LAYOUT 10/4/07 INSP 4 1/7/08

INSP 2 10/5/07 INSP 5 1/8/08

INSP 3 10/9/07 INSP 6 1/9/08

ISSUE DATE: _____ P 527844

PERMIT

APPROVAL DATE: 1/9/08 Logged Into Permit Manager A 525229

TAX ID #

ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

Fogle's Septic Clean IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 580 Obrecht Rd PHONE NUMBER: 410-795-5670

SUBDIVISION: Freeman Property LOT NUMBER: 3

ADDRESS: 1410 Daisy Road PROPERTY OWNER: Patapsco Homes

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: ~~100~~ 130'

35
45
50
} 130' 3' Wide

Inlet 4.0

Bottom 8.5'

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 5.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	
NOTES:	Basement cannot sewer by gravity. Layout inspection required prior to installation. Area must be staked.

PLANS APPROVED: Sara Fegel DATE: 10/31/2006

NOTE: PERMIT VOID AFTER 2 YEARS
NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

NOT TO SCALE

See Larger As-Built Sheet

ROAD

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3.5'	5'

NUMBER OF TRENCHES 3
TOTAL LENGTH 131'
ABSORPTION AREA 393' +SW
DISTRIBUTION BOX LEVEL Levelers
DISTRIBUTION BOX BAFFLE Yes
DISTRIBUTION BOX PORT Yes

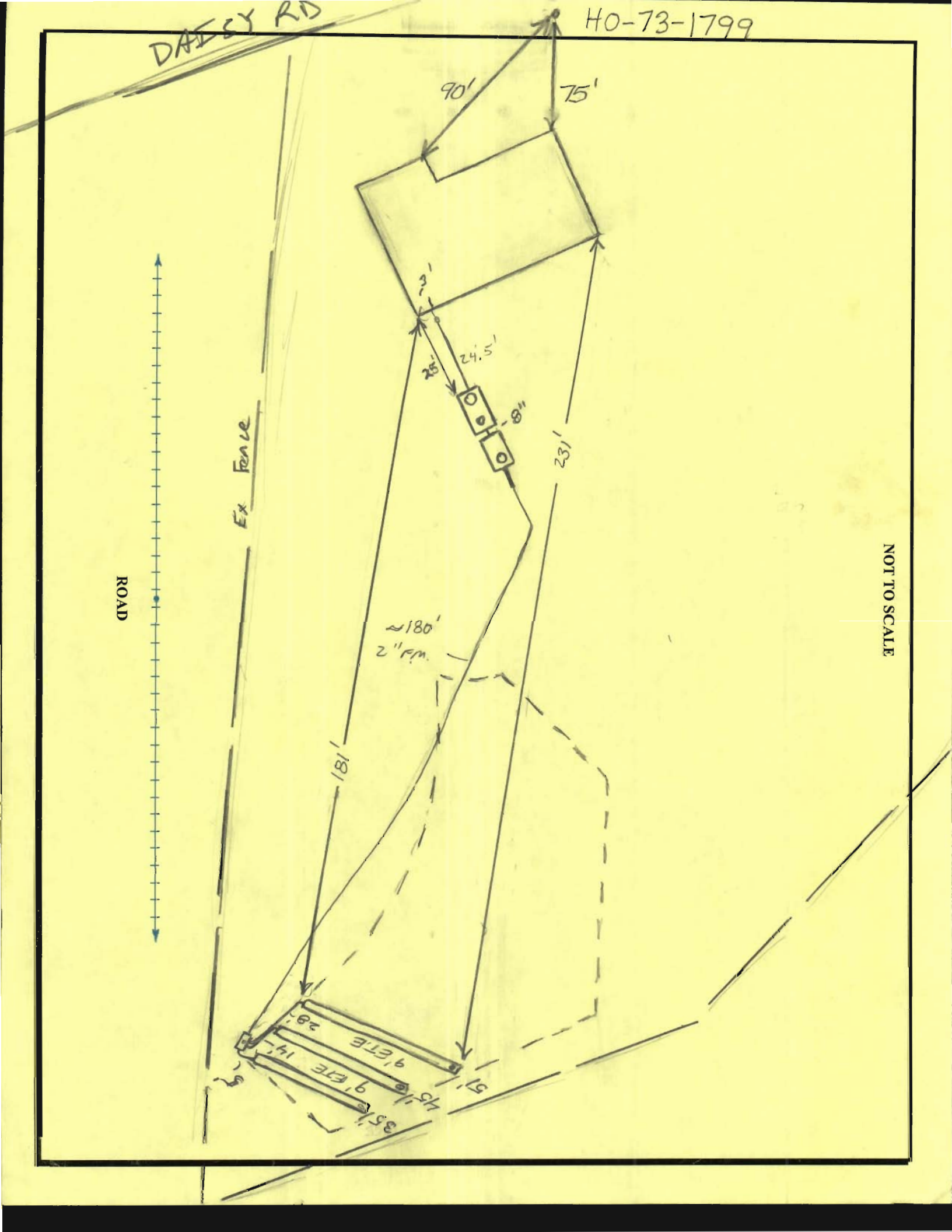
SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes
CAPACITY 2000 GAL
Babylon slotted SEAM LOC Top
TANK LID DEPTH 3'
BAFFLES Yes
BAFFLE FILTER —
MANHOLE LOC Front
6" PORT LOC Rear
WATERTIGHT TEST —
Pump SEPTIC TANK 2 LEVEL Yes
CAPACITY 1500 GAL
SEAM LOC Top
TANK LID DEPTH 1.5'
BAFFLES Front
BAFFLE FILTER —
MANHOLE LOC Rear
6" PORT LOC none
WATERTIGHT TEST —

