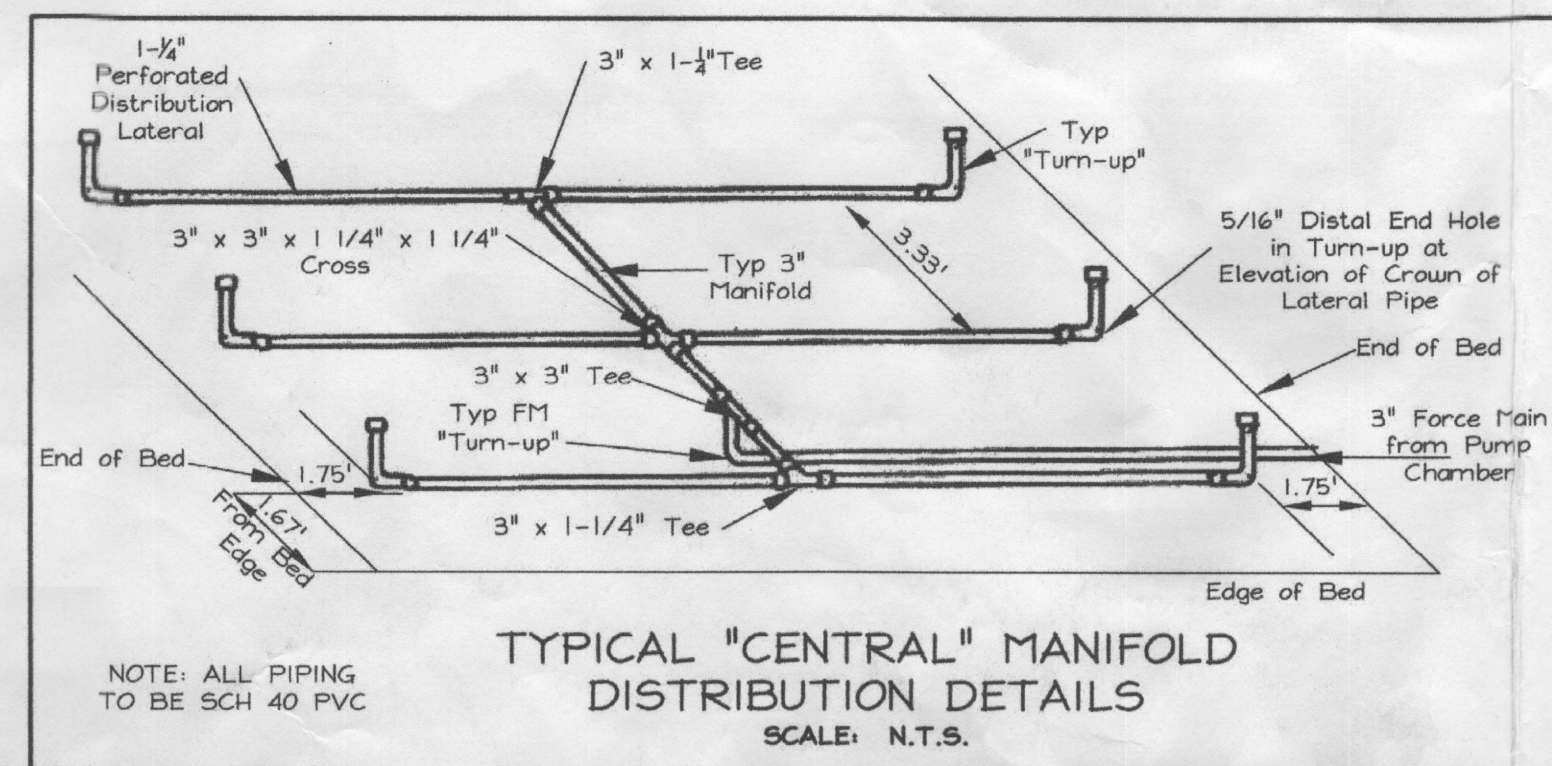
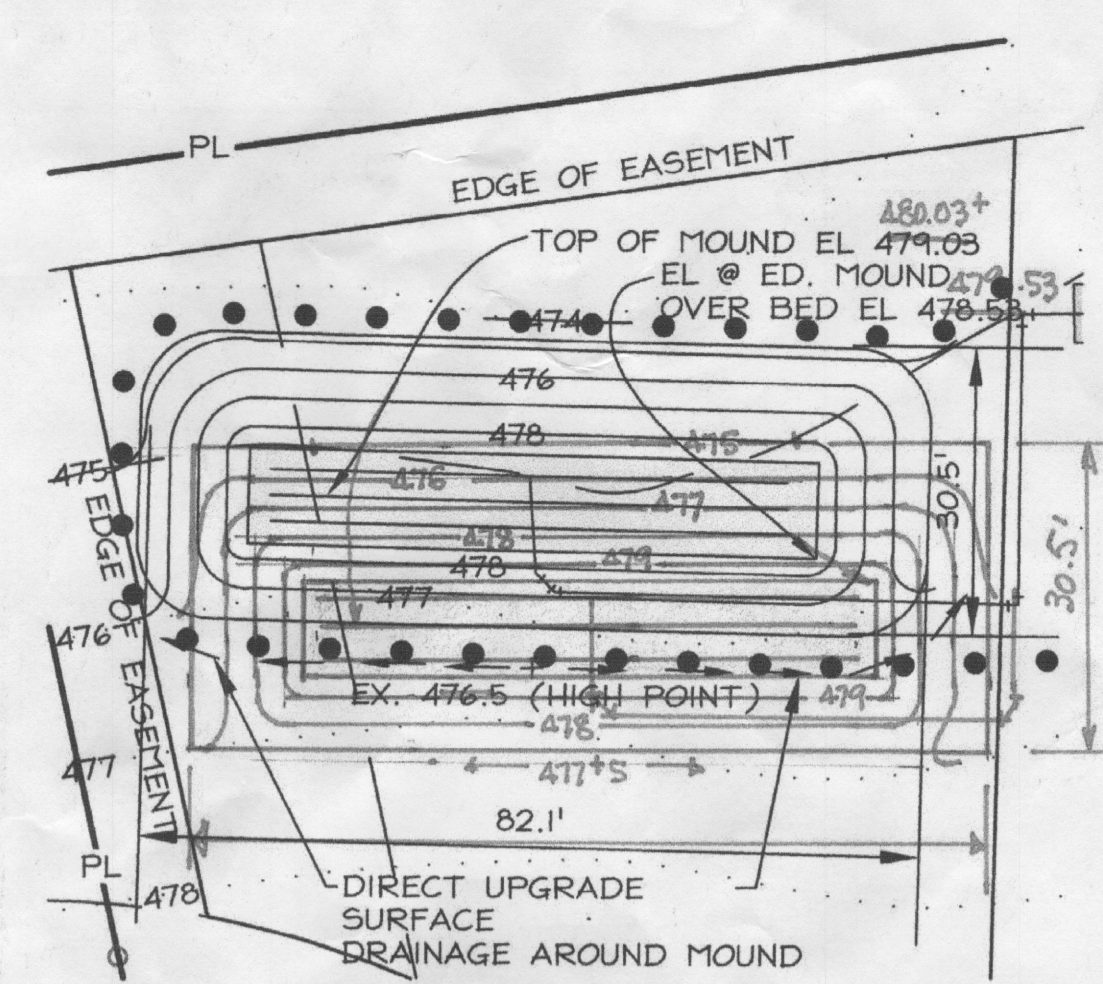


SAND MOUND DETAIL
Not to Scale



TYPICAL "CENTRAL" MANIFOLD DISTRIBUTION DETAILS
SCALE: N.T.S.



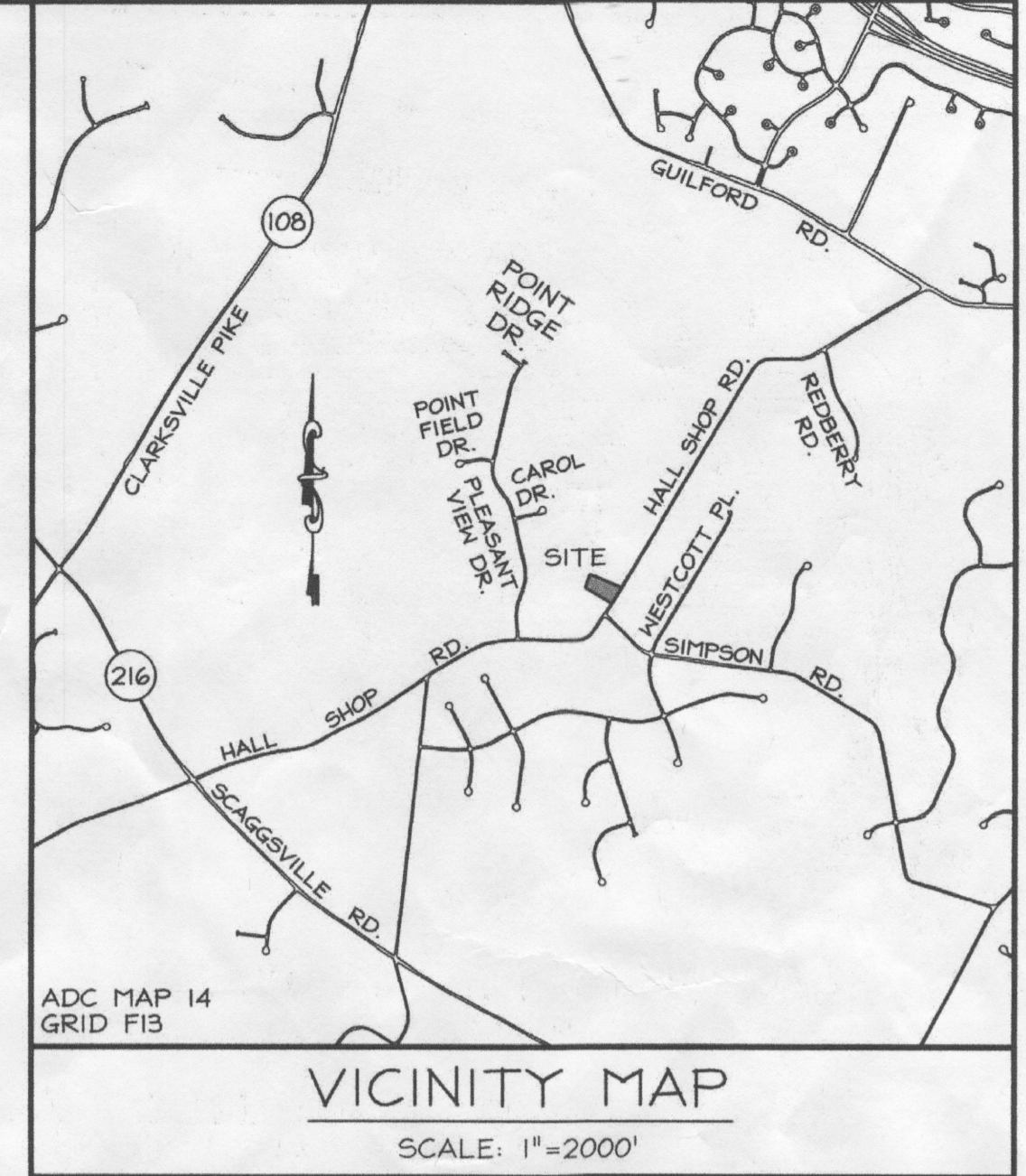
SAND MOUND PLAN DETAIL
SCALE: 1" = 20'

