SHOWN HEREOF, LOCATED AT 254 QUAKER STREET IN THE TOWN OF NEWBURGH, COUNTY OF ORANGE, STATE OF NEW YORK, COMPLETED ON 09-18-2014 PERFORMED IN ACCORDANCE WITH THE CURRENT EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC., AND IS TO THE BEST OF MY KNOWLEDGE, BELIEF AND INFORMATION, ACCURATE AND CORRECT, EXCEPT AS SHOWN HEREOF; THERE ARE NO ENROACHMENTS EITHER WAY ACROSS PROPERTY LINES; TITLE LINES AND LINES OF ACTUAL POSSESSION ARE THE SAME.

SIGNATURE _____ DATE _____

NYSDEC FRESHWATER WETLAND NOTE:

ANY PROPOSED CONSTRUCTION, GRADING, FILLING, EXCAVATING, CLEARING OR OTHER REGULATED ACTIVITY WITHIN THE STATE FRESHWATER WETLAND OR ADJACENT 100 FEET REQUIRES A PERMIT FROM THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION UNDER ARTICLE 24 OF THE ENVIRONMENTAL CONSERVATION LAW (FRESHWATER WETLANDS ACT) PRIOR TO THE COMMENCEMENT OF WORK.

CALL BEFORE YOU DIG... IT'S THE LAW

WHETHER YOU'RE LAYING A FOUNDATION FOR A BUILDING OR PLANTING A TREE, YOU MUST FIRST CHECK FOR THE EXISTENCE OF UNDERGROUND UTILITY LINES AND CABLES. IF YOU OR YOUR CONTRACTOR DISRUPT ANY OF THESE LINES, THE RESULTS CAN BE DANGEROUS - AND COSTLY - TO EVERYONE. CALL BEFORE YOU DIG, TOLL FREE, 811.

LOT NOTES:

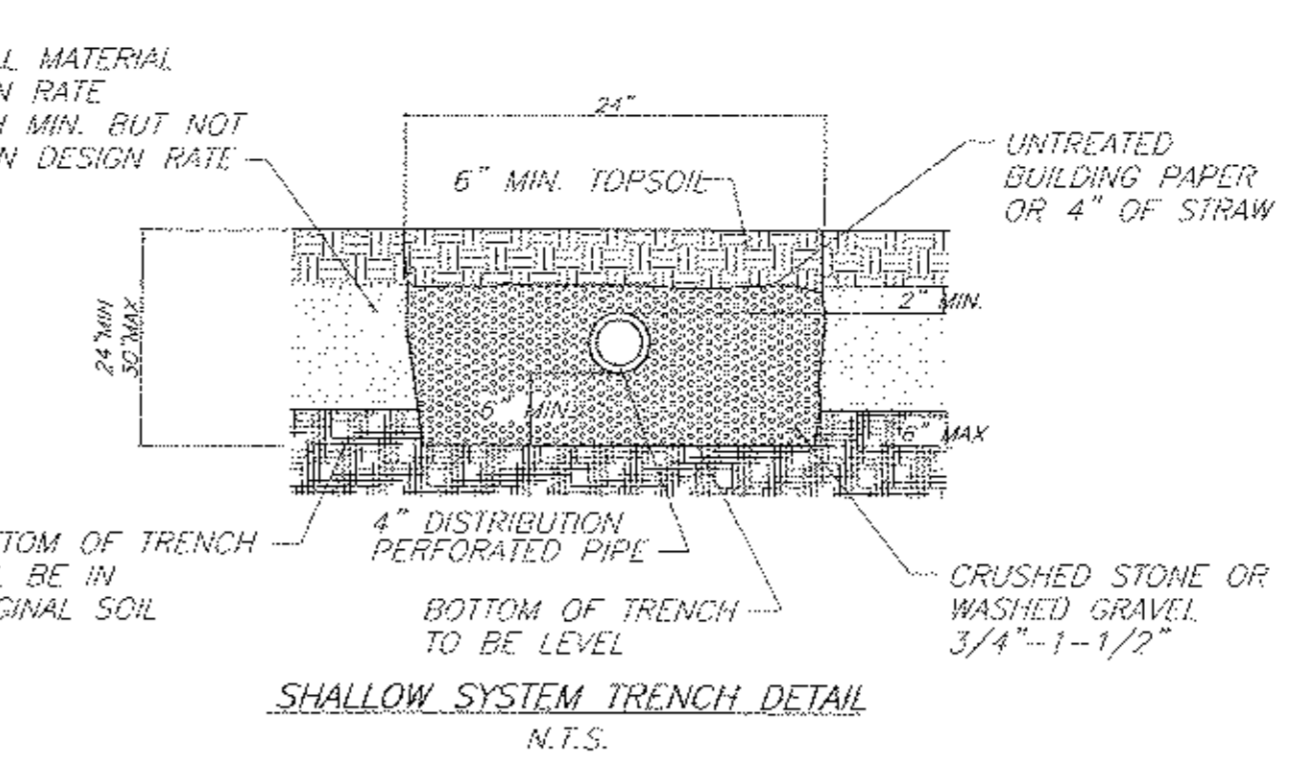
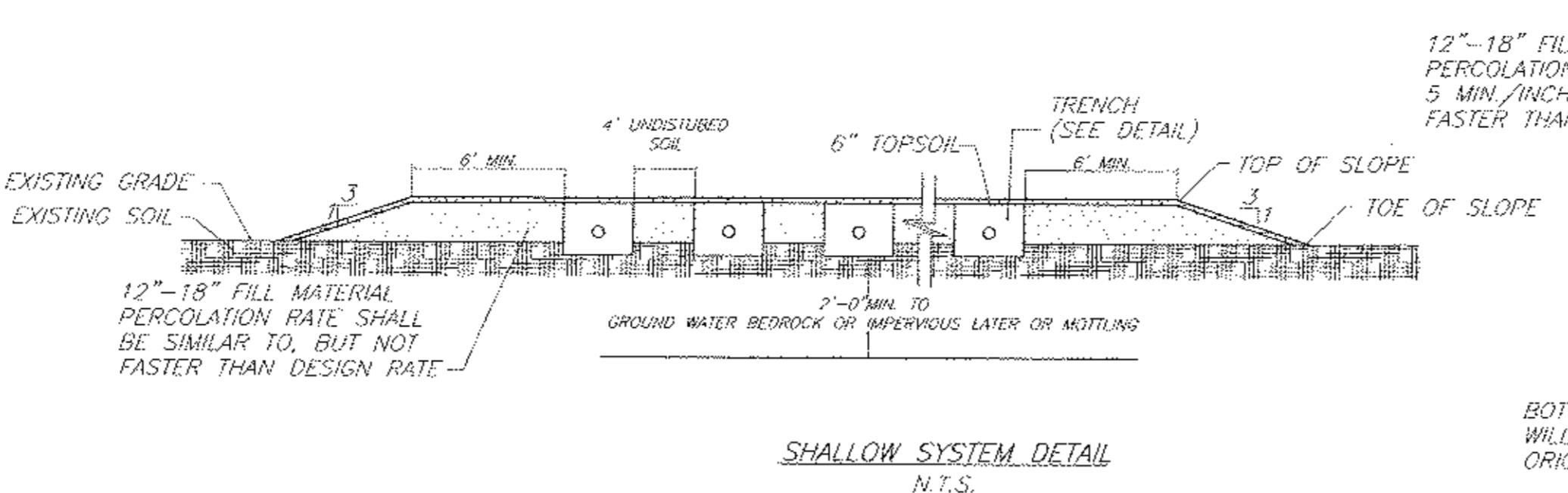
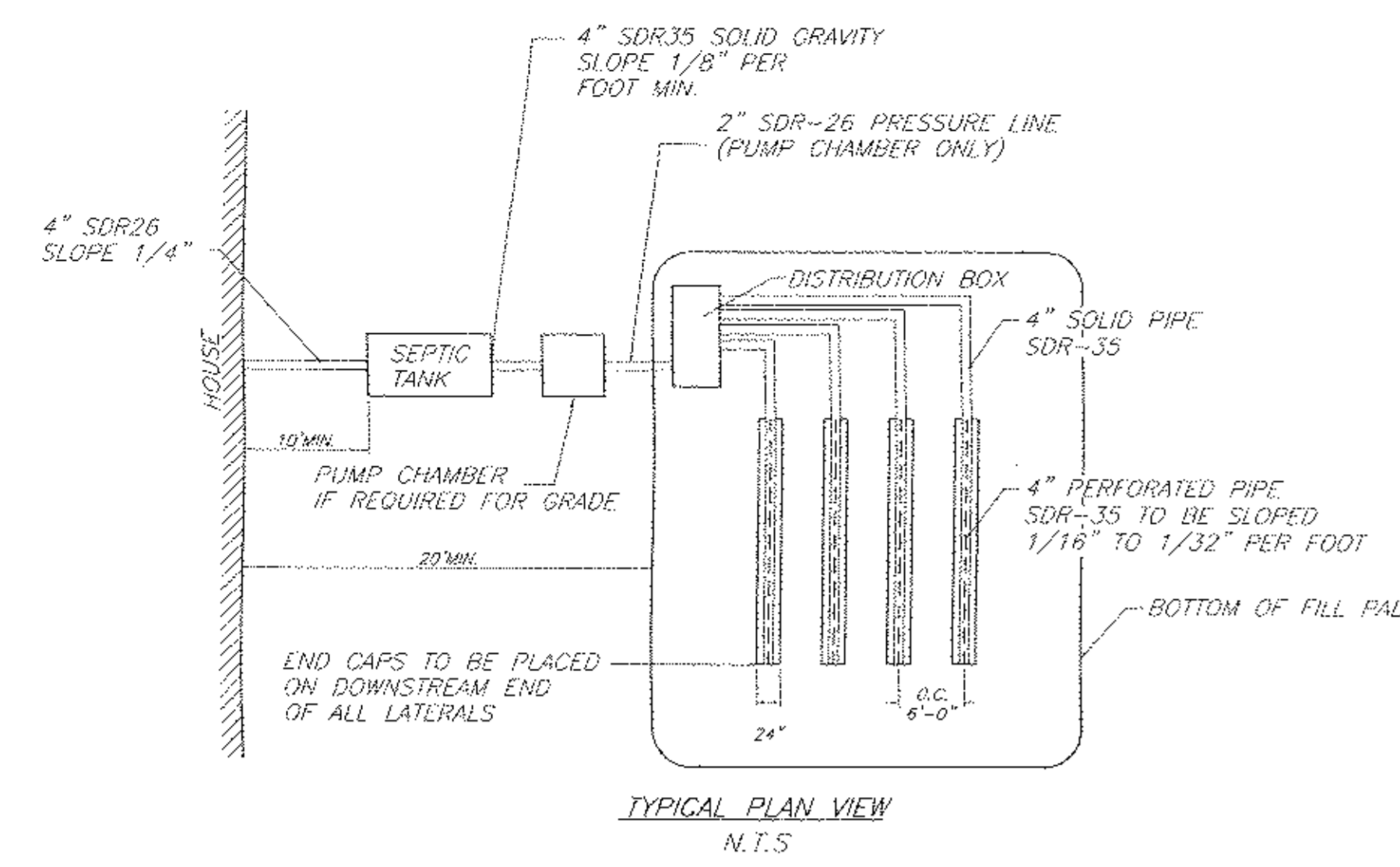
SUBMISSION OF CERTIFICATION AND AS-BUILT TO THE TOWN OF NEWBURGH CODE COMPLIANCE DEPARTMENT IS REQUIRED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR LOT 2.