PRE-CONSTRUCTION 10/4/07 Install a 35', 45' and 50' trench on contour across the top of the easement. Trench locations

INSTALLATION marked in field. Stay 100' from neighbor's well with trenches and tank. (BB) 10/5/07 Tanks set. No G.M. installed. Top 2 trenches installed. OK to cover those trenches. (KW) 10/9/07 System complete. Need P/A test (KW) 1/7/08 Alarm working. Only a trickle of water getting to dist. box. (BB) 1/8/08 No water getting to distribution box (BB) 1/9/08 Pipe to dist. box was broken. Fixed by Fogles. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 1/9/08


DAISY RD
HO-73-1799
90'
75'
3'
25'
24.5'
8"
Ex Fence
231'
ROAD
≈180'
2" F.M.
181'
NOT TO SCALE
29'
9' EXIT
15'
9' EXIT
43'-6"
57'
35'-6"

SEQUENCE OF CONSTRUCTION

1.	Obtain grading permit.	1 Day
2.	Install Sediment and Erosion Control Devices as shown on plan.	1 Day
3.	Clear and grub to limits of disturbance and mass grade to sub-base	1 Day
4.	Install temporary seeding.	1 Day
5.	Construct Buildings.	2 Months
6.	Fine grade site and install permanent seeding and landscaping.	1 Day
7.	Remove Sediment Control Devices as upland areas are stabilized and permission is granted by Erosion and Sediment Control Inspector.	2 Days

SEDIMENT CONTROL NOTES

1. A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Liscences and Permits, Sediment Control Division prior to the start of any construction (313-1855).
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current Maryland Standards and Specifications for soil erosion and sediment control and revisions thereto.
3. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes steeper than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
4. All sediment traps/basins shown must be fenced and warning signs posted around the perimeter in accordance with Vol. 1, Chapter 12, of the Howard County Design Manual, Storm Drainage.
5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control for Permanent Seeding (sec. 54), Temporary Seeding (Sec. 50), and Mulching (sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
7. Site Analysis:

Total Area of Site	1.0891 Acres
Area Disturbed	0.6544 Acres
Area to be roofed and paved	0.1085 Acres
Area to be vegetatively stabilized	0.5459 Acres
Total Cut	939 Cu. Yards
Total Fill	939 Cu. Yards
Offsite Waste/Borrow Area Location	N/A

8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9. Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
11. Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabiliized within one working day, whichever is shorter.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

Seedbed Preparation:
Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

Soil Amendments:
Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.).

Seeding:
For the periods March 1 through April 30, and August 15 through November 15, seed with 1 ½ bushels per acre of annual rye (3.2 lbs/1000 sq. ft.). For the period of May 1 thru August 14, seed with 3 lbs/acre of weeping lovegrass (0.7 lbs/1000 sq. ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching:
Apply 1 ½ to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal./1000 sq. ft.) for anchoring.

Refer to the 1988 Maryland Standards and Specification for Soil Erosion and Sediment Control for rate and methods not covered.

PERMANENT SEEDING NOTES

All disturbed areas shall be stabilized as follows:

Seedbed Preparation:
Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments:
Apply two tons per acre dolomitic limestone (92 lbs./1000 sq. ft.) and 600 lbs. per acre 0-20-20 fertilizer (14 lbs./1000 sq. ft.). Before seeding harrow or disc into upper 3 inches of soil. At time of seeding, apply 400 lbs. per acre 38-0-0 ureaform fertilizer (9 lbs./1000 sq. ft.) and 500 lbs. per acre (11.5 lbs./1000 sq. ft.) of 10-20-20 fertilizer.