SAND MOUND PERC RESULTS 6/19/09

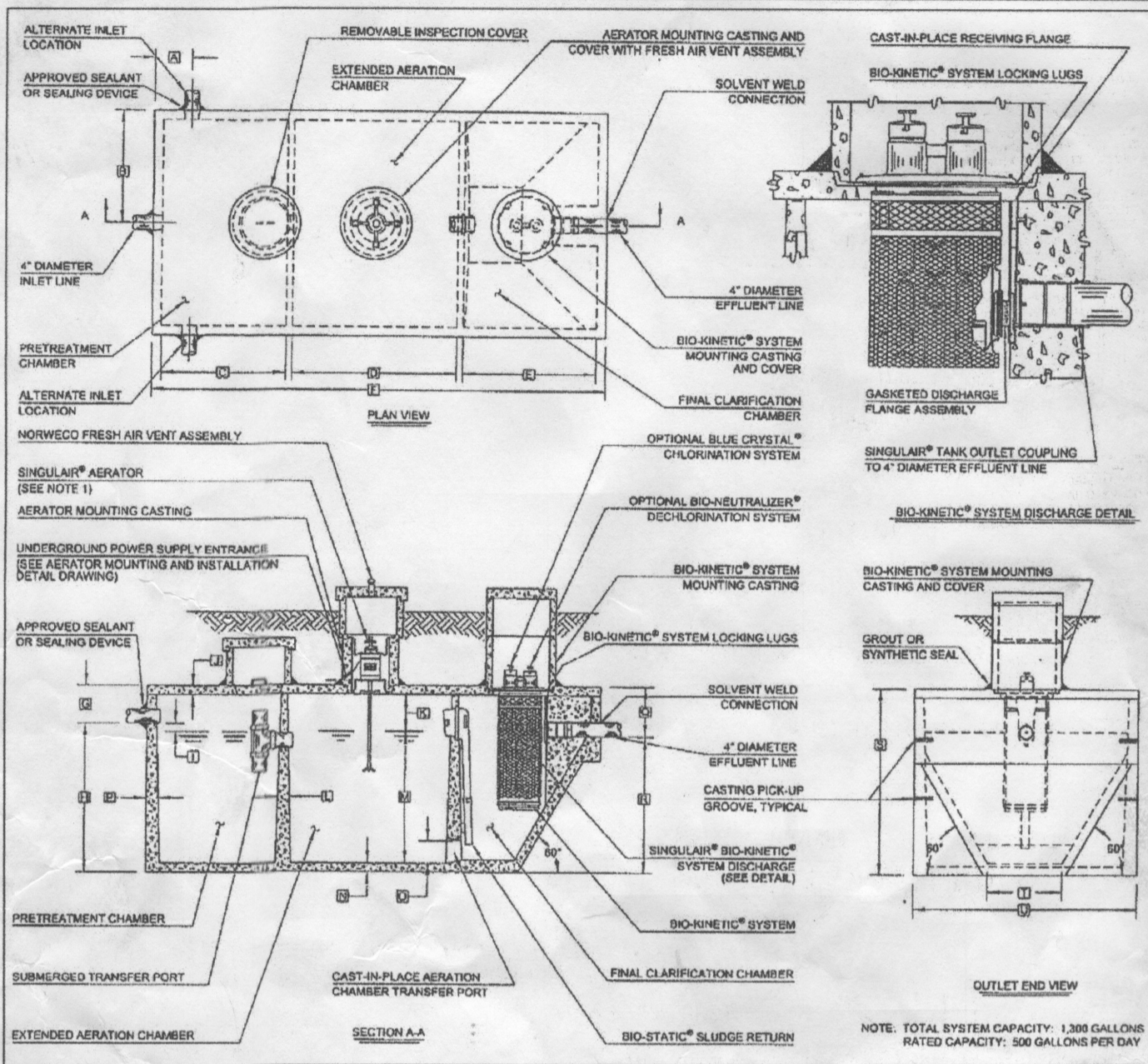
TEST	ELEV.	RESULT
A	480.3	FAIL
B	480.1	SATISFACTORY
C	478.5	SATISFACTORY
D	478.9	FAIL
E	477.3	FAIL
F	476.7	SATISFACTORY (ALTERNATIVE SAND MIX)
G	478.5	SATISFACTORY
H	478.2	FAIL

SAND MOUND PERC RESULTS 6/24/09

TEST	ELEV.	RESULT
J	475.3	SATISFACTORY
K	475.5	SATISFACTORY
N	482.2	SATISFACTORY
P	482.1	SATISFACTORY
Q	477.6	OBSERVATION SATISFACTORY



VICINITY MAP
SCALE: 1" = 2000'



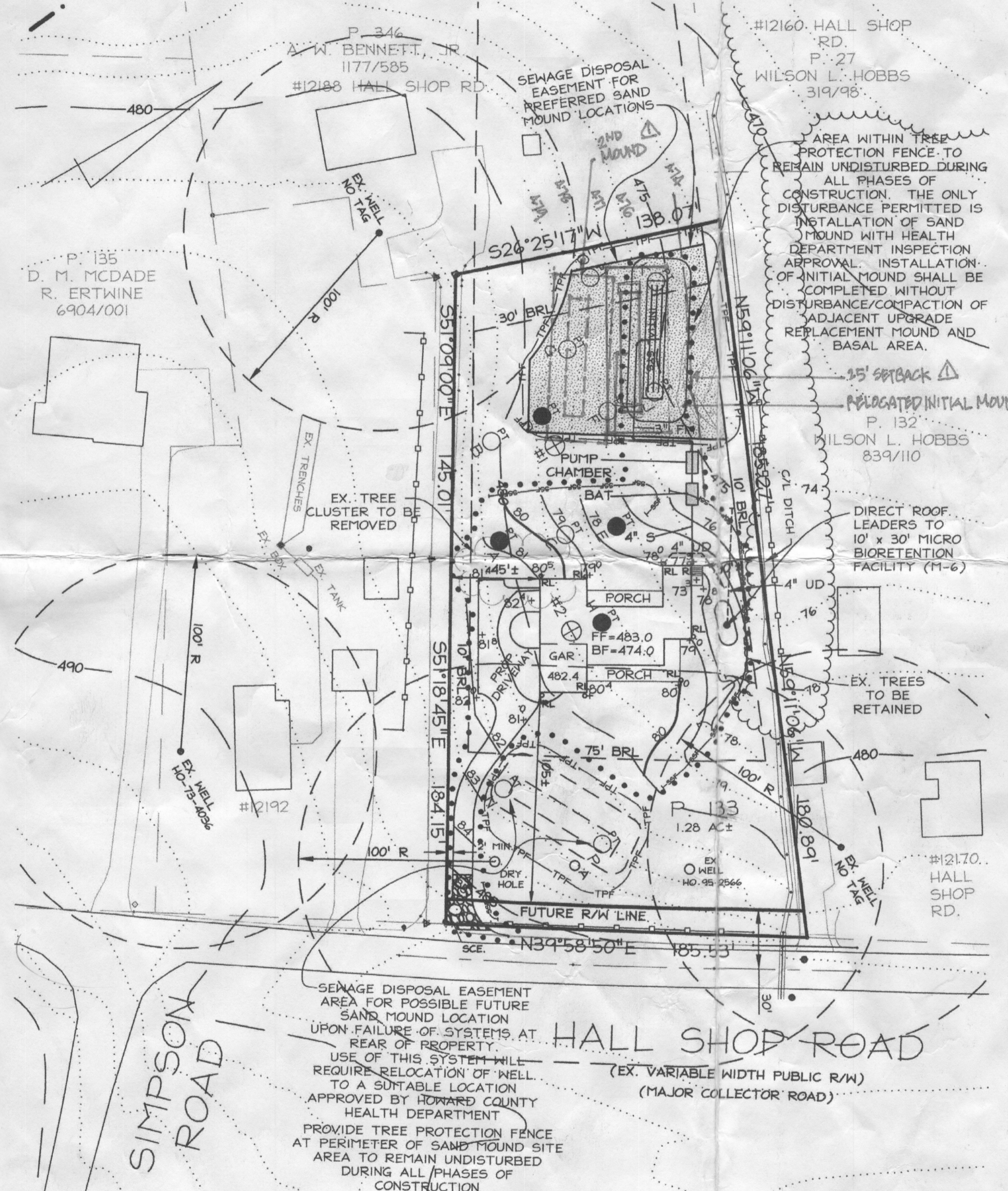
GENERAL NOTES:

- SINGULAR AIRATOR AS TESTED AND ACCEPTED BY ASP. OPERATING SO NUMBER OF PERFORATIONS TO BE DETERMINED BY PERFORATION RATE.
- FALL THROUGH SAND FILL PLANT FROM INVERT TO OUTLET INVERT IS FOUR INCHES. INLET INVERT IS THREE INCHES BELOW FLOOR TO TOP.
- ON DEEPER INSTALLATIONS, PRECAST RISERS MUST BE USED TO EXTEND ABOVE OR BEHIND CASTING AND JOINTS MUST BE SYSTEM MOUNTING CASTING TO GRADE.
- TANK REINFORCED PER A.S.T. STD. 118.02.
- REMOVABLE COVERS OR RISERS MUST BE IN EXCESS OF SEVENTY FIVE POUNDS TO PREVENT UNAUTHORIZED ACCESS.
- APPROVED LOCAL LICENSED SINGULAR AIRATOR DISTRIBUTOR FOR ELECTRICAL REQUIREMENTS.

PRODUCT EMISSIONS APPROVAL: THE USER MUST CERTIFY THAT THIS DRAWING HAS BEEN CHECKED AND IS APPROVED FOR USE IN CONFORMITY WITH THE CONTRACT DOCUMENTS.

SITE DATA:

- PARCEL AREA: 1.28 AC±
DEED REF: 15173/145
ZONING: RR-DEO
LIMIT OF DISTURBANCE: 26,200 SF
IMPERVIOUS AREA: 6,200 SF
GREEN AREA: 49,550 SF
- APPROVAL OF THIS SIMPLIFIED ECP DOES NOT CONSTITUTE AN APPROVAL OF ANY SUBSEQUENT AND ASSOCIATED SUBDIVISION PLAN OR GRADING PERMIT.
- NO WETLANDS, STREAMS, FLOODPLAINS, FORESTS, STEEP SLOPES OR ASSOCIATED BUFFERS EXIST ON THE PROPERTY.



SEPTIC SYSTEM / DISTRIBUTION CALCULATIONS

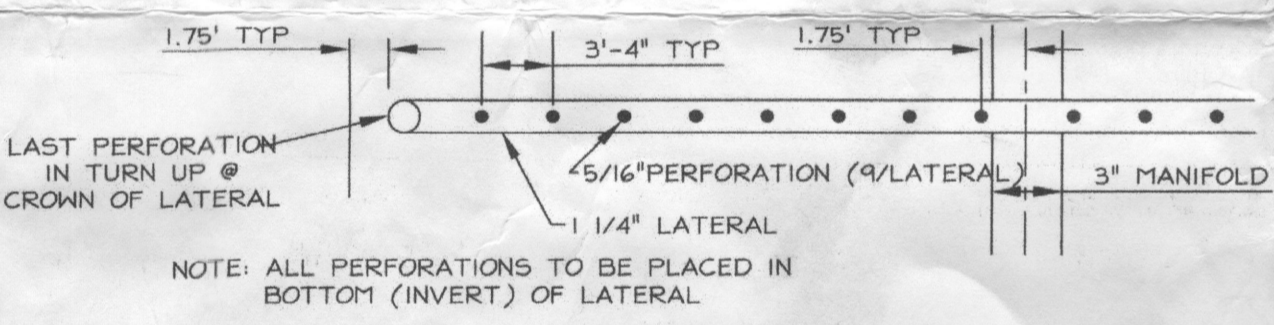
- 4" PVC @ Foundation Wall, Inv. Elev. = 472.3 (Provide Sieve thru footing)
- Singular Model TNTLP-500GPD
Inv. In Elev. = 472.0, Ground Over Tank @ 475.5
Inv. Out Elev. = 471.7
- 1500 Gal. Pump Tank
Inv. In Elev. = 471.5, Ground Over Tank @ 475.3
Inv. Out Elev. = 472.0
- Effluent Pump = Gould - Model 3885 WE Series
WE Submersible Effluent Pump - Item # WE2012H-7012A
3/4 Horsepower, 230 Volt, 1 Phase or Equal *
- 3" Force Main (Maintain 18" Min. cover)
- 3" Central Distribution Manifold, As shown hereon
- (6) 28.25 LF - 1-1/2" Distribution Laterals w/ 9 Perforations each spaced @ 3'-4" (Perforation Size = 3/16"), Perforations located @ Invert of Lateral Pipe Bottom.
- First perforation = 1.75' from CL 3" Manifold Pipe
- Last perforation at crown of lateral pipe in a turn-up, see detail.
- Spacing between laterals = 3.33'
- Spacing between Lateral & edge Absorption Bed = 1.67'