PLANNING BOARD PROJECT #: 2015-04
 THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

REVISIONS

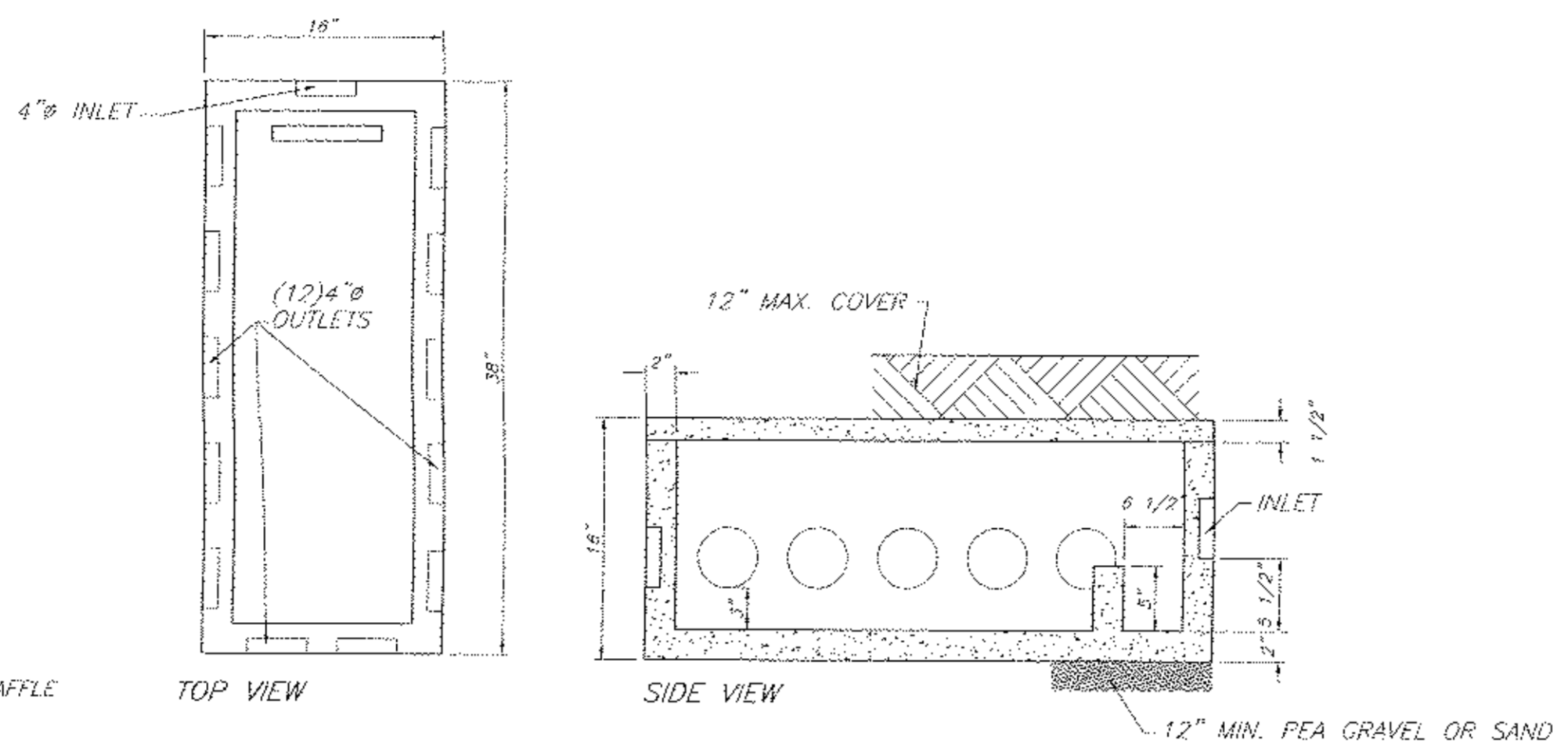
REV.	DATE	BY	DESCRIPTION
2	03/04/15	R.B.M.	PER P.B. AND SURVEYOR COMMENTS
1	02/20/15	R.B.M.	PER PLANNING BOARD COMMENTS