Seeding:
For the periods March 1 through April 30, and August 1 through October 15, seed with 100 lbs. per acre (2.3 lbs/1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period of May 1 thru July 31, seed with 60 lbs/acre (1.4 lbs/1000 sq. ft.) Kentucky 31 Tall Fescue and 2 lbs. per acre (0.05 lbs/1000 sq. ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by:
Option 1) Applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring.
Option 2) Use sod.
Option 3) Seed with 100 lbs./acre Kentucky 31 Tall Fescue and mulch with two tons/acre well anchored straw. All slopes should be hydroseeded.

Mulching:
Apply 1 to 2 tons per acre (45 to 90 lbs./1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using 200 gallons per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal./1000 sq. ft.) for anchoring.

Maintenance:
Inspect all seeded areas and make needed repairs, replacements and reseedings.

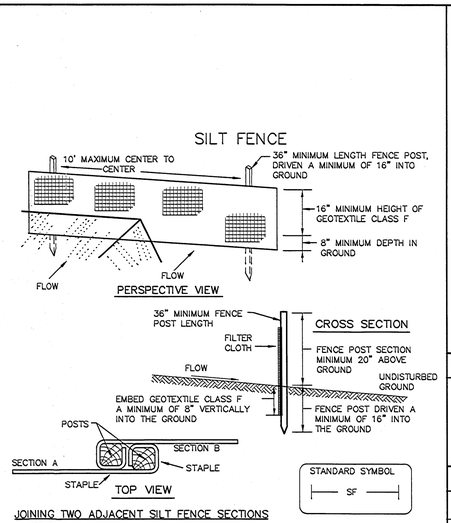
*For public ponds substitute Chemung Crownvetch at 15 lbs./acre and Kentucky 31 Tall Fescue at 40 lbs./acre as the seeding requirement. Optimum seeding date for this mixture is March 1 to April 30.

TOPSOIL SPECIFICATIONS

Soil to be used as topsoil must meet the following:
Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam or loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting texture subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash or other materials larger than 1 ½" in diameter.

Topsoil must be free of plants or plant parts such as bermuda grass, quackgrass, johnsongrass, nutsedge, poison ivy, thistle or others as specified.

Where the topsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 lbs./1000 sq. ft.) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations.



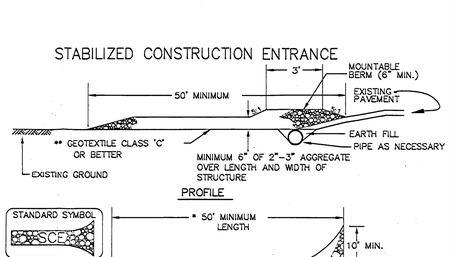
JOINING TWO ADJACENT SILT FENCE SECTIONS

Construction Specifications

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 11/2" x 11/2" square (minimum) cut, or 13/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs./in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal/ft /minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.



Construction Specification

1. Length – minimum of 50' (*30' for single residence lot).
2. Width – 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.
4. Stone – crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
5. Surface Water – all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
6. Location – A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

Approved for private water and private sewerage

Robert J. Weber 10/27/06
for Howard County Health Officer Date

GENERAL NOTES

1. Subject Property Zoned: RC-DEO.
2. Total area of property: 43,347 sq. ft.
3. Septic easement subject to Howard County Health Department review.
4. Length of trench to be determined at time of septic permit issuance.
5. Contractor/Builder to verify elevation in the field before beginning any construction.
6. Field run topographic survey run by Fisher, Collins & Carter, inc in May of 2004..
7. No wetlands currently exist on the property.
8. For driveway entrance detail refer to Howard County Design Manual Volume IV Standard Detail R6.06..
9. [ ] This area designates a private sewerage easement that is 6,873 square feet as required by the Maryland State Department of the Environment for individual sewerage disposal. Improvements of any nature in this area are restricted until public sewerage is available. These easements shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewerage easement. Recordation of a modified sewerage easement shall not be necessary. Lot was recorded April 19, 1977.
10. The lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland State Department of the Environment.
11. Existing wells and/or sewerage easements within 100 feet of the property have been shown from the best available information.
12. All house sites shown comply with minimum building restriction regulations.
13. All wells shall be drilled prior to final plat recordation. It is the developer's responsibility to schedule the well drilling prior to final plat submission. It will not be considered "government delay" if the well drilling holds-up the Health Department signature of the record plat.
14. "The existing well shown on this plan identified with the attached well tag number HO-73-1799 has been field located by DRS & Associates professional land surveyor and is accurately shown."
15. There is no stockpile area located on site, stockpiling will not be permitted on site.