SAND MOUND CALCULATIONS

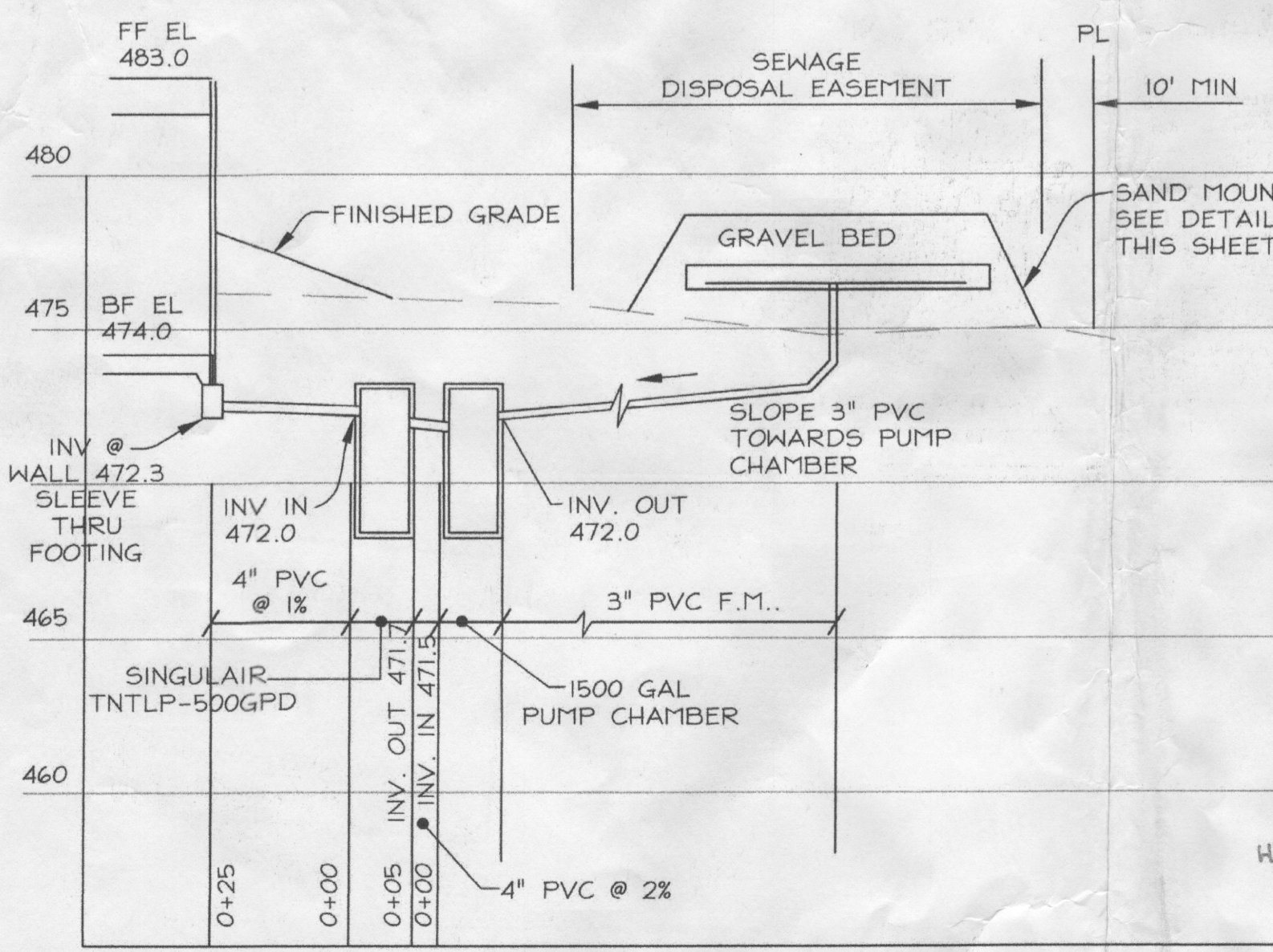
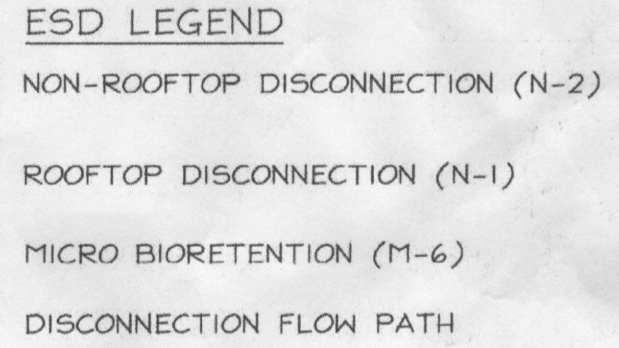
- Design Requirement: Proposed dwelling with 4 bedrooms
- Design Flow: 4 bedrooms x 150 gpd = 600 gpd
- Absorption Bed size using alternate sand media:
 - a. Loading Rate: 1.0 gpd/SF (Alternate sand media)
 - b. Minimum Bed Area: 600gpd / 1.0 gpd/SF = 600 SF (Total Area)
 - c. Minimum Bed Dimensions = Total Area / 600SF
 - 1) Use 10' wide (Max. Width) x 60' long Sand Bed
 - 2) Upslope Sand Fill Depth: 12" minimum or 11"
 - 3) Downslope Sand Fill Depth (7% slope): 20.4" or 17"
 - 4) Cap + Topsoil Fill @ Bed Center: 18" or 15"
 - 5) Cap + Topsoil Fill @ Bed Edge: 12" or 11"
 - 6) Total Bed Depth: 10" or 0.83'
 - 7) Sideslope Setback: 132.6' or 11.1'
 - 8) Upslope Setback (0.83 Corr. factor for 7% slope): 84.7' or 7.1'
 - 9) Downslope Setback (1.27 Corr. factor for 7% slope): 161.5' or 13.5'
 - 10) Total Mound Width: 366.2' or 30.5' use 30'
 - 11) Total Mound Length: 985.2' or 82.1' use 82'
 - 12) Use Mound Size of 30' x 82'
 - 13) Check Basal Area: 1200 SF required

SEPTIC SYSTEM/BEST AVAILABLE TECHNOLOGY (BAT) NOTES

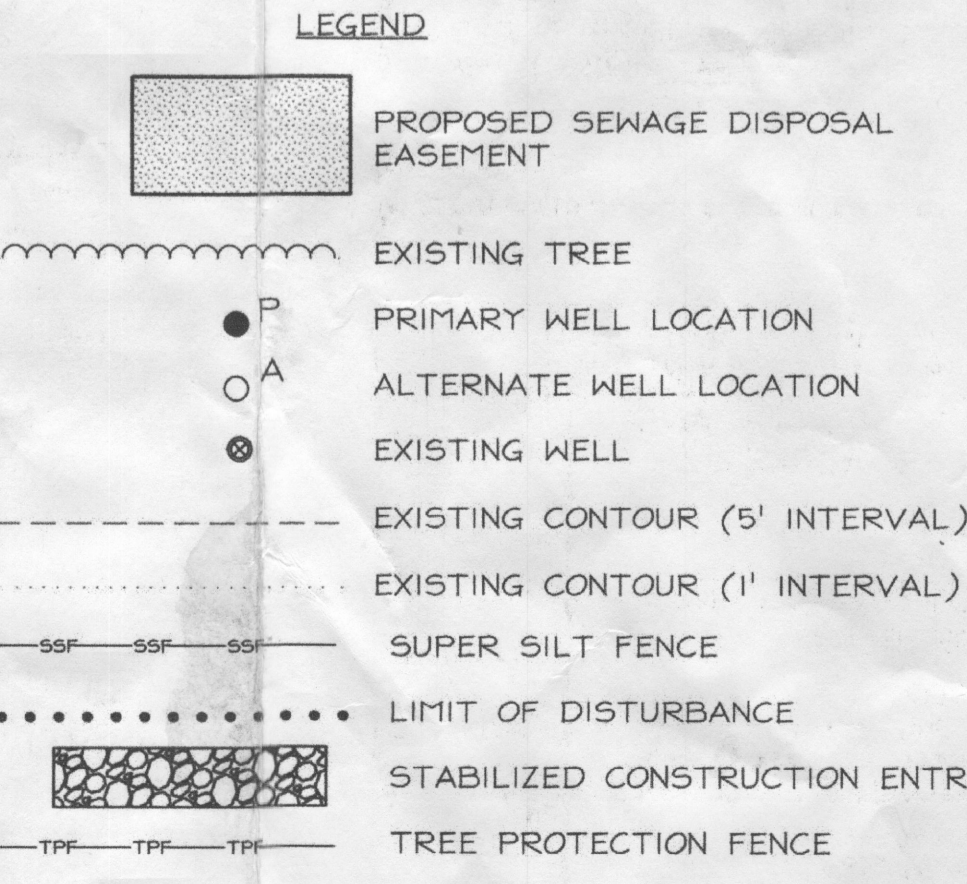
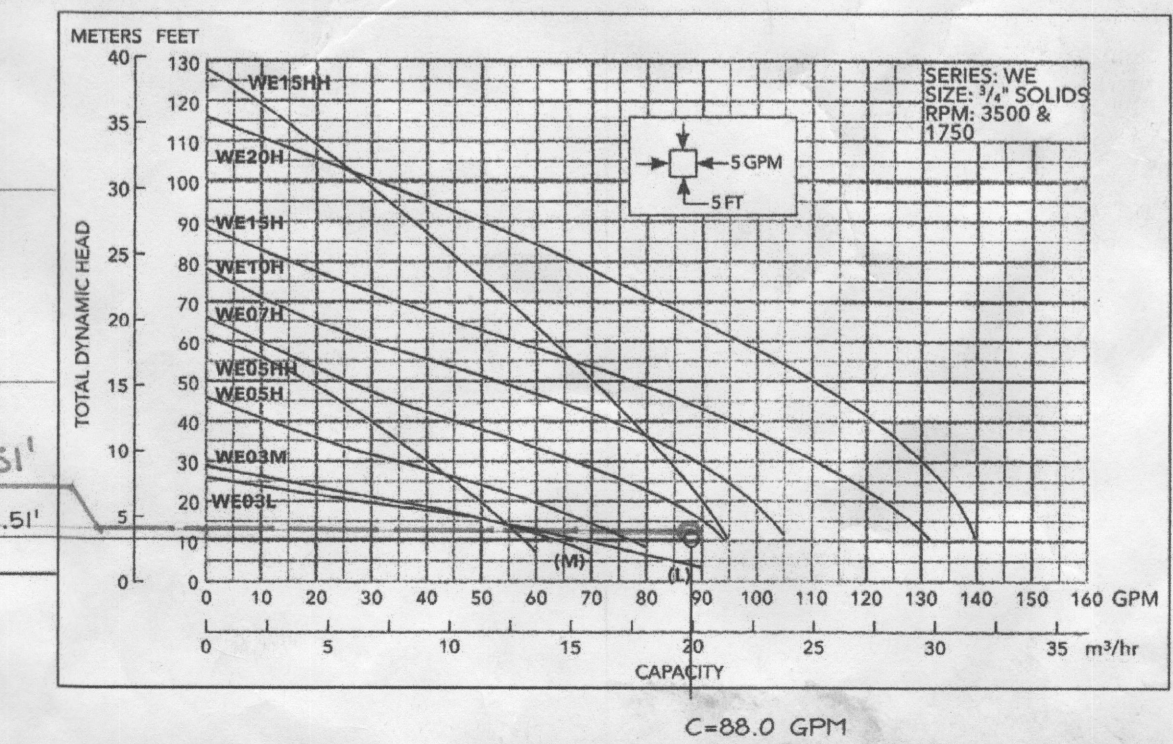
- Any change to the locations or depths to any components must be approved by the engineer and the Howard County Health Department prior to installation. A revised site plan may be required.
- The maximum depth of the BAT per the manufacturer's specification is 3 feet cover.
- The BAT system shall be maintained and operated for the life of the system.
- The BAT shall be operated by and maintained by a certified service provider.
- Within one month of installation, a person installing the BAT system shall report to the Maryland Department of the Environment (MDE), in a manner acceptable to MDE, the address and date of completion of the BAT installation and the type of BAT installed.
- Electrical work for the BAT installation must be performed by a licensed electrician. An Agreement and Easement must be completed and signed by all applicable parties, and recorded in the Land Records of Howard County.
- The Health Department requires documentation for the start-up certification from the manufacturer prior to final approval of the installation.



LATERAL PERFORATION DETAIL
NOT TO SCALE



SEPTIC SYSTEM PROFILE
SCALE: H 1" = 30'
V 1" = 5'



CONVENTIONAL PERC TESTS 5/26/95

⊕ FAILED/WATER TABLE
○ SATISFACTORY TEST
● FAILED TEST

SAND MOUND PERC TESTS 6/19 & 6/24/09

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 19184, EXPIRATION DATE: 6/30/15.

SIGNED: BRUCE D. BURTON DATE: 6/27/14

DATE	NO.	REVISIONS
6/27/14	1	REVISE MOUND LOCATION, PUMP ITEM NO.

SHEET INDEX

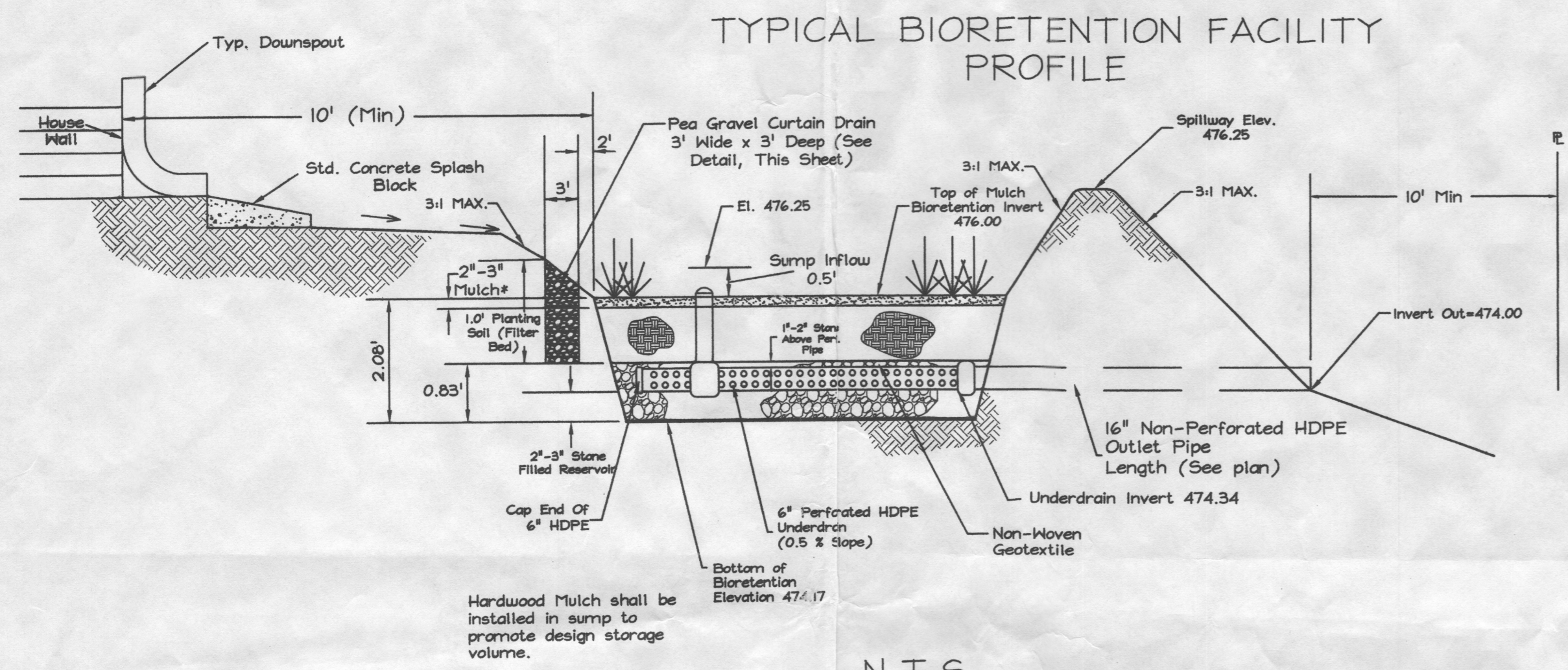
NO.	TITLE
1	PLOT PLAN FOR BUILDING PERMIT & SITE PLAN FOR BAT INSTALLATION
2	ENVIRONMENTAL SITE DESIGN NOTES AND DETAILS