SURVEYOR	ENGINEER	TALCOTT ENGINEERING DESIGN PLLC	
		1 GARDNERTOWN ROAD NEWBURGH, NY 12550 (845)-569-8400 (FAX) (845)-569-4583 TALCOTTDESIGN12@GMAIL.COM	
		LOT LAYOUT PROPOSED SUBDIVISION KOZLOWSKI 254 QUAKER ST, SBL: 2-1-9 TOWN OF NEWBURGH, ORANGE COUNTY, NY	
DATE	SCALE	JOB NUMBER	SHEET NUMBER
02/05/15	AS NOTED	14112-MTK	1 OF 2



- 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.
 3. CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN 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 LINE 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 35' OF ANY WATER COURSE 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 ACCOMMODATE 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 COMPLETE DISPOSAL FACILITY.

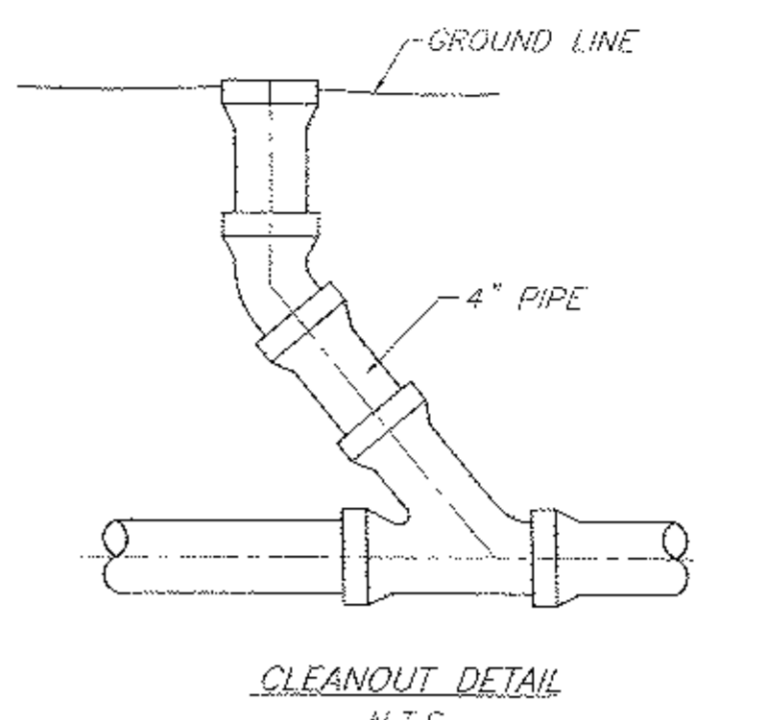
- NOTES:**
1. BOTTOM OF ALL TRENCHES SHALL NOT BE ABOVE ORIGINAL USABLE SOIL.
 2. MAXIMUM DEPTH OF USABLE FILL PLUS 6" OF TOPSOIL SHALL NOT EXCEED 30".
 3. MAXIMUM COVER OVER TRENCH AGGREGATE SHALL NOT EXCEED 12".



WOODARD'S 12 OUTLET DISTRIBUTION BOX OR EQUAL N.T.S.

SPECIFICATIONS

CONCRETE MINIMUM STRENGTH- 4,000 PSI AT 28 DAYS
 REINFORCEMENT- 6"x6" 10GA. W.W.F. #4 REBAR
 AIR ENTRAPMENT- 5%
 PIPE CONNECTION- POLYLOK SEAL (PATENTED)
 LOAD RATING- 300PSF WEIGHT- 325 LBS.



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:

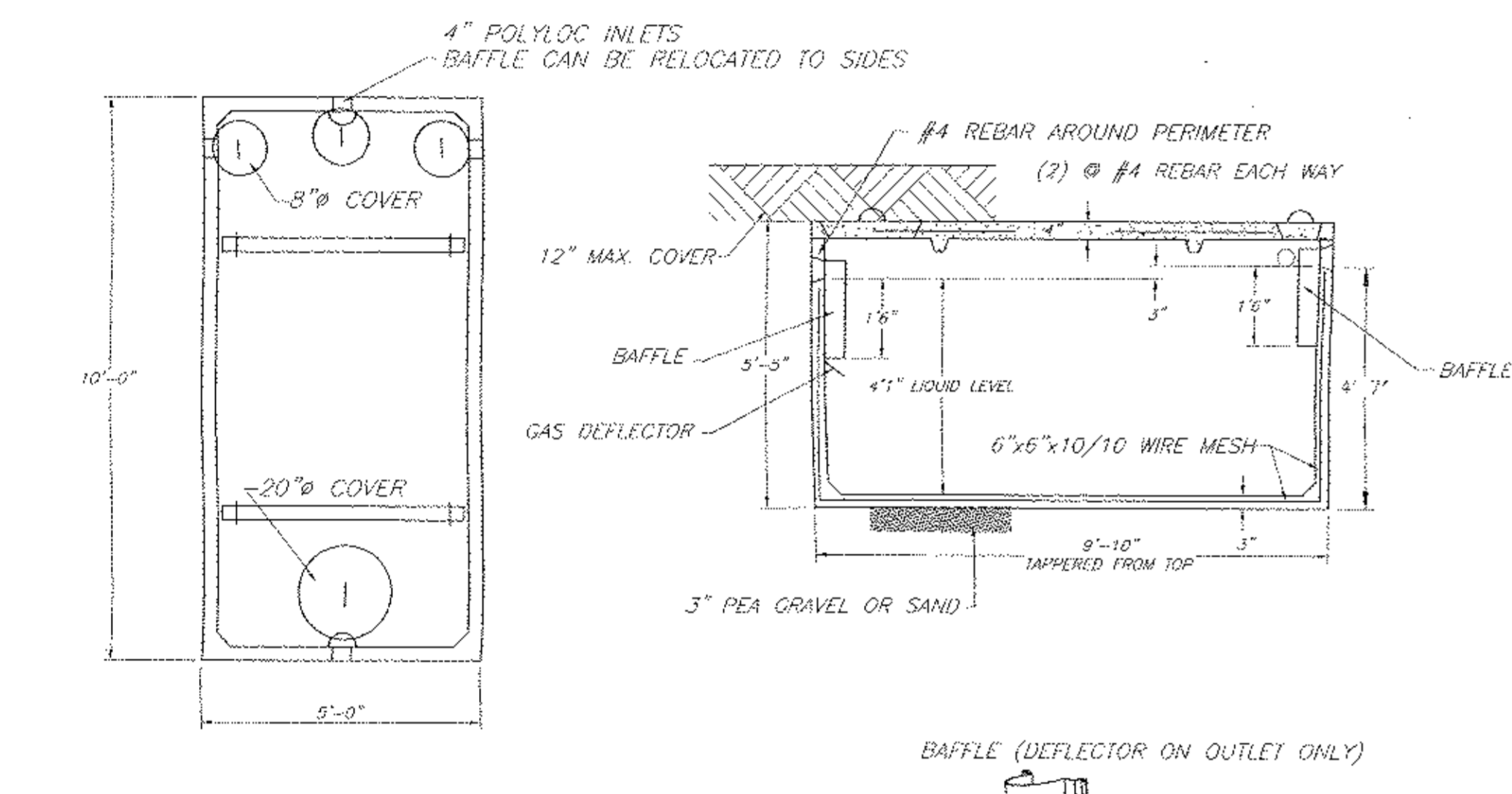
- "APPENDIX 75-A WASTE TREATMENT - INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE."
- "GREEN BOOK, RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEMS DESIGN HANDBOOK 2012"
- "RURAL WATER SUPPLY, NEW YORK STATE DEPARTMENT OF HEALTH."
- "PLANNING THE SUBDIVISION AS PART OF THE TOTAL ENVIRONMENT, 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.

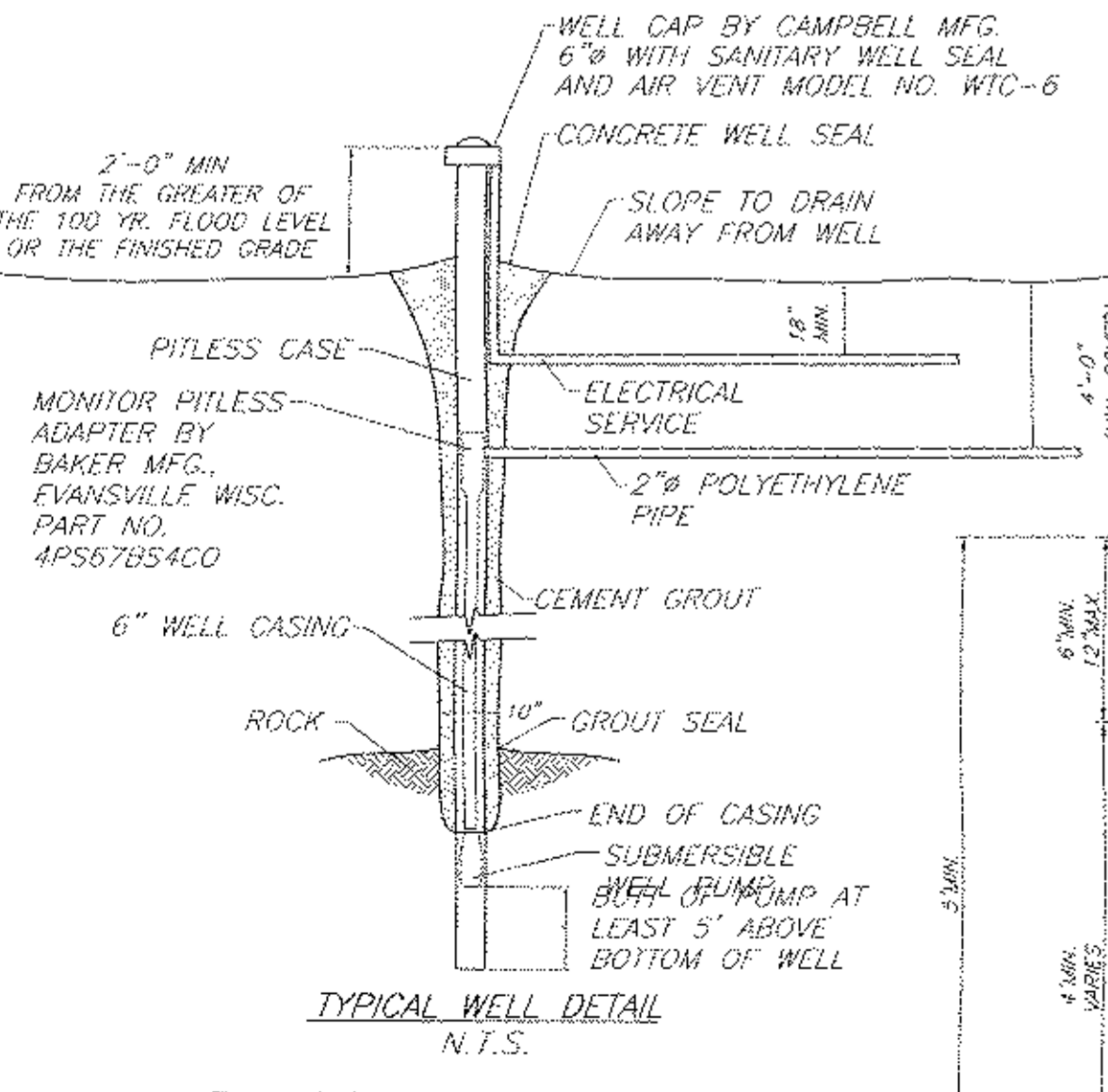
TRENCH BOTTOMS TO BE SET LEVEL AND PARALLEL TO EXISTING CONTOURS.



