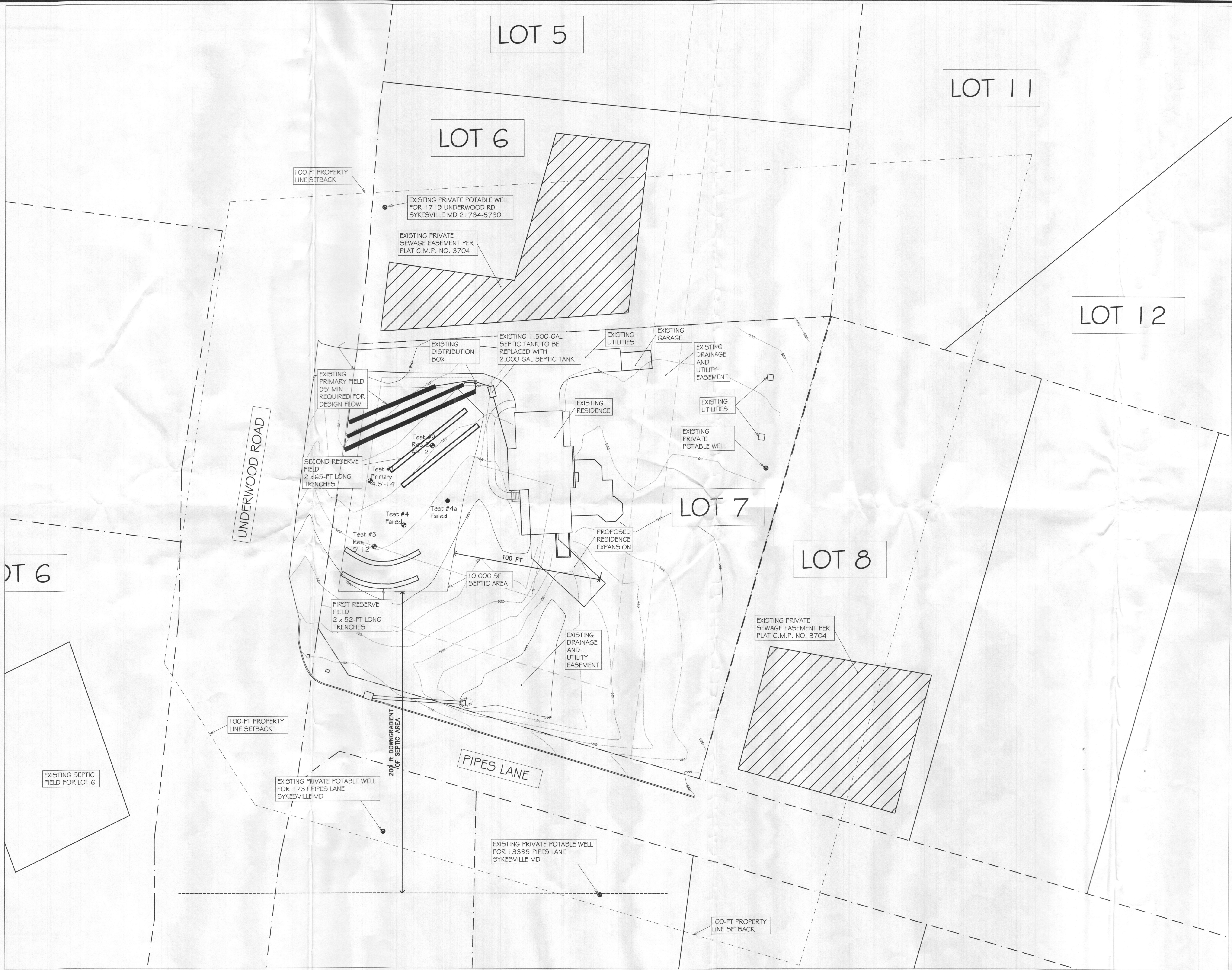


PLOTTED: Jun 07, 2023 - 3:45pm Q:\1230009 - Deitemyer_1723 Underwood Rd\03. Design\09. Drawings\01. AutoCAD\02. Civil\1723 Underwood Rd_sewer layout.dwg.....TabS-3