- GENERAL NOTES:**
- Existing Zoning: RR-DEO per 2-2-04 Comprehensive Zoning Plan
 - Deed Reference: Liber 15173, Folio 145
 - Total Area of Lot: 1.28 Ac.±
 - The lot shown hereon complies with the minimum lot area and ownership width as required by the Maryland Department of the Environment.
 - All existing wells and septic systems within 100 feet of the lot which may affect this proposal have been shown.
 - The topography shown is field run by LDE, INC. in 6/15/2009.
 - Any changes to the Private Sewer Easement shall require a Revised Percolation Certification Plat.
 - The well for this lot has been drilled.
 - The limitations of soil properties are such that a house with no more than four (4) bedrooms could be supported by the described easements.
 - SOIL BOUNDARIES:** Entire property is Gladstone Loam 3 - 8% slopes (Gbb) USDA Soil Survey Howard County, Maryland.
 - The Howard County Health Department approved the Percolation Certification Plan for this property on 11/30/2009 (A530987).
 - The sand mound areas delineated and identified on this lot, must be staked by a surveyor and a field visit made by the Howard County Health Department to verify the sand mound areas have not been impacted, prior to building permit approval. In addition, these areas must be protected by a fixed barrier at all times during demolition, grading and construction activities. Thereafter protective measures should be implemented to protect those areas from erosion and encroachment by wheeled vehicles. Subsequent building permit applications may be denied should the sand mound areas be evaluated and found to be unsatisfactory for the intended use.
 - Prior to building permit approval for this lot, the primary sand mound and gravel bed corners must be staked for field review.
 - See Architectural Plans for building dimensions and design details. Prior to stakout for construction, it shall be the Owner/Developer's responsibility to provide LDE, Inc. with the most recent set of house plans. The house footprint shown on this plan was provided by the Developer on 9/5/13.
 - The Contractor or Developer shall notify the Department of Public Works / Bureau of Engineering / Construction Inspection Division at (410) 313-1881 at least (5) five working days prior to the start of work.
 - The Contractor shall notify "Miss Utility" at 1-800-257-7777 at least forty-eight (48) hours prior to any excavation work being done.
 - Limit of Disturbance: 26,200 Square Feet.
 - Any damage to Public "Rights of Ways" or paved public roads shall be repaired immediately at the contractors expense in accordance with the Howard County Standards and Specifications.
 - This Project is conditionally exempt from the requirements of Section 16.1200 of the Howard County Code for Forest Conservation for the development of a single lot with less clearing than 20.00 square feet of forest. The Owner will file a Declaration of Intent (DOI) with the Building Permit.
 - Deviation from these plans and specifications without prior written consent of the civil engineer (LDE, Inc.) may cause this work to be unacceptable.
 - The dimensioned distances shall govern if scale distances on plan are found to be in disagreement.

THIS AREA DESIGNATES A PRIVATE SEWAGE AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT.

LDE Inc.
Engineers • Surveyors • Planners
Historic Carriage House • 7520 Main Street • Suite 203 • Sykesville, Maryland • 21784
(410) 795-6391 • (410) 795-6392 • FAX (410) 795-9540 • www.LandSurveyorMD.com

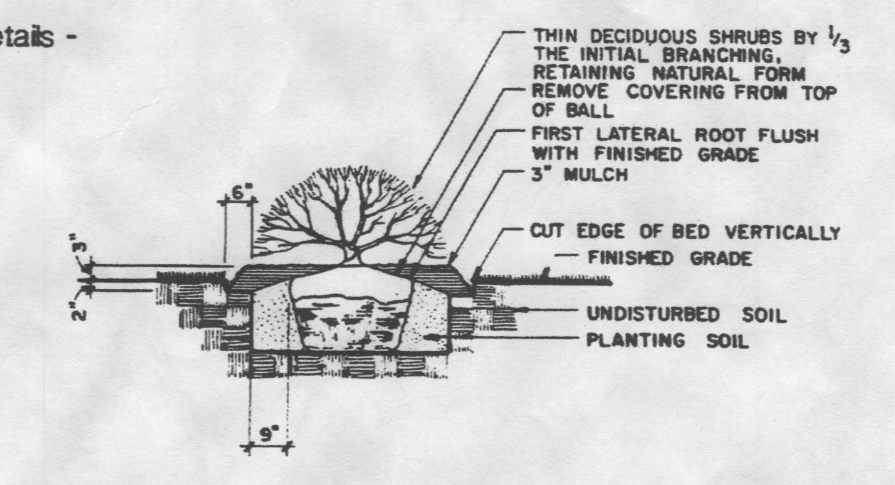
DESIGNED BDB	PLOT PLAN FOR BUILDING PERMIT AND SITE PLAN FOR BAT INSTALLATION #A530987 PROPERTY OF RAINMAKER DEVELOPMENT, INC. #12180 HALL SHOP ROAD ZONED: RR-DEO TAX MAP 41 GRID I PARCEL 133 5th ELECTION DISTRICT HOWARD COUNTY, MD	SCALE 1" = 50'
DRAWN LDE		DRAWING 1 OF 2
CHECKED BDB		JOB NO. 09-200.02.2
DATE 11/2013		OWNER/DEVELOPER: Rainmaker Development, Inc. 6755 Business Parkway, Suite 103 Elkridge, MD 21075 410-374-1005



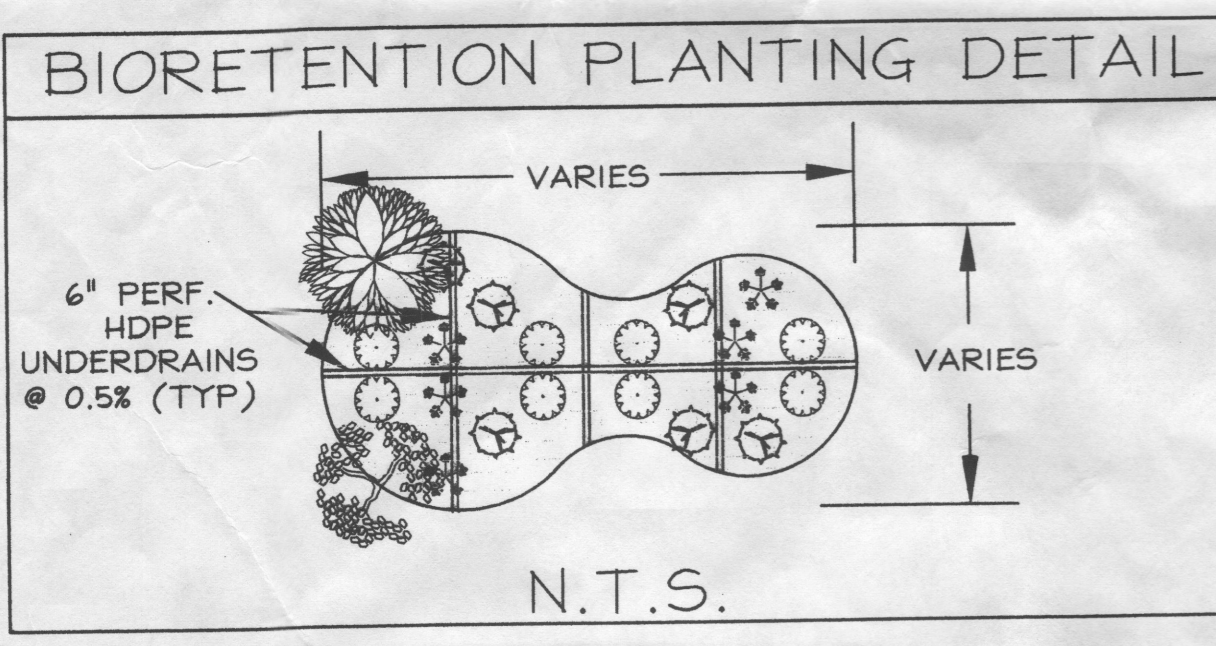
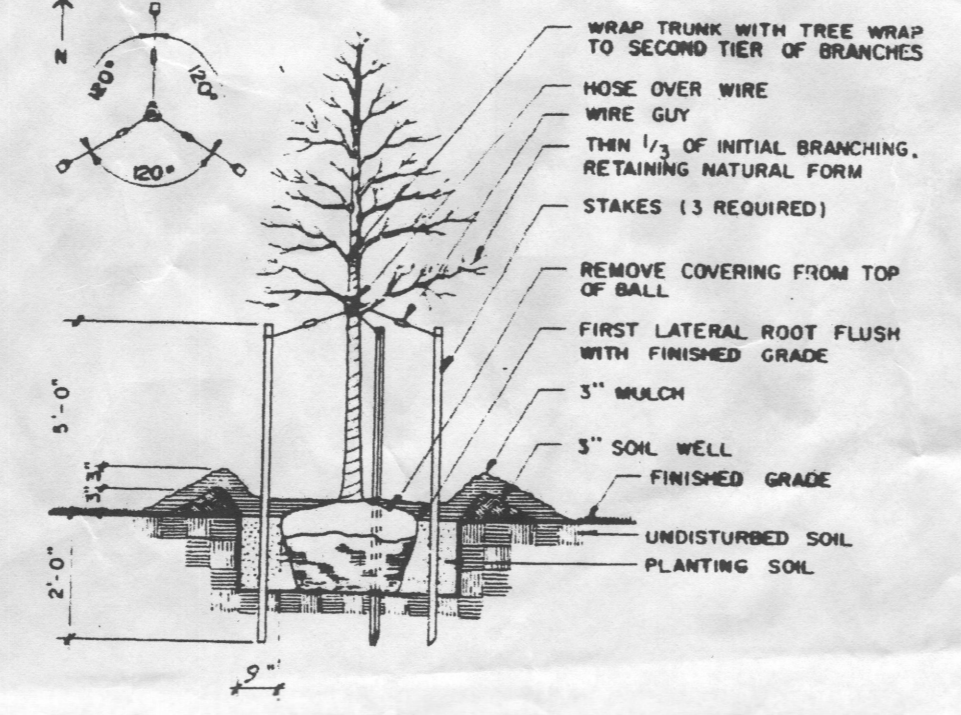
N.T.S.

Figure 6-1. Planting Detail - Deciduous Tree

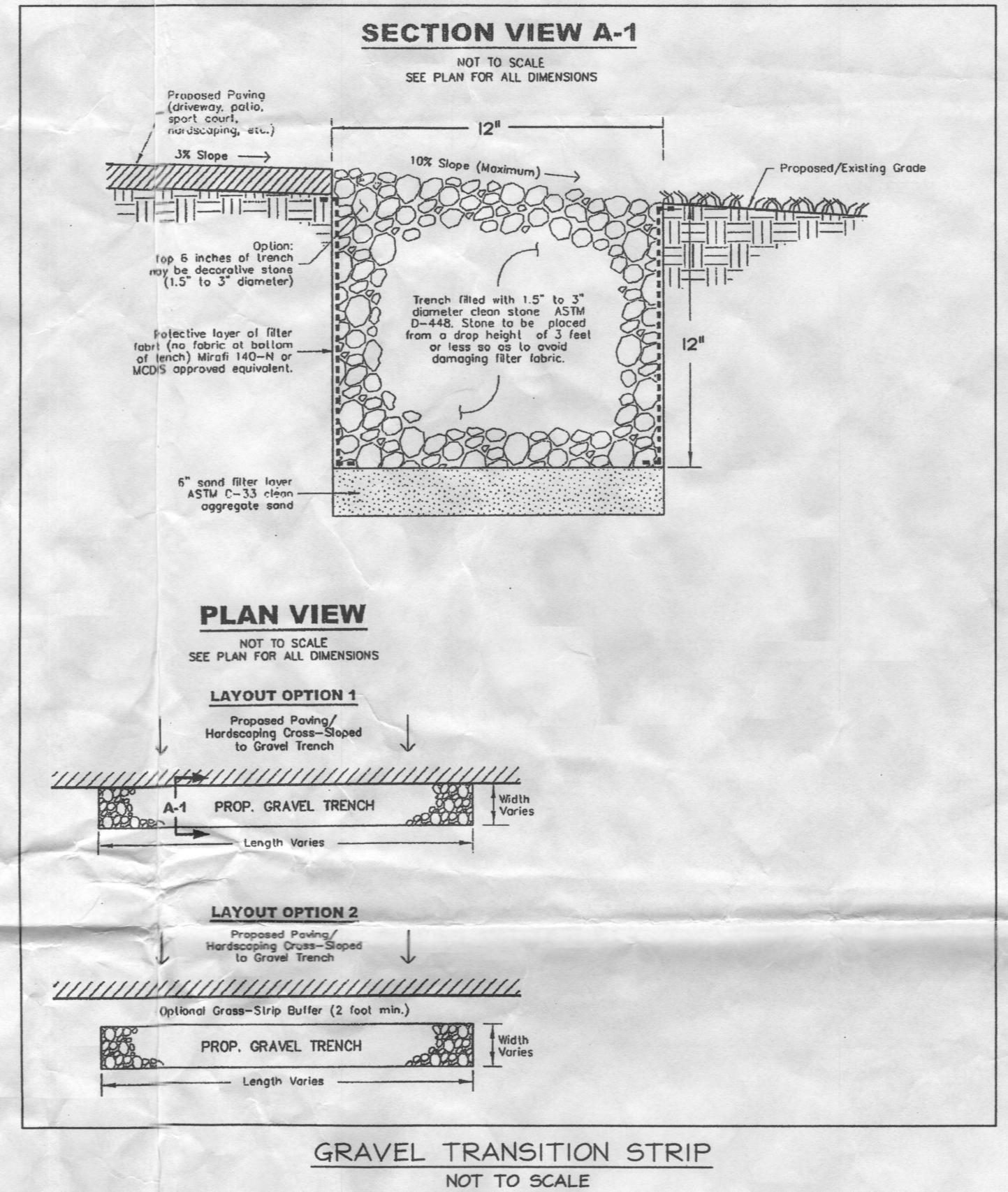
Figure 6-3. Planting Details - Shrub



BIORETENTION LANDSCAPE SCHEDULE				
SYMBOL	QNTY	COMMON NAME	SCIENTIFIC NAME	REMARKS
SHADE TREES				
RM	1	Red Maple	<i>Acer rubrum</i>	2\"/>
RB	1	River Birch (Heritage Clump Birch)	<i>Betula nigra</i>	10\"/>
SHRUBS				
AZ	4	Azalea	<i>Azalea sp.</i>	18\"/>
IB	4	Inkberry	<i>Ilex glabra</i>	18\"/>
AW	4	Arrowwood	<i>Viburnum dentatum</i>	18\"/>
HERBACEOUS - GRASSES				
SG	400 s.f.	Switchgrass	<i>Panicum virgatum</i>	Seed Mixture