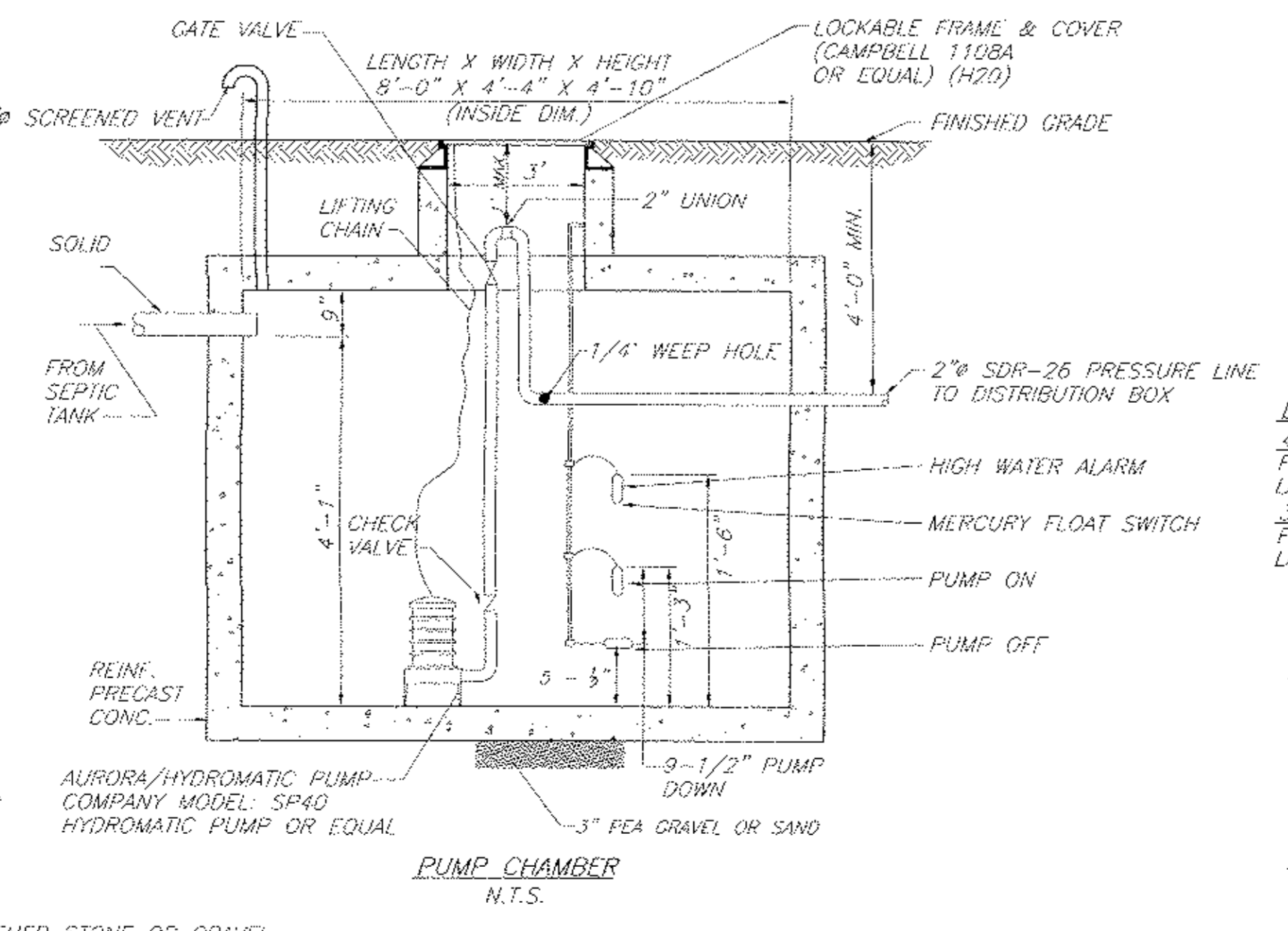
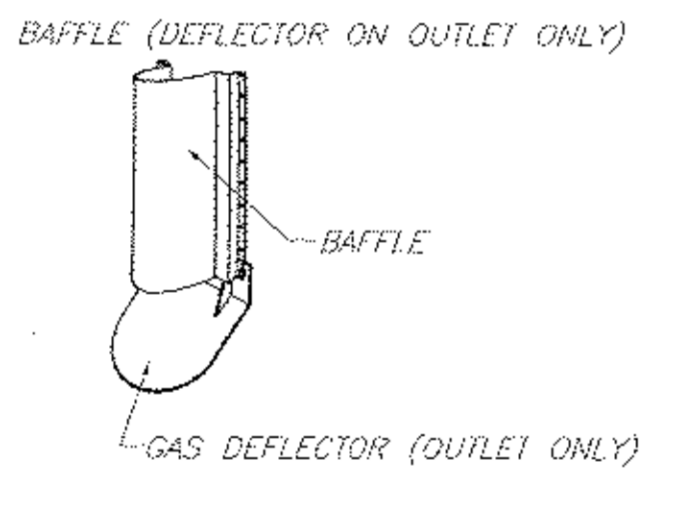
WOODARD'S 1250gal. SEPTIC TANK OR EQUAL N.T.S.

