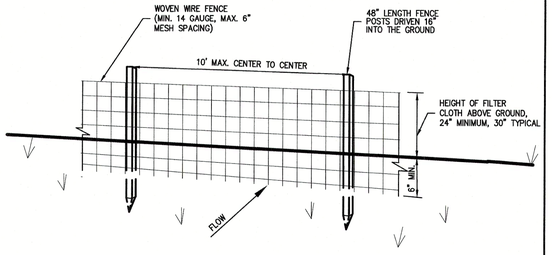
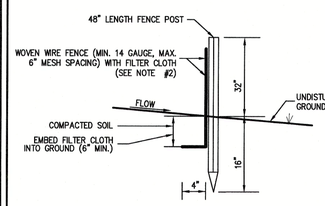


PERSPECTIVE VIEW



SECTION

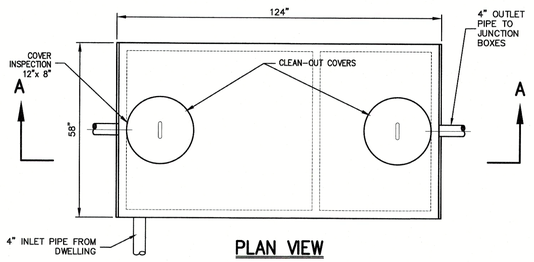
SLOPE	STEEPNESS	SLOPE LENGTH/FENCE LENGTH (FT.)
2–10%	50:1 TO 10:1	250/2000
10–20%	10:1 TO 5:1	150/1000
20–33%	5:1 TO 3:1	80/750
33–50%	3:1 TO 2:1	70/350
>50%	>2:1	30/175

*ALL SILT FENCES SHALL BE PLACED AS CLOSE TO THE DISTURBED AREA AS POSSIBLE, BUT AT LEAST 10 FEET FROM THE TOE OF A SLOPE STEEPER THAN 3H:1V, TO ALLOW FOR MAINTENANCE AND ROLL DOWN. THE AREA BEYOND THE FENCE MUST BE UNDISTURBED OR STABILIZED.

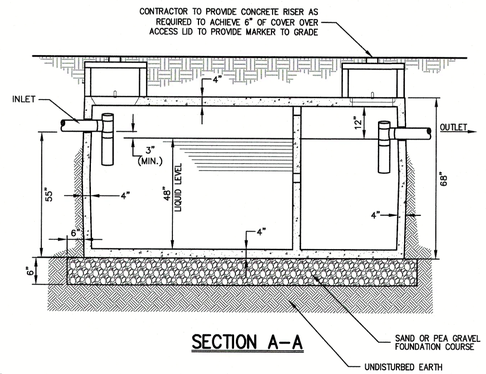
NOTES:

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

SILT FENCE 1



PLAN VIEW

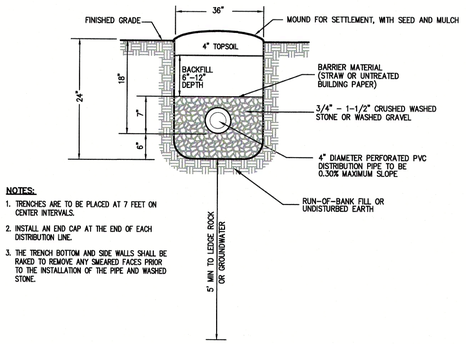


SECTION A–A

NOTES:

1. SEPTIC TANK SHALL BE M&M CONCRETE PRODUCTS, INC. PRODUCT NO. NY–1250–S.
2. CONCRETE MINIMUM STRENGTH: 4,000 PSI @ 28 DAYS.
3. TANK SHALL BE PLACED ON 6" BED OF SAND OR PEA GRAVEL.

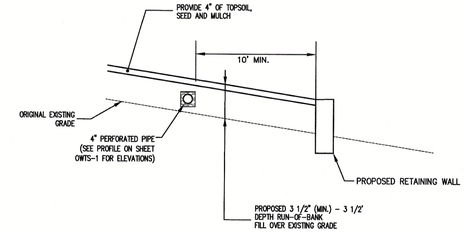
1,250 GALLON SEPTIC TANK 2



NOTES:

1. TRENCHES ARE TO BE PLACED AT 7 FEET ON CENTER INTERVALS.
2. INSTALL AN END CAP AT THE END OF EACH DISTRIBUTION LINE.
3. THE TRENCH BOTTOM AND SIDE WALLS SHALL BE RAKED TO REMOVE ANY SMEARED FACES PRIOR TO THE INSTALLATION OF THE PIPE AND WASHED STONE.