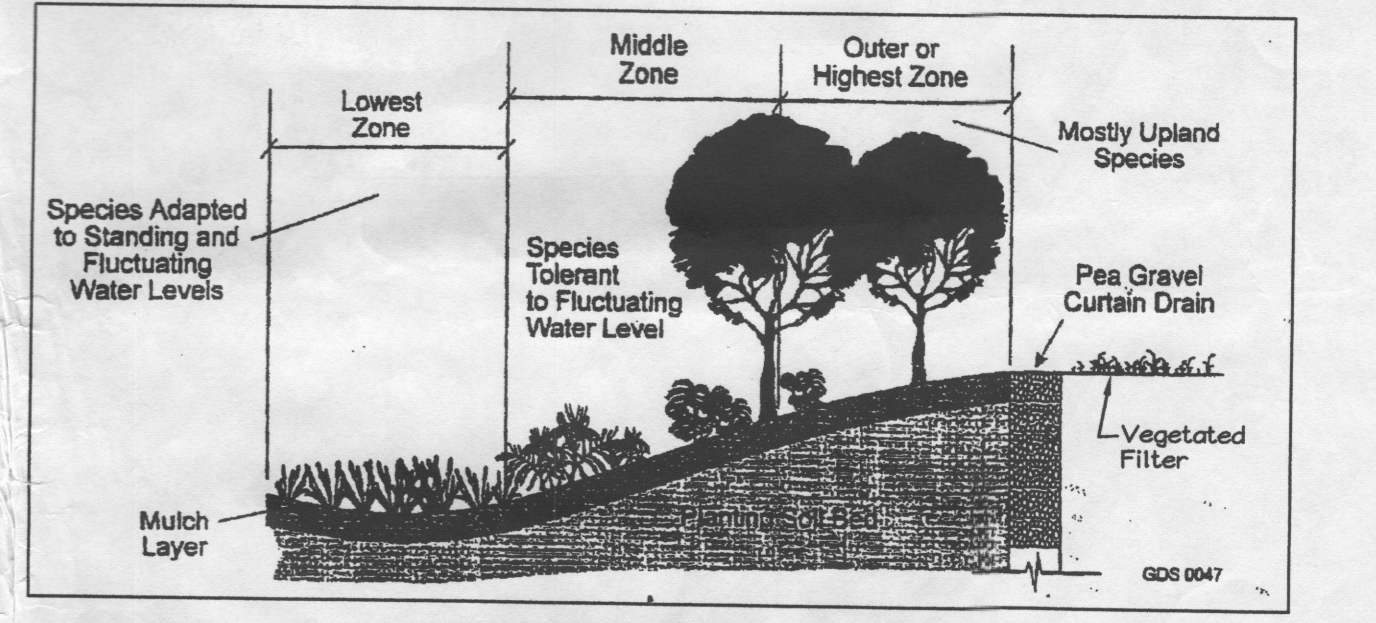
- Maintenance Schedule for Bioretention
1. Inspect facility on a semi-annual basis the first year, and after major storm events.
 2. Inspect facility annually after the first year.
 3. Test plantings bed soils on an annual basis for pH to establish acidic levels. If the pH is below 5.2, apply limestone. If the pH is above 7.0, iron sulfate plus sulfur should be added.
 4. Inspect soil of bed for erosion after major storm events. Correct erosion problems as necessary.
 5. Inspect surface of bed for clogging from fine sediments on an annual basis. If clogged, cores aerate non-vegetated areas to insure adequate filtration.
 6. Bi-annual mulching is recommended. A 3\"/>



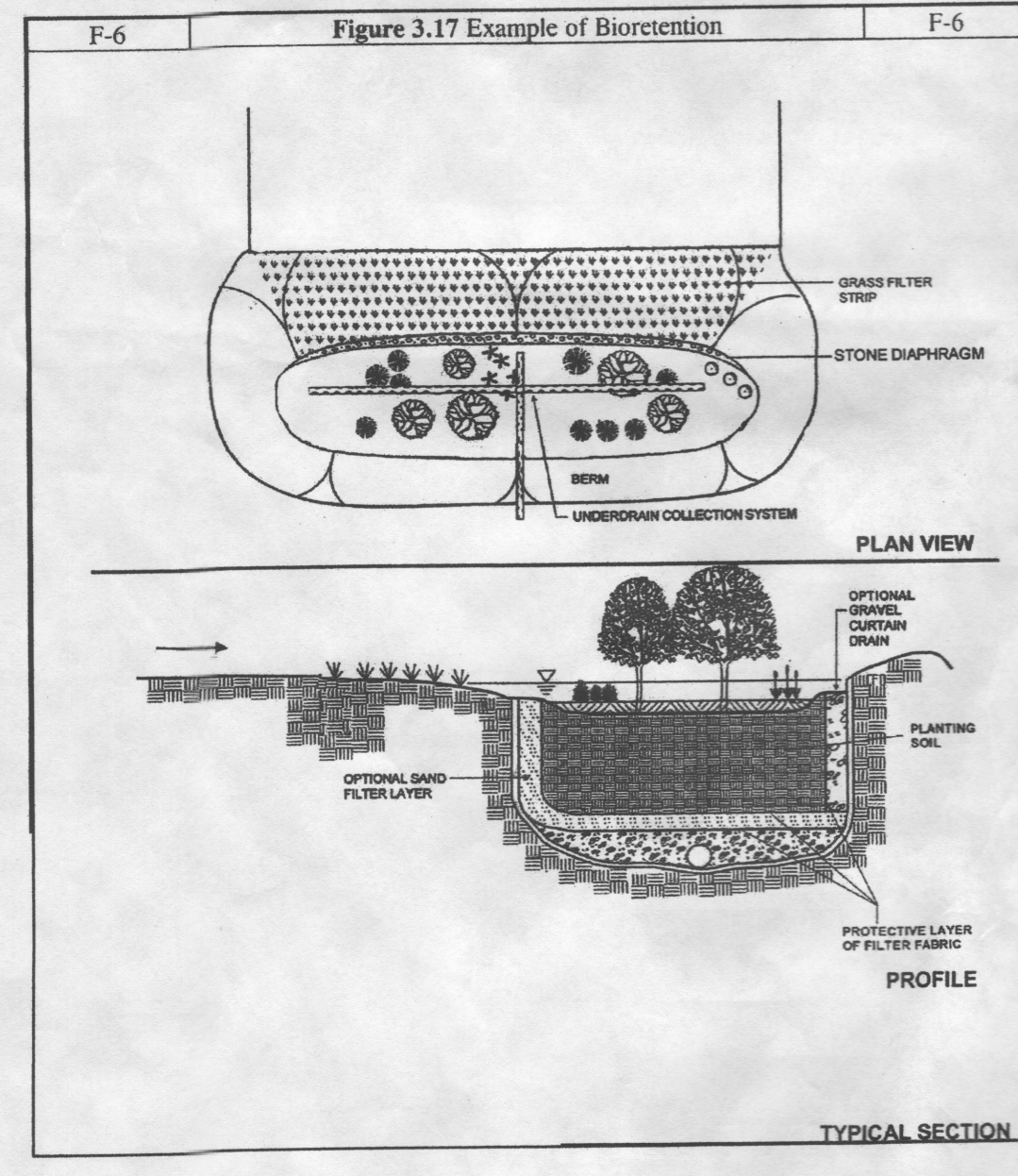
PRACTICE	LOCATION	AREA TREATED	VOLUME (ESDV)
Rooftop Disconnection (N-1)	Front and Rear of House	1392 SF	110 CF
Non-Rooftop Disconnection (N-2)	Driveway	2350 SF	186 CF
Micro Bioretention (M-6)	Side of House	2458 SF	405 CF
TOTAL		6200 SF	701 CF
		ESDV Required =	697 CF

Material	Specification	Size	Notes
filling soil (25' x 4' deep)	see Appendix A, Table A.4	silt 35 - 60% sand 30 - 55% clay 10 - 25%	plantings are site-specific USDA soil types loamy sand, sandy loam or loam
mulch	shredded hardwood		aged 6 months, minimum
pea gravel diaphragm and curtain drain	pea gravel: ASTM-D-448	pea gravel: No. 6 stone: 2\"/>	
geotextile	Class \"C\" geotextile operating size (ASTM-D-4751), grid tensile strength (ASTM-D-4632), puncture resistance (ASTM-D-4833)	n/a	for use as necessary beneath underdrains only
underdrain gravel	AASHTO M-43	0.375\"/>	
underdrain piping	F 358, Type PS 28 or AASHTO M-278	4\"/>	
portland in place concrete (if required)	MSHA Mix No. 3; $f_c = 3500$ psi @ 28 days, normal weight, air-entrained, reinforcing to meet ASTM-615-60	n/a	on-site testing of poured-in-place concrete required: 28 day strength and slump test; all concrete design (cast-in-place or pre-cast) not using previously approved data or local standards; requires design drawings sealed and approved by a professional structural engineer licensed in the State of Maryland; design to include meeting ACI Code 309, R.8.9; vertical loading (H-10 or H-20); allowable horizontal loading (based on soil pressure); and analysis of potential cracking.
sand (1\"/>			

- Specifications for Bioretention
1. Material Specifications: The allowable materials to be used in bioretention area are detailed in Table B.3.2.
 2. Planting Soil: The soil shall be a uniform mix, free of stones, stumps, roots or other similar objects larger than two inches. No other materials or substances shall be mixed or dumped within the bioretention area that may be harmful to plant growth, or prove a hindrance to the planting or maintenance operations. The planting soil shall be free of Bermuda grass, Quackgrass, Johnson grass, or other noxious weeds as specified under COMAR 5.06.01.05. The planting soil shall be tested and shall meet the following criteria:
pH range: 5.2 - 7.0
organic matter: 1.5 - 4% (by weight)
magnesium: 95 lb./ac
phosphorus (phosphate-P205): 75 lb./ac
potassium (potash-K2O): 65 lb./ac
soluble salts: not to exceed 500 ppm
 3. Compaction: It is very important to minimize compaction of both the base of the bioretention area and the required backfill. When possible, use excavation hoses to remove original soil. If bioretention rubber tires with large lugs, or high pressure tires will cause excessive compaction resulting in reduced infiltration rates and is not acceptable. Compaction will significantly contribute to design failure. Compaction can be alleviated at the base of the bioretention facility by using a primary tilling operation such as a chisel plow, ripper, or subsoiler. These tilling operations are to restructure the soil profile through the 12 inch compaction zone. Substitute methods must be approved by the engineer. Rototillers typically do not till deep enough to reduce the effects of compaction from heavy equipment. Rototill 2 to 3 inches of sand into the base of the bioretention facility before backfilling the optional sand layer. Pump any ponded water before preparing (rototilling) base. When backfilling the topsoil over the sand layer, first place 3 to 4 inches of topsoil over the sand, then rototill the sand/topsoil to create a gradation zone. Backfill the remainder of the topsoil to final grade. When backfilling the bioretention facility, place soil in lifts 12\"/>
 - 4. Plant Material: Recommended plant material for bioretention areas can be found in Appendix A, Section A.2.3.
 - 5. Plant Installation: Mulch should be placed to a uniform thickness of 2\"/>
 - 6. Underdrains: Underdrains are to be placed on a 3\"/>
 - 7. Miscellaneous: The bioretention facility may not be constructed until all contributing drainage area has been stabilized.