SPECIFICATIONS

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



- WELL NOTES:**
1. CASING DEPTH SHALL EXTEND AT LEAST 40" BELOW GROUND IN ANY CONDITION.
 2. WELL TO BE INSTALLED PER 10NYCRR PART 6.
 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.



- PUMP CHAMBER NOTES:**
1. CONTRACTOR SHALL DETERMINE LENGTHS OF REQUIRED ELECTRICAL CABLE AND AVAILABLE VOLTAGE PRIOR TO ORDERING EQUIPMENT.
 2. ALL WIRING SHALL CONFORM TO NATIONAL ELECTRICAL CODE & LOCAL CODE REQUIREMENTS.
 3. THE POWER AND CONTROL WIRING SHALL BE MADE DIRECTLY TO THE CONTROL PANEL WITHOUT AND OUTSIDE SPLICES. CONTROL PANEL TO BE LOCATED INSIDE BASEMENT OF HOUSE AUDIBLE ALARMS AND FLASHING LIGHT.
 4. A N.Y.S. PROFESSIONAL ENGINEER MUST CERTIFY TO THE CONSTRUCTION OF THE SYSTEM.
 5. QUANTITY Dosed IS BASED UPON 75% OF 4" PIPE AND 100% OF FORCE MAIN.
 6. QUANTITY STORED IS BASED UPON (1) DAYS FLOW MINIMUM.
 7. AS-BUILT MUST SHOW FORCE MAIN LOCATION.

PUMP CHAMBER DATA LOT#2

4 BEDROOM
 PUMP DOWN DEPTH: 10-1/2"
 STORAGE CALC.: 21.61 GALS/IN
 STORAGE DEPTH: 2'-8"
 DOSE QTY (GALS.): 226.9 GALS.
 STORAGE QTY (GALS.): 639.5 GALS.
 MAX. ELEV. DIFFERENTIAL: 20'

3 BEDROOM
 PUMP DOWN DEPTH: 8"
 STORAGE CALC.: 21.61 GALS/IN
 STORAGE DEPTH: 2'-8"
 DOSE QTY (GALS.): 172.9 GALS.
 STORAGE QTY (GALS.): 639.5 GALS.
 MAX. ELEV. DIFFERENTIAL: 20'

DOSING QUANTITY LOT#2

4 BEDROOM
 FORCE MAIN: 60' X 0.163GAL/LF = 9.78 GAL.
 LATS.: 75% X 440LF X 0.653GAL/LF = 215.49 GAL.
 TOTAL 225.27 GAL.

3 BEDROOM
 FORCE MAIN: 60' X 0.163GAL/LF = 9.78 GAL.
 LATS.: 75% X 330LF X 0.653GAL/LF = 161.62 GAL.
 TOTAL 171.40 GAL.

PUMP CHAMBER DATA LOT#3

4 BEDROOM
 PUMP DOWN DEPTH: 9"
 STORAGE CALC.: 21.61 GALS/IN
 STORAGE DEPTH: 2'-7"
 DOSE QTY (GALS.): 194.5 GALS.
 STORAGE QTY (GALS.): 669.9 GALS.
 MAX. ELEV. DIFFERENTIAL: 20'

3 BEDROOM
 PUMP DOWN DEPTH: 6 1/2"
 STORAGE CALC.: 21.61 GALS/IN
 STORAGE DEPTH: 2'-9 1/2"
 DOSE QTY (GALS.): 140.5 GALS.
 STORAGE QTY (GALS.): 723.9 GALS.
 MAX. ELEV. DIFFERENTIAL: 20'