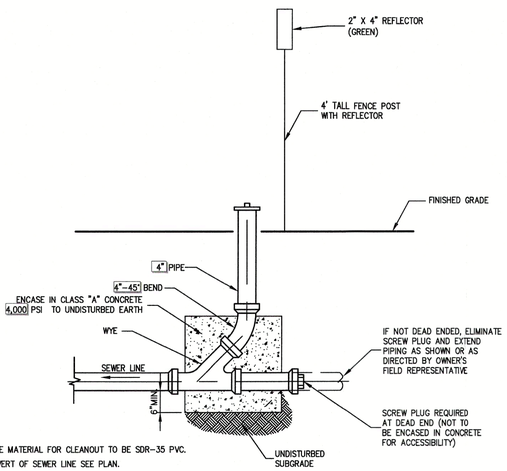
ABSORPTION TRENCH 3



NOTES:

1. A SETTLING PERIOD OF 1–3 MONTHS IS REQUIRED.

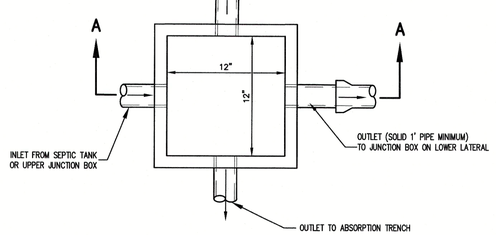
TYPICAL FILL SECTION 4



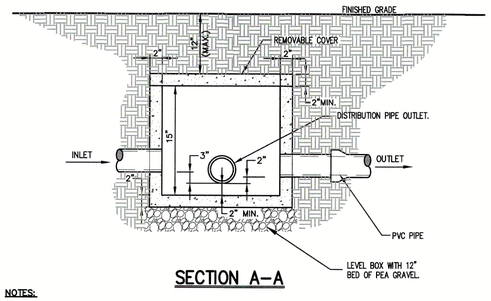
NOTES:

1. ALL PIPE MATERIAL FOR CLEANOUT TO BE SDR–35 PVC.
2. FOR INVERT OF SEWER LINE SEE PLAN.

CLEANOUT WITHOUT MANHOLE 5



PLAN VIEW

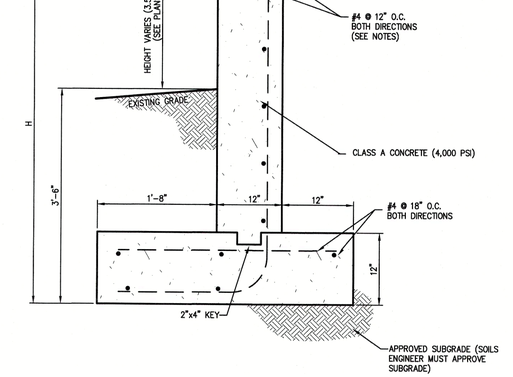


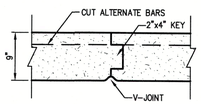
SECTION A–A

NOTES:

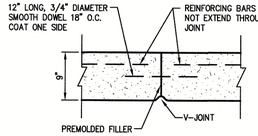
1. BOTTOM OF JUNCTION BOX MUST BE LEVEL AND SUPPORTED SOLIDLY TO BELOW FROST LINE. FOOTING TO EXTEND TO 42" BELOW GROUND LEVEL.
2. BOX TO BE PRECAST CONCRETE.
3. JUNCTION BOX SHALL BE PLACED ON SINGLE BRANCH DISTRIBUTORS.
4. TIGHT JOINT PIPE SHALL BE INSTALLED FROM SEPTIC TANK TO JUNCTION BOX AND BETWEEN ALL JUNCTION BOXES.

JUNCTION BOX 6





CONSTRUCTION JOINT

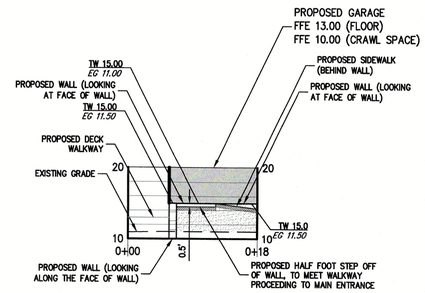


EXPANSION JOINT

NOTES:

1. EXPANSION JOINTS 75' O.C. SPACING
2. CONSTRUCTION JOINTS 25' O.C. SPACING
3. ALTERNATE VERTICAL BARS MAY BE CUT AT 1/2H

CONCRETE RETAINING WALL 7



PROPOSED WALKWAY AND WALL SECTION 8

SCALE: 1" = 10'

No.	Revision	Date
1.	RESPOND TO WCDOH COMMENTS	01/21/2021
2.	RESPOND TO WCDOH COMMENTS	03/08/2021
3.	RESPOND TO WCDOH COMMENTS	04/28/2021
4.	RESPOND TO WCDOH COMMENTS	05/24/2021

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OWTS CONSTRUCTION DETAILS

RESIDENTIAL DEVELOPMENT
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MAMARONECK, NY, 10543

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STATE OF NEW YORK
DAVID P. LOMBARDO
LICENSED PROFESSIONAL ENGINEER
071001
Richard Lombardo

APPROVED FOR CONSTRUCTION
MAY 25 2021
WESTCHESTER COUNTY DEPT. OF HEALTH
By: (Authorized Signature)

2/2

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Approved:	JAR
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Date:	10/16/2020
Project No:	18100
2020-DETAILS-WCDOH	OWTS-2
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Drawing No:
OWTS–2

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