Chapter 3. Performance Criteria for Urban BMP Design Stormwater Filtering Systems



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DESIGNED: BDB
DRAWN: LDE
CHECKED: BDB
DATE: 10/2013

NOTES AND DETAILS FOR ENVIRONMENTAL SITE DESIGN A#530987
PROPERTY OF RAINMAKER DEVELOPMENT, INC.
#12180 HALL SHOP ROAD
ZONED: RR-DEO
TAX MAP # GRID 1 PARCEL 133
5th ELECTION DISTRICT HOWARD COUNTY, MD

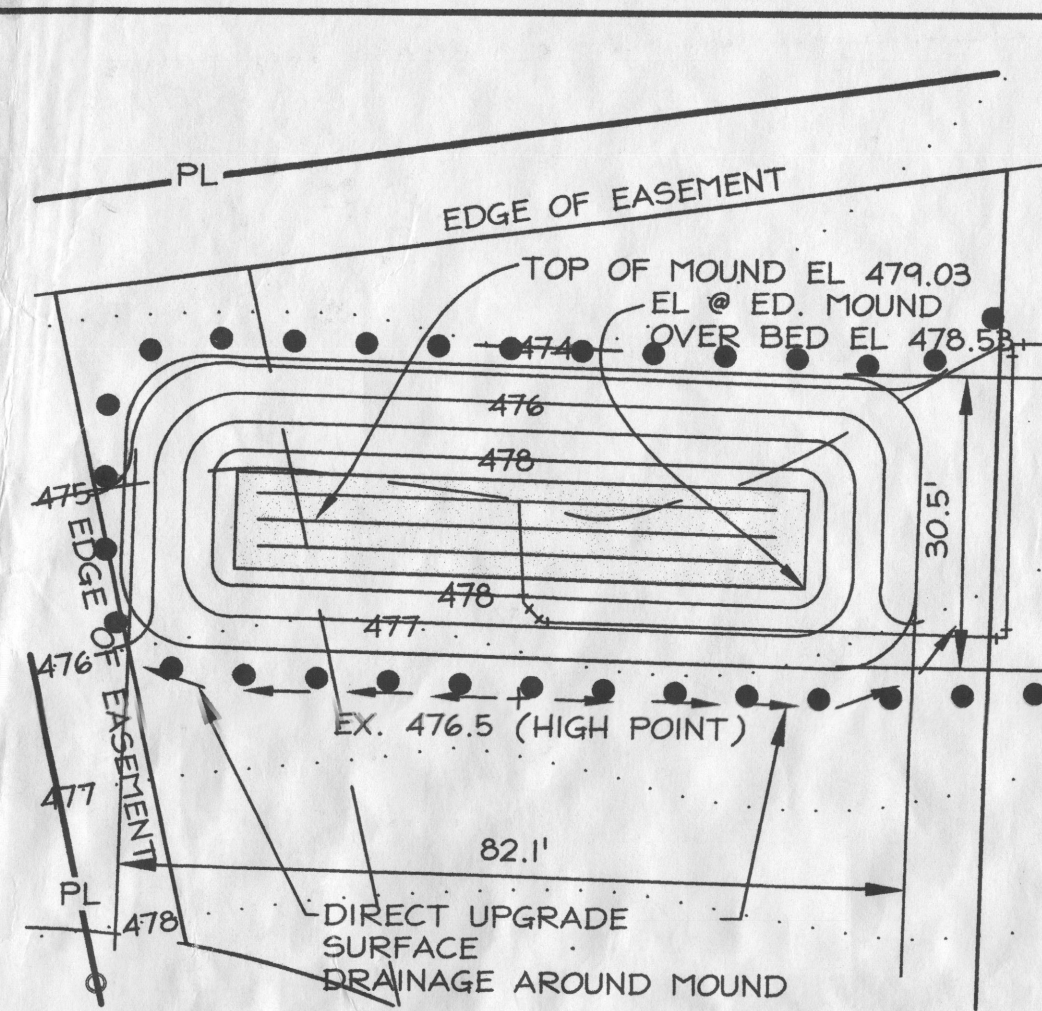
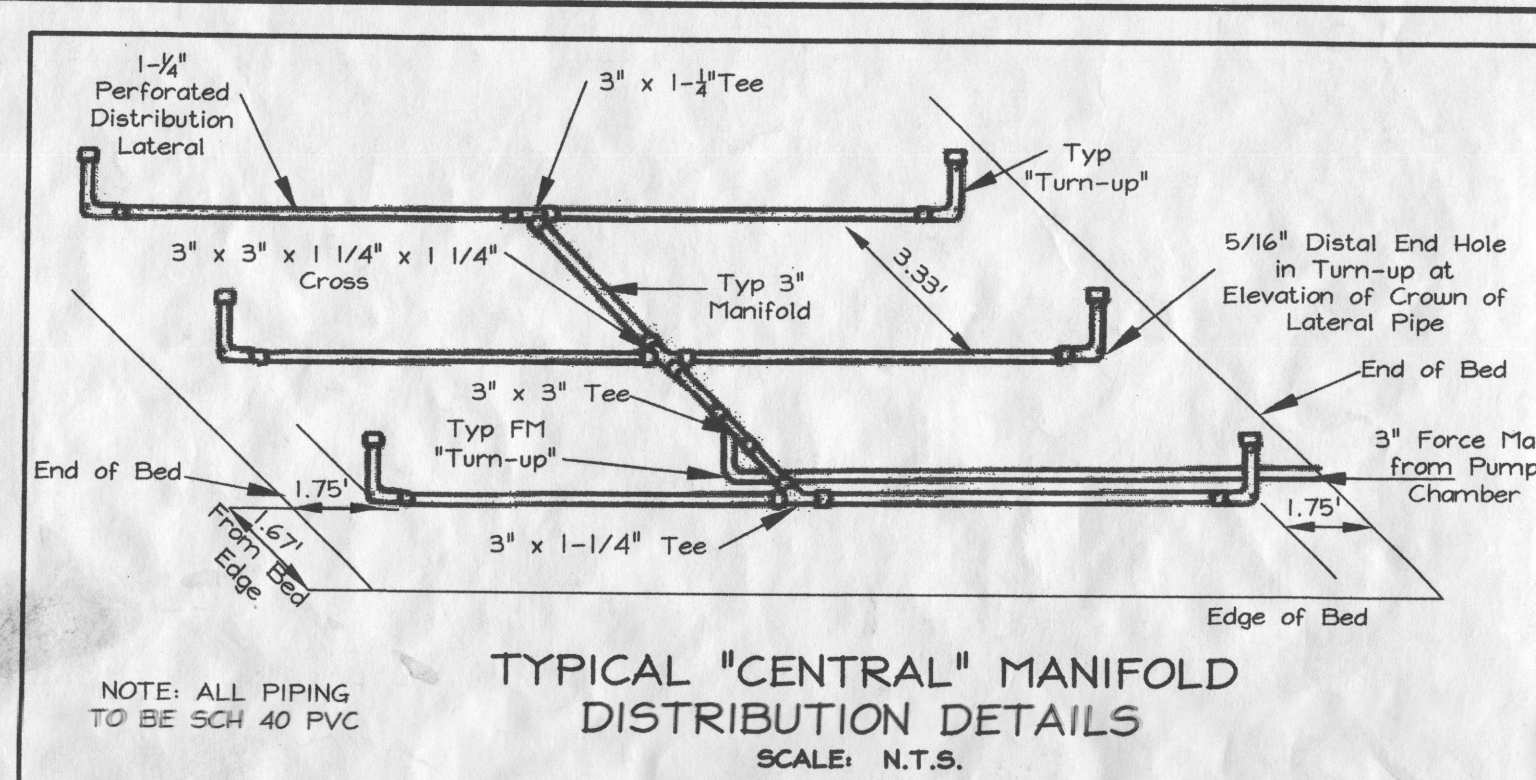
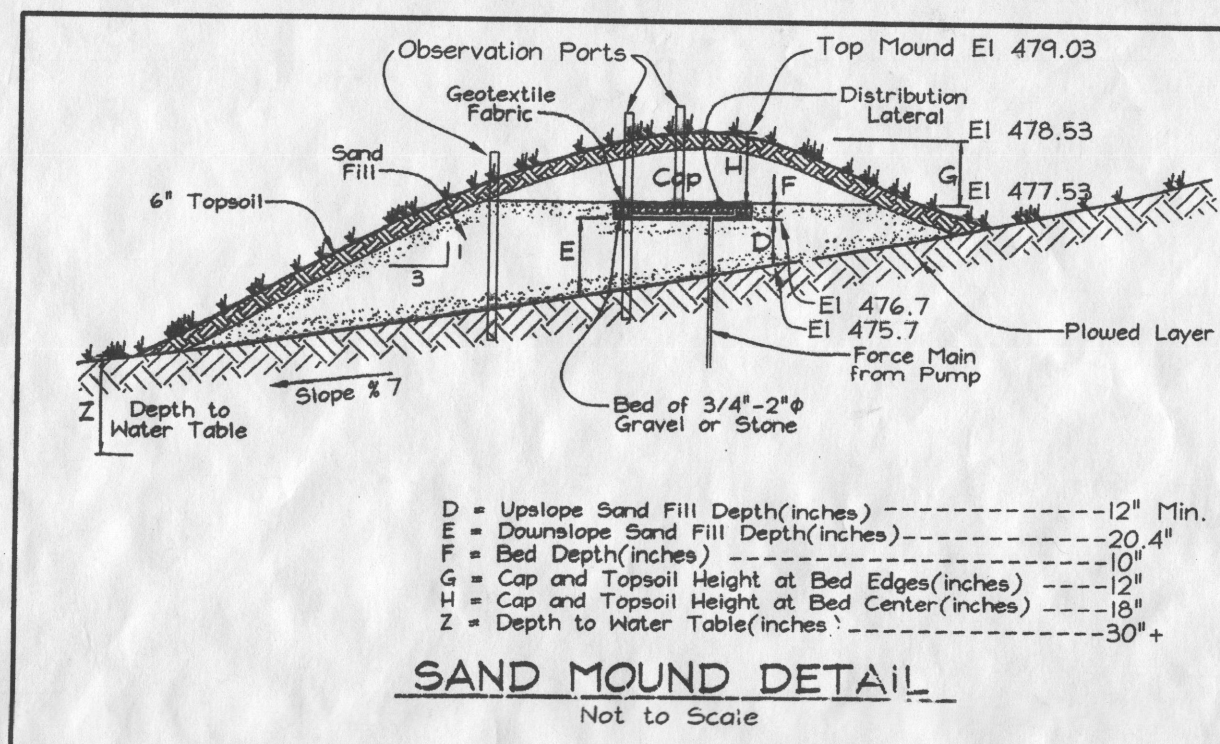
SCALE: AS SHOWN
DRAWING: 2 OF 2
JOB NO.: 09-200.02.2
FILE NO.:

OWNER/DEVELOPER: Rainmaker Development, Inc.
6755 Business Parkway, Suite 103
Elkridge, MD 21075
410-379-1005



PROFESSIONAL CERTIFICATION
"I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE # 19164, EXPIRATION DATE 6/30/15."
SIGNED: BRUCE D. BURTON
DATE: 10/22/13

DATE	NO.	REVISIONS

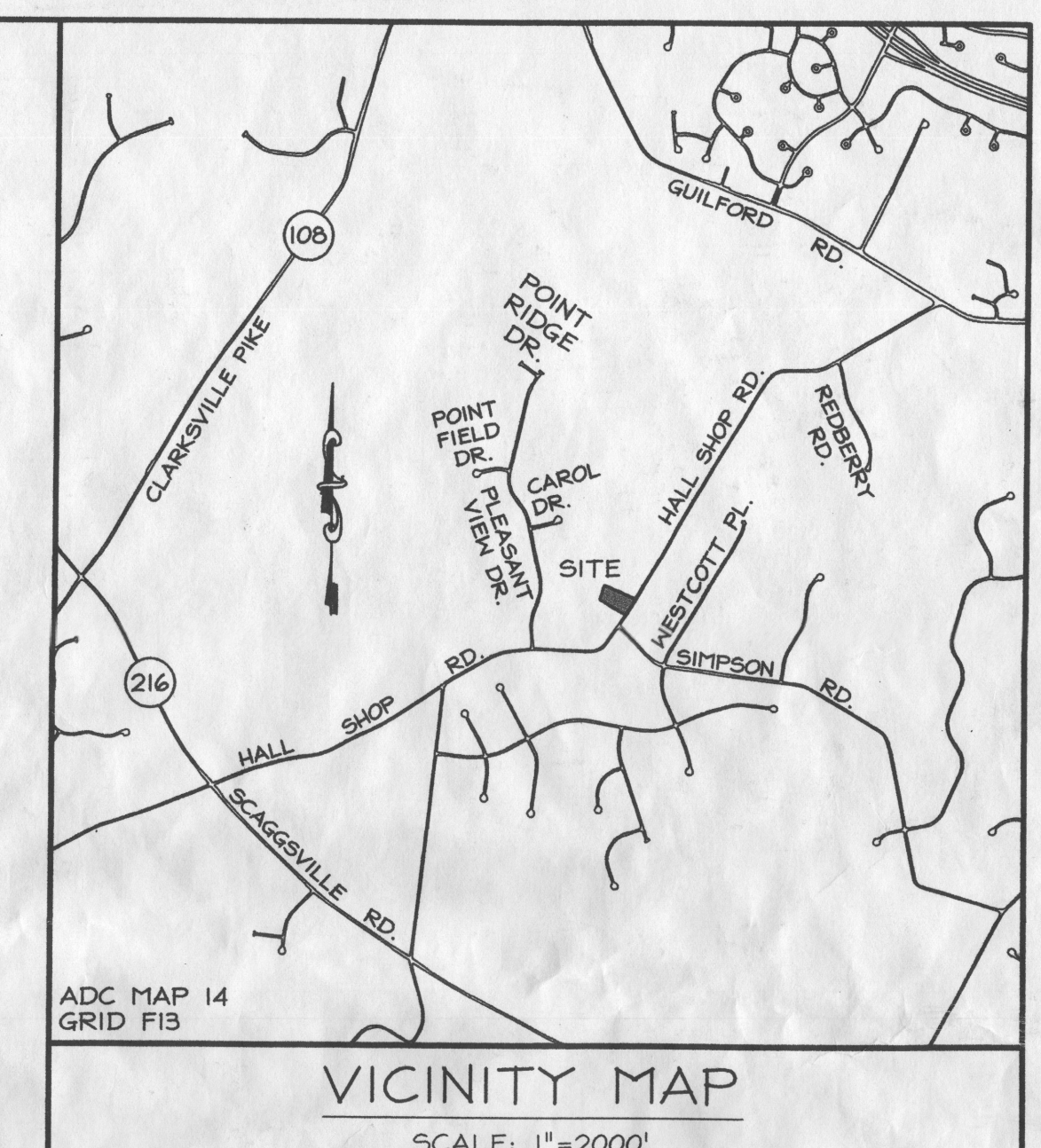


SAND MOUND PERC RESULTS 6/9/09

TEST	ELEV.	RESULT
A	480.3	FAIL
B	480.1	SATISFACTORY
C	478.5	SATISFACTORY
D	478.9	FAIL
E	477.3	FAIL
F	476.7	SATISFACTORY (ALTERNATIVE SAND MIX)
G	478.5	SATISFACTORY
H	478.2	FAIL