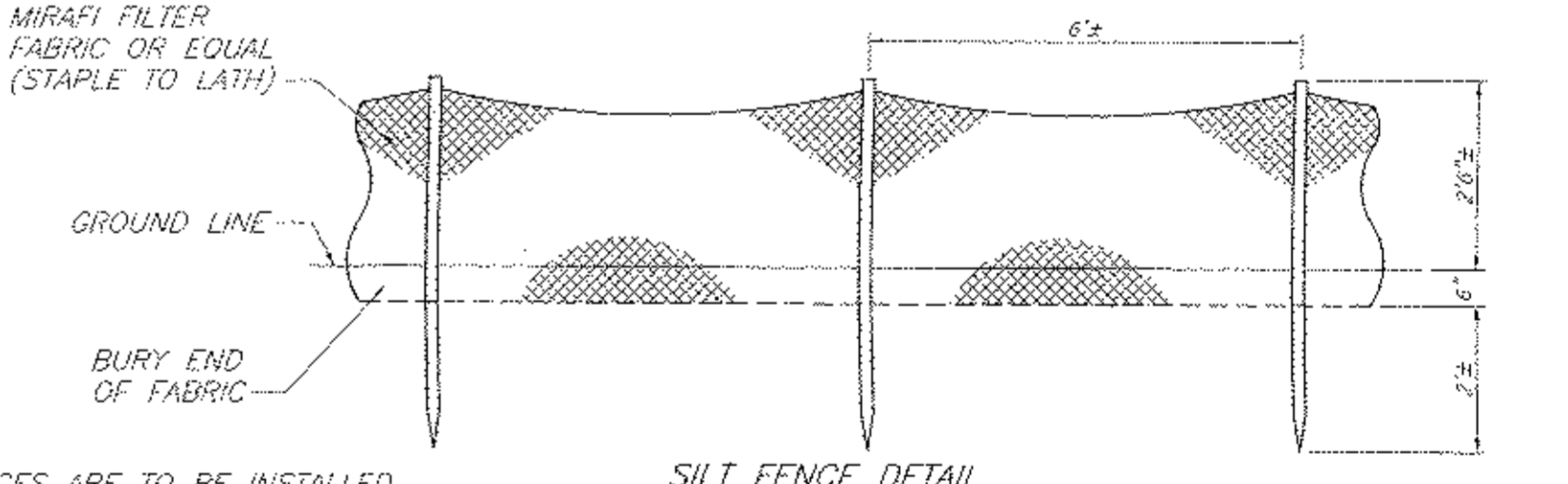
DOSING QUANTITY LOT#2

4 BEDROOM
 FORCE MAIN: 50' X 0.163GAL/LF = 8.15 GAL.
 LATS.: 75% X 385LF X 0.653GAL/LF = 188.55 GAL.
 TOTAL 196.70 GAL.

3 BEDROOM
 FORCE MAIN: 50' X 0.163GAL/LF = 8.15 GAL.
 LATS.: 75% X 275LF X 0.653GAL/LF = 134.68 GAL.
 TOTAL 142.83 GAL.

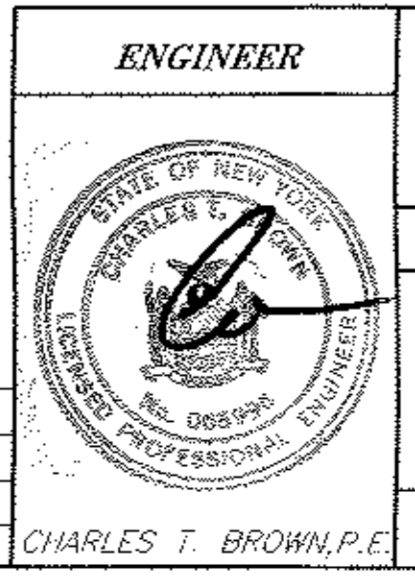


1. INSERT A SPEED LEVELER IN THE END OF ALL OUTLET PIPES IN THE DROPBOX.
 2. ROTATE UNTIL EFFLUENT ENTERS ALL OUTLETS EQUALLY.
- WOODARD'S SPEED LEVELER FSL-4 N.T.S.**



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

REV.	DATE	BY	DESCRIPTION
1	03/03/15 R.B.M.		PER P.B. AND SURVEYOR COMMENTS
1	02/20/15 R.B.M.		PKR PLANNING BOARD COMMENTS



PLANNING BOARD PROJECT # 2015-04
 THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

ENGINEER

TALCOTT ENGINEERING DESIGN PLLC
 1 GARDNERTOWN ROAD
 NEWBURGH, NY 12550
 (845)-569-8400
 (FAX)(845)-569-4583
 TALCOTTDESIGN12@GMAIL.COM

DETAILS

PROPOSED SUBDIVISION
KOZLOWSKI
 254 QUAKER ST, SBL 2-1-9
 TOWN OF NEWBURGH, ORANGE COUNTY, NY

DATE	SCALE	JOB NUMBER	SHEET NUMBER
02/05/15	AS NOTED	14112-MTK	2 OF 2