1723 UNDERWOOD DRIVE SITE PLAN

SCALE: 1" = 30'-0"



SEAL 6-7-2023
DATE

REVISIONS

REV #	DATE	DESCRIPTION

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR
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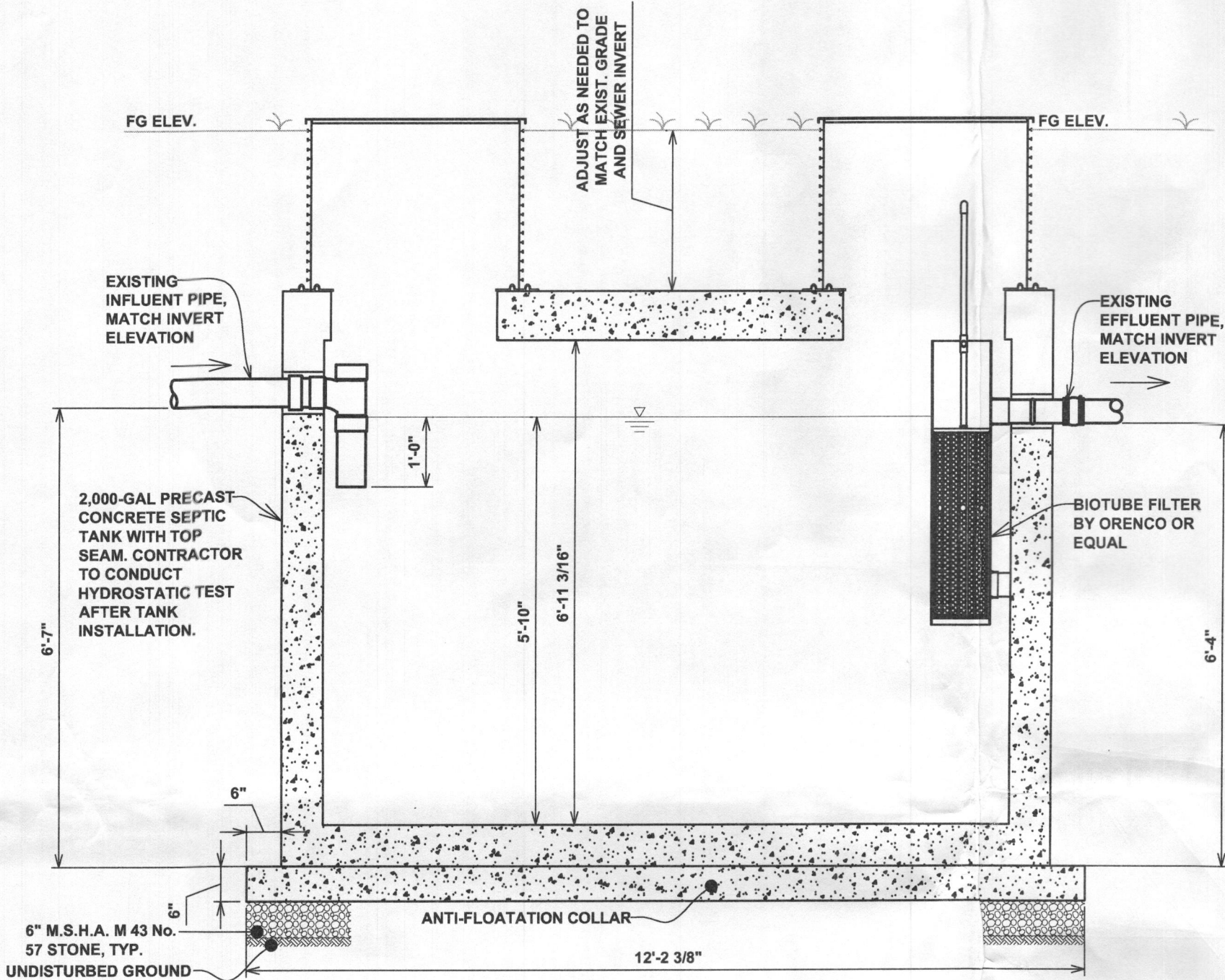
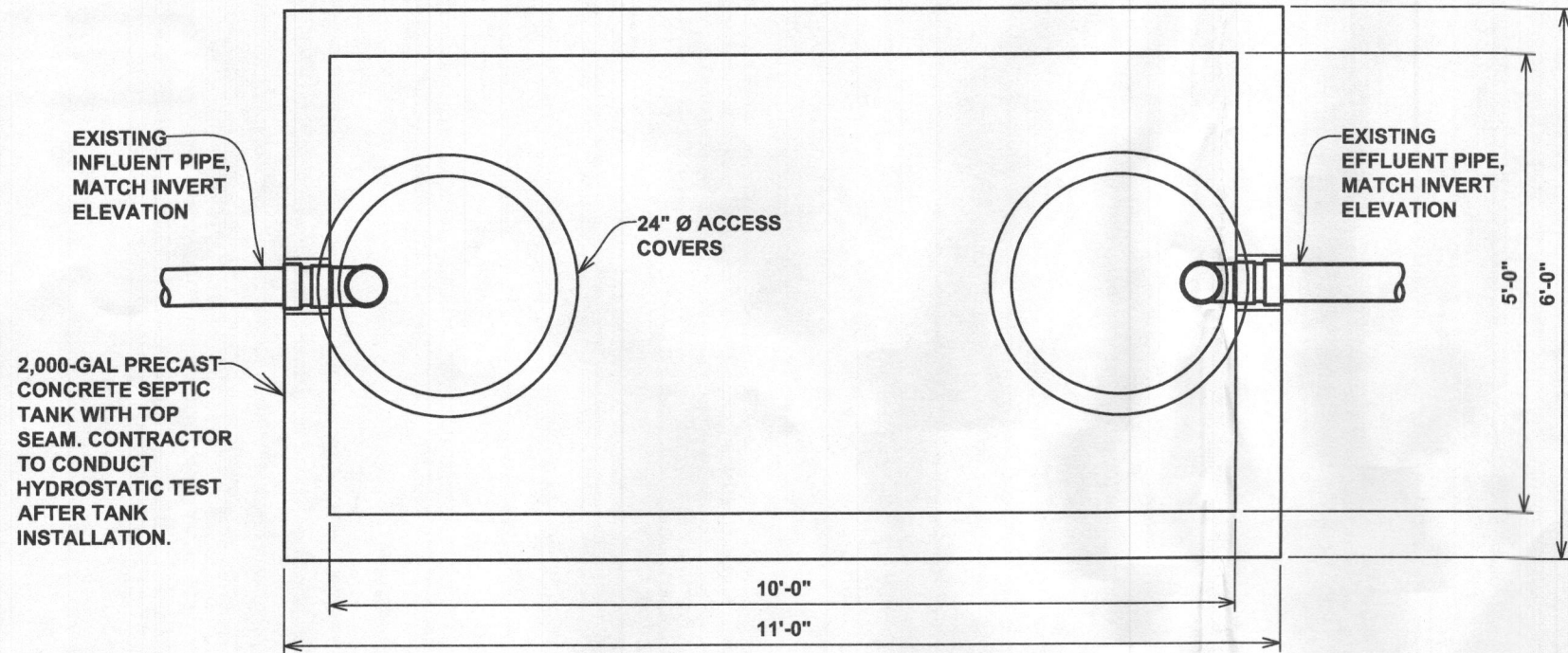
DATE:	JUNE 2023
JOB NUMBER:	C1150009
SCALE:	As Shown
DRAWN BY:	CAD
DESIGNED BY:	McCRONE
APPROVED BY:	RMS
FOLDER REFERENCE:	N/A