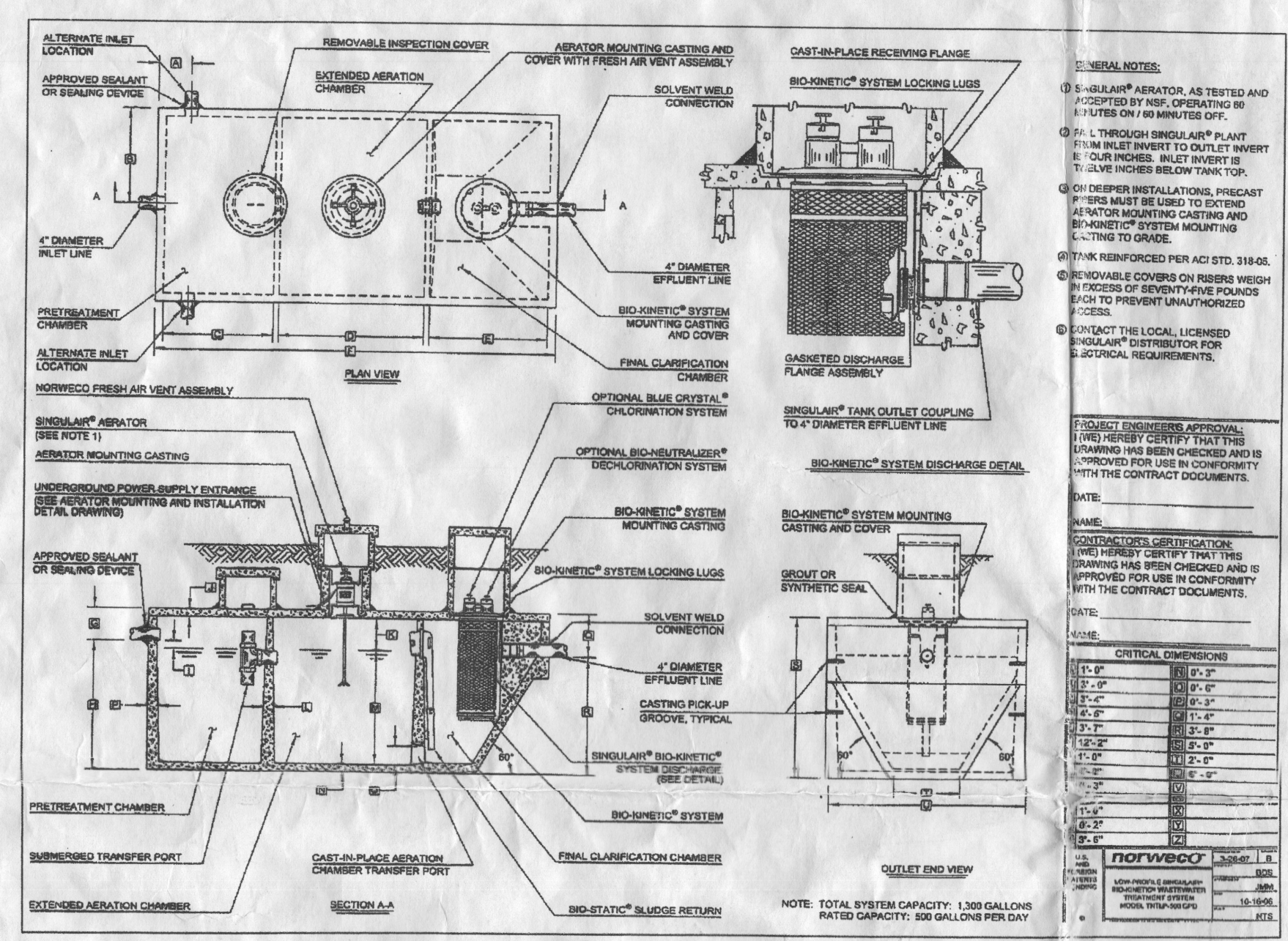
SAND MOUND PERC RESULTS 6/24/09

TEST	ELEV.	RESULT
J	475.3	SATISFACTORY
K	475.5	SATISFACTORY
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P	482.1	SATISFACTORY
Q	477.6	OBSERVATION SATISFACTORY



SHEET INDEX

NO.	TITLE
1	PLOT PLAN FOR BUILDING PERMIT & SITE PLAN FOR BAT INSTALLATION
2	ENVIRONMENTAL SITE DESIGN NOTES AND DETAILS



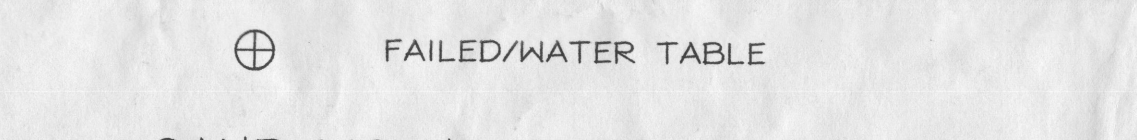
SEPTIC SYSTEM / DISTRIBUTION CALCULATIONS

- Design Requirement: Proposed dwelling with 4 bedrooms
 - Design Flow: 4 bedrooms x 150 gpd = 600 gpd
 - Absorption Bed size using alternate sand media: **Design Flow Loading Rate = Area of Bed**
 - Loading Rate: 1.0 gpd/SF (Alternate sand media)
 - Minimum Bed Area: 600 gpd / 1.0 gpd/SF = 600 SF (Total Area)
 - Minimum Bed Dimensions: **Total Area 600SF**
 - Use 10' wide (Max. Width) x 60' long Sand Bed
 - Upslope Sand Fill Depth: 12" minimum or 1'
 - Downslope Sand Fill Depth (7% slope): 20.4" or 1.7'
 - Cap + Topsoil Fill @ Bed Center: 18" or 1.5'
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 - Total Bed Depth: 10" or 0.83'
 - Sideslope Setback: 132.6" or 11.1'
 - Upslope Setback (0.83 Corr. factor for 7% slope): 84.7" or 7.1'
 - Downslope Setback (1.27 Corr. factor for 7% slope): 161.5" or 13.5'
 - Total Mound Length: 386.2" or 32.1' use 32'
 - Total Mound Length: 385.2" or 32.1' use 32'
 - Use Mound Size of 30' x 32'
 - Check Basal Area: 1200 SF required
- Bed Width + Downslope Setback x Bed Length = Basal Area
10' x 13.5' x 60' = 1410 SF > 1200 required

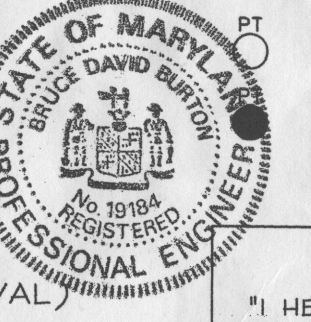
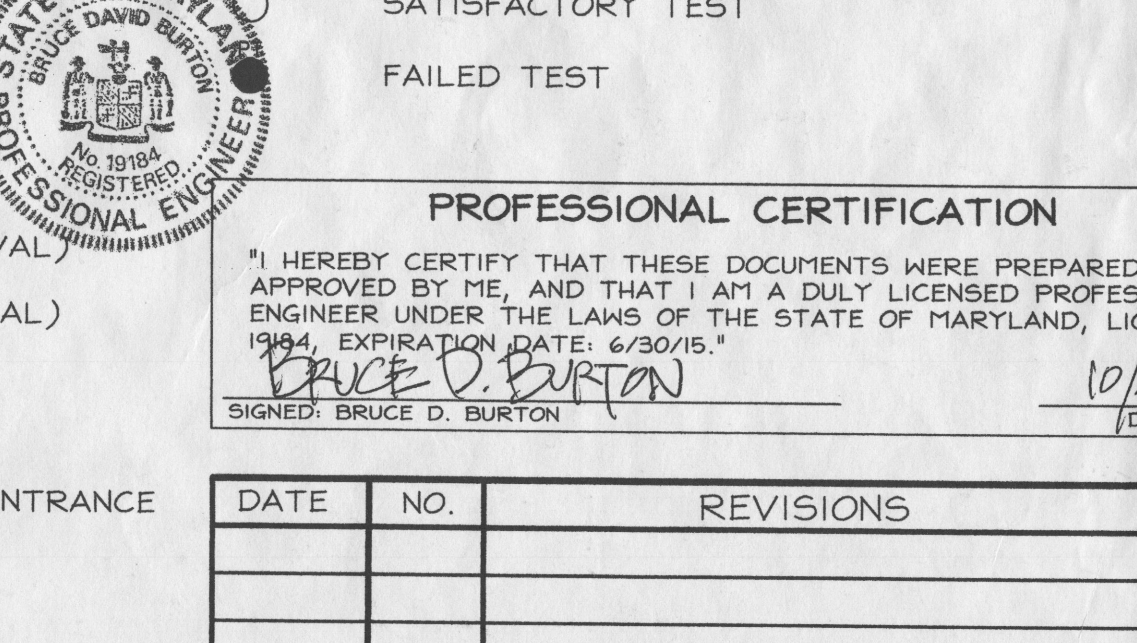
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- Electrical work for the BAT installation must be performed by a licensed electrician. An Agreement and Easement must be completed and signed by all applicable parties, and recorded in The Land Records of Howard County.
- The Health Department requires documentation for the start-up certification from the manufacturer prior to final approval of the installation.

CONVENTIONAL PERC TESTS 5/26/95



SAND MOUND PERC TESTS 6/9 & 6/24/09



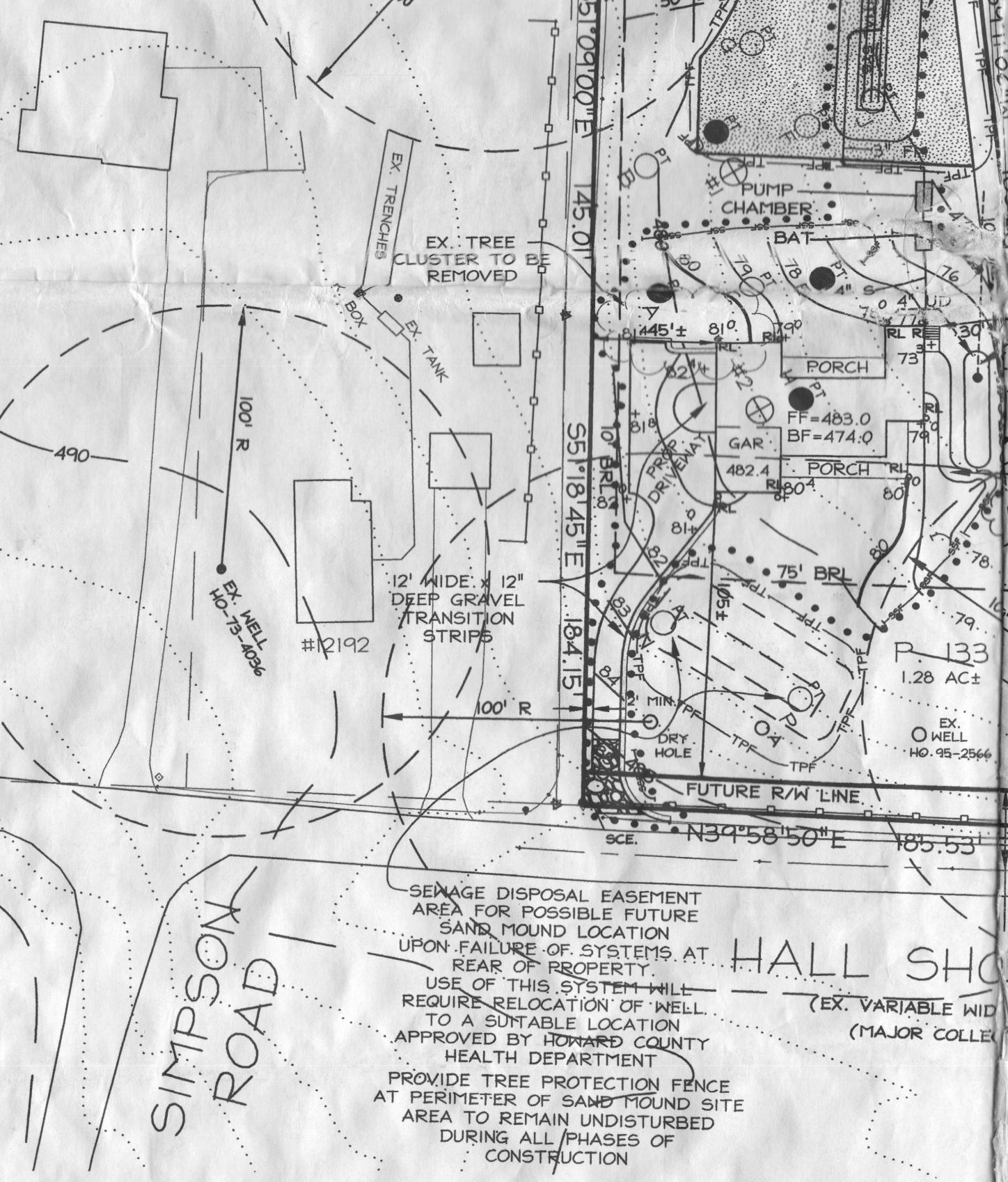
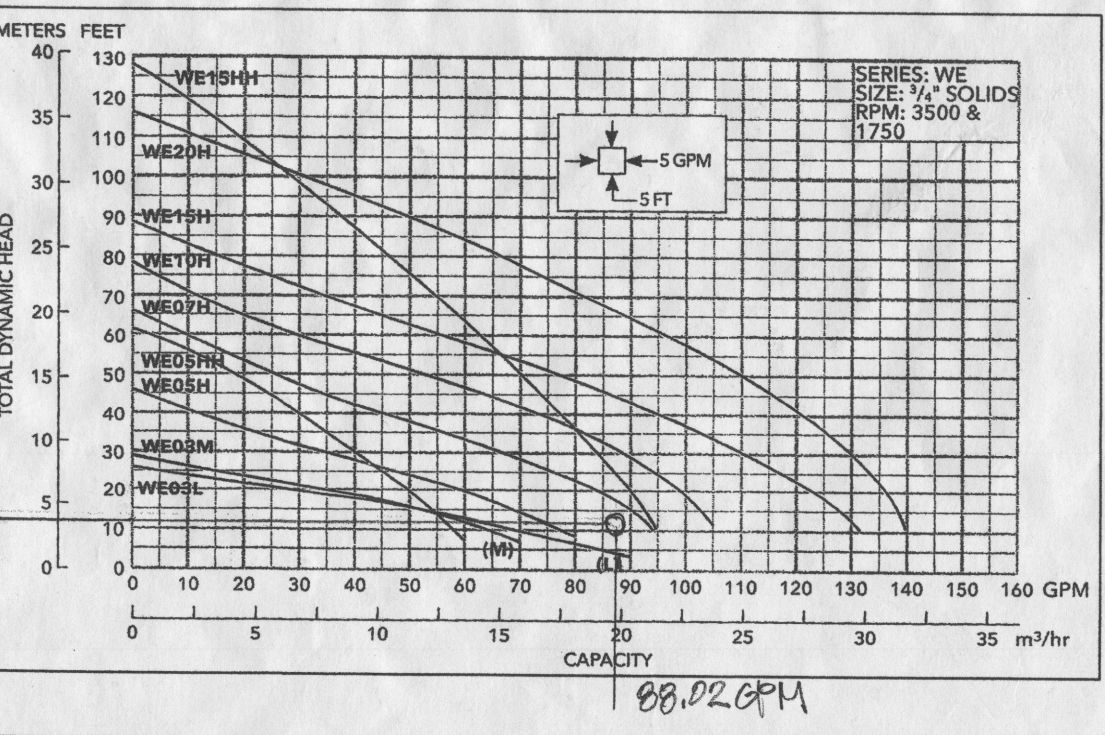
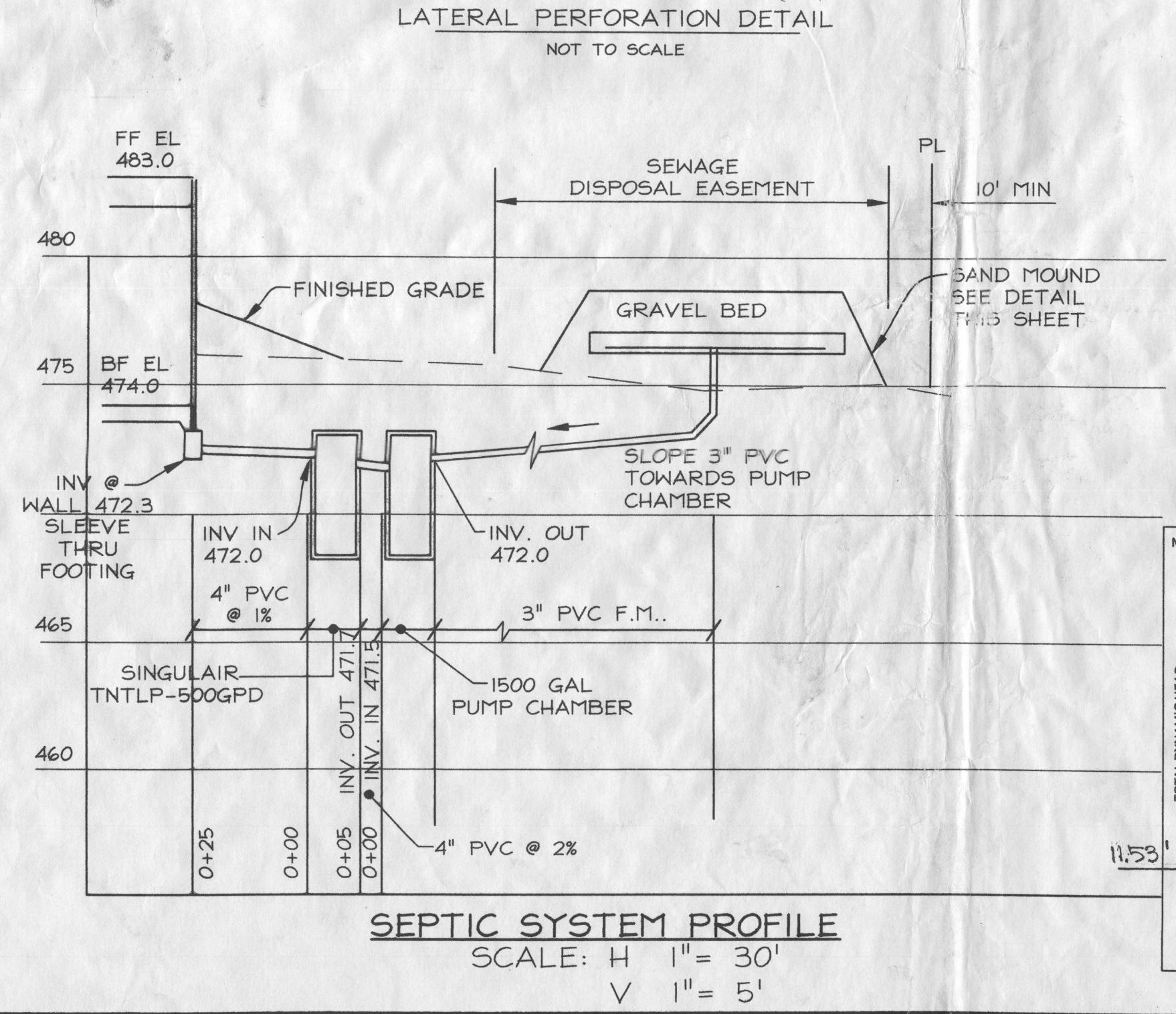
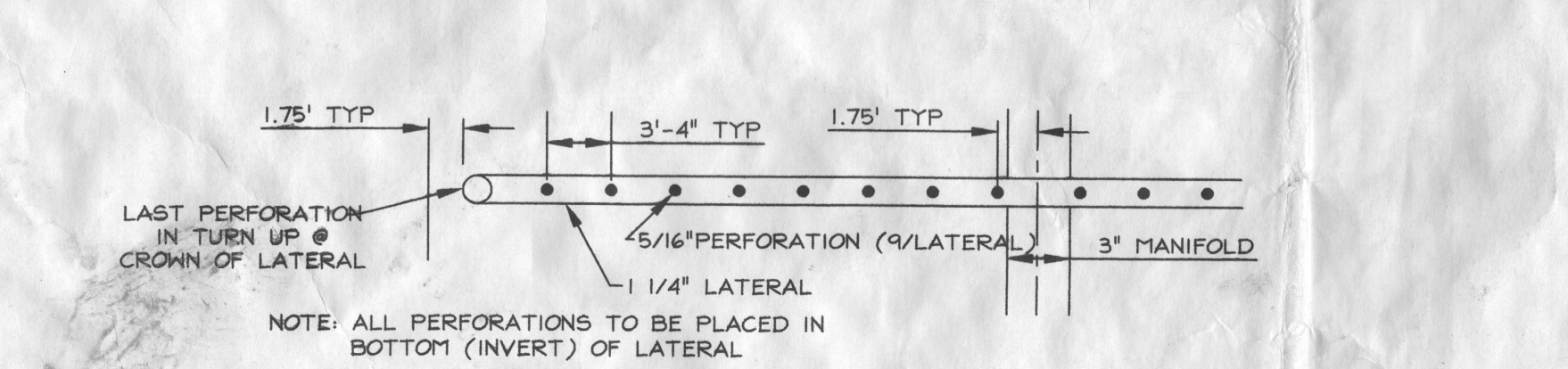
PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 17750, EXPIRATION DATE: 6/30/15.

SIGNED: BRUCE D. BURTON
DATE: 10/22/13

REVISIONS

DATE	NO.	REVISIONS



GENERAL NOTES:

- Existing Zoning: RR-DEO per 2-2-04 Comprehensive Zoning Plan
- Deed Reference: Liber 15173, Folio 145
- Total Area of Lot: 1.28 Ac.±
- The lot shown herein complies with the minimum lot area and ownership width as required by the Maryland Department of the Environment.
- All existing wells and septic systems within 100 feet of the lot, which may affect this proposal have been shown.
- The topography shown is field run by LDE, INC. in 6/15/2009.
- Any changes to the Private Sewage Easement shall require a Revised Percolation Certification Plan.
- The well for this lot has been drilled.
- The limitations of soil properties are such that a house with no more than four (4) bedrooms could be supported by the described easements.
- SOIL BOUNDARIES: Entire property is Gladstone Loam 3 - 8% slopes (G&S) USDA Soil Survey Howard County, Maryland.
- The Howard County Health Department approved the Percolation Certification Plan for this property on 11/26/2009 (A530587).
- The sand mound areas delineated and identified on this lot, must be staked by a surveyor and a field visit made by the Howard County Health Department to verify the sand mound areas have not been impacted, prior to building permit approval. In addition, these areas must be protected by a fixed barrier at all times during demolition, grading and construction activities. Thereafter protective measures should be implemented to protect those areas from erosion and encroachment by wheeled vehicles. Subsequent building permit applications may be denied should the sand mound areas be evaluated and found to be unsatisfactory for the intended use.
- Prior to building permit approval for this lot, the primary sand mound and gravel bed corners must be staked for field review.
- See Architectural Plans for building dimensions and sign details. Prior to stakeout for construction, it shall be the Owner/Developer's responsibility to provide LDE, Inc. with the most recent set of house plans. The house footprint shown on this plan was provided by the Developer on 9/5/13.
- The Contractor or Developer shall notify the Department of Public Works / Bureau of Engineering / Construction Inspection Division at (410) 313-1800 at least (5) five working days prior to the start of work.
- The Contractor shall notify "Miss Utility" at 1-800-257-7777 at least forty-eight (48) hours prior to any excavation work being done.
- Limit of Disturbance: 26,200 Square Feet.
- Any damage to Public "Rights of Ways" or paved public roads shall be repaired immediately at the contractor's expense in accordance with the Howard County Standards and Specifications.
- This Project is conditionally exempt from the requirements of Section 16.1200 of the Howard County Code for Forest Conservation for the development of a single lot with less clearing than 20,00 square feet of forest. The Owner will file a Declaration of Intent (DOI) with the Building Permit.
- Deviation from these plans and specifications without prior written consent of the civil engineer (LDE, Inc.) may cause this work to be unacceptable.
- The dimensioned distances shall govern if scale distances on plan are found to be in disagreement.

THIS AREA DESIGNATES A PRIVATE SEWAGE AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT.

LDE Inc.
Engineers • Surveyors • Planners
Historic Carriage House • 7520 Main Street • Suite 203 • Sykesville, Maryland • 21784
(410)795-6391 • (410)795-6392 • FAX(410)795-9540 • www.LandSurveyorMD.com

DESIGNED BDB
DRAWN LDE
CHECKED BDB
DATE 10/2013

PLOT PLAN FOR BUILDING PERMIT AND SITE PLAN FOR BAT INSTALLATION
A#530987
PROPERTY OF
RAINMAKER DEVELOPMENT, INC.
#12180 HALL SHOP ROAD
ZONED: RR-DEO
TAX MAP 41 GRID 1 PARCEL 133
5th ELECTION DISTRICT HOWARD COUNTY, MD

SCALE 1" = 50'
DRAWING 1 OF 2
JOB NO. 09-200.02
FILE NO.

OWNER/DEVELOPER: Rainmaker Development, Inc.
6755 Business Parkway, Suite 103
Elkridge, MD 21075
410-574-1005