SEPTIC FIELD LAYOUT
1723 UNDERWOOD ROAD
SEPTIC SYSTEM

Sykesville, MD 21784
Howard County

SHEET NO.: **S-3**

DWG. NO.:
1723 Underwood Rd_sewer layout.dwg

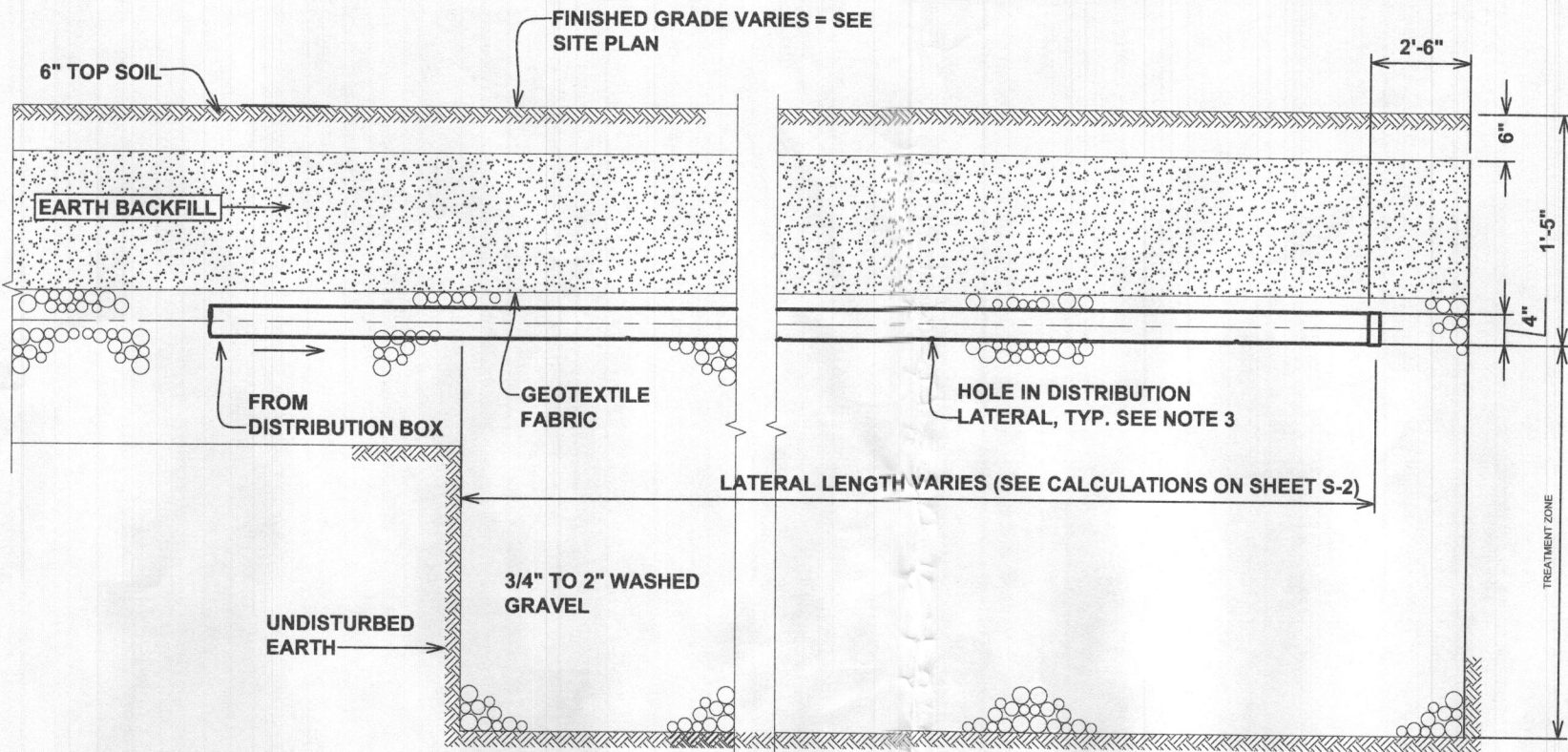


PROPOSED 2,000-GAL SEPTIC TANK

SCALE: 1" = 30'-0"

SEPTIC TANK NOTES

1. REPLACE THE EXISTING 1,500-GAL SEPTIC TANK WITH THE PROPOSED 2,000-GAL TANK.
2. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
3. SUPPLY TOP SEAM OF CONCRETE TANK ONLY. MID-SEAM IS NOT ALLOWED.
4. ALL REINFORCEMENT PER ASTM C1227.
5. TONGUE & GROOVE JOINT SEALED WITH BUTYL RESIN.
6. SUPPLY TANK RATED FOR H-20 LOADING.
7. THE EFFLUENT PIPE OF THE SEPTIC TANK SHALL BE EQUIPPED WITH EFFLUENT FILTER MODEL 3014-525 (PL-525) BY POLYLOK OR EQUAL.
8. THE FILTER MUST BE EQUIPPED WITH A PVC EXTENSION HANDLE THE FILTER MUST BE EQUIPPED WITH FILTER ALARM PANEL MODEL 3014A (SmartFilter Alarm Only). INSTALL ALARM PANEL BY THE SEPTIC TANK (OUTDOORS)



* SOIL COVER VARIES FOR EACH LATERAL WITH A MINIMUM COVER OF 0.5 FOOT.

LATERAL/TRENCH DETAIL

NOT TO SCALE

DRAINFIELD TRENCHES NOTES:

1. THE FILTER MATERIAL SHALL COVER THE PIPE AND EXTEND THE FULL WIDTH OF THE TRENCH AND SHALL BE NOT LESS THAN 8 INCHES DEEP BENEATH THE BOTTOM OF THE DRAINPIPE, AND 2 INCHES ABOVE THE TOP OF THE PIPE. THE FILTER MATERIALS SHALL BE WASHED GRAVEL, CRUSHED STONE, OR SLAG, RANGING IN SIZE FROM 1/4 TO 2 1/4 INCHES AND FREE OF FINES, DUST, ASHES, OR CLAY. THE FILTER MATERIAL SHALL BE COVERED BY GEOTEXTILE FABRIC SPECIALLY DESIGNED TO EXCLUDE SEDIMENT BUT ALLOW THE PASSAGE OF WATER.
2. THE MINIMUM SIZE PIPE SHALL BE FOUR INCHES (4");
3. DISPOSAL LINES SHALL BE CONSTRUCTED OF NOT LESS THAN FOUR INCH (4") PERFORATED PLASTIC PIPE PVC SDR 35. THE PERFORATED PIPE SHALL CONTAIN 3 ROWS OF PERFORATIONS. EACH ROW OF PERFORATIONS SHALL CONSIST OF A MINIMUM OF 20 FIVE-EIGHTHS INCH DIAMETER HOLES FOR A 10-FOOT SECTION OF PIPE.
4. THE TRENCH BOTTOM SHALL BE UNIFORMLY GRADED TO SLOPE NO MORE THAN FOUR INCHES (4") PER ONE HUNDRED FEET (100'). THE DRAINFIELD PIPE SHALL BE LAID AT THE SAME PITCH AS THE BOTTOM OF THE DRAINFIELD TRENCH;
5. DRAINFIELD TRENCH EXCAVATIONS MUST BE INSPECTED BEFORE THE ADDITION OF AGGREGATE UNLESS AN ALTERNATIVE ARRANGEMENT HAS BEEN MADE WITH THE APPROVING AUTHORITY;
6. DISTRIBUTION LATERAL TO BE INSTALLED ON LEVEL GRADE. ELEVATIONS PER INVERTS TABLE.

SEPTIC FIELD LAYOUT

1723 UNDERWOOD ROAD
SEPTIC SYSTEM

Sykesville, MD 21784
Howard County

SHEET NO.:

S-4

DWG. NO.:

1723 Underwood Rd_sewer layout.dwg

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REV. #	DATE	DESCRIPTION

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