SEPTIC TEST LEGEND

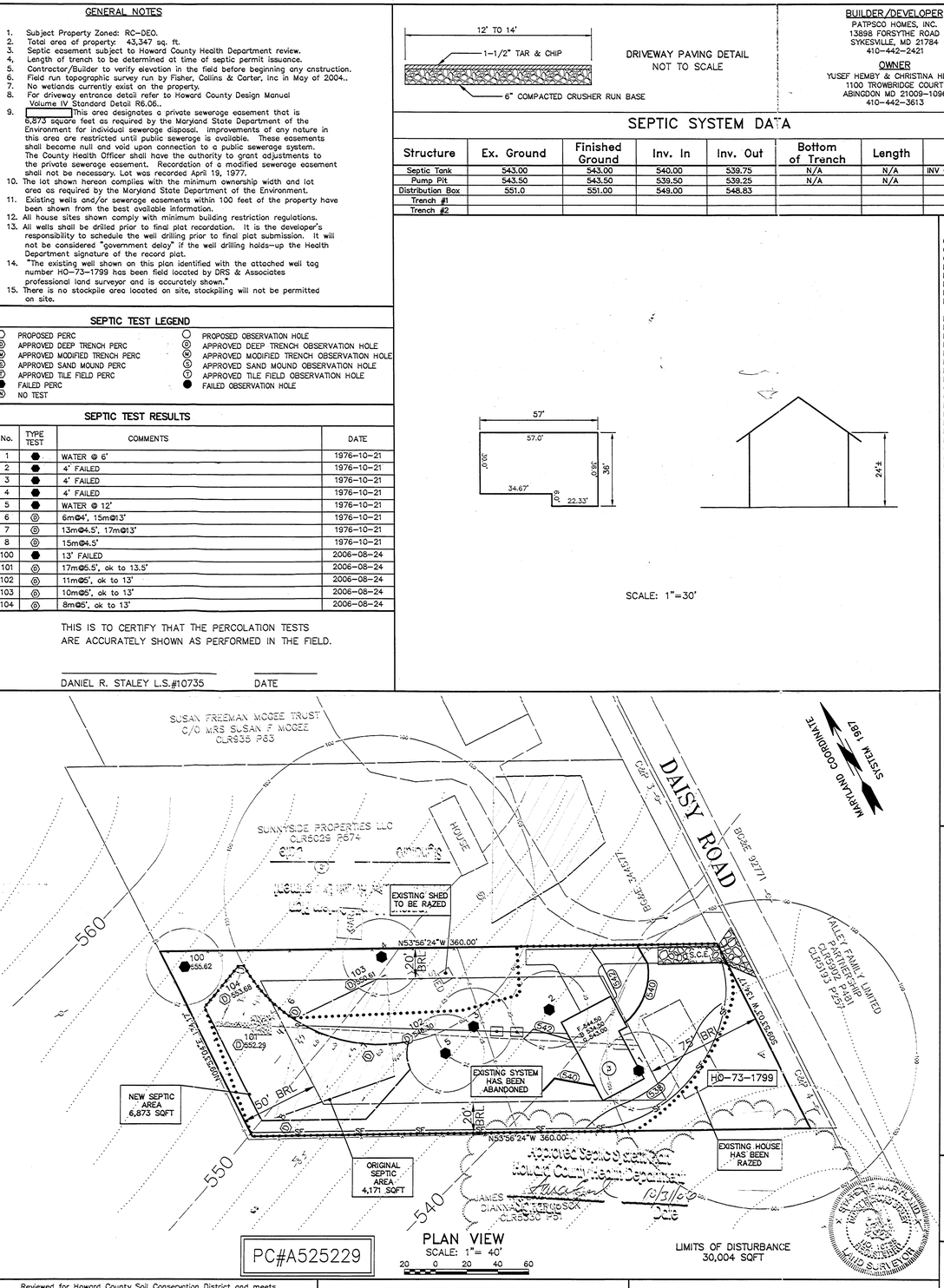
○ PROPOSED PERC	○ PROPOSED OBSERVATION HOLE
◎ APPROVED DEEP TRENCH PERC	◎ APPROVED DEEP TRENCH OBSERVATION HOLE
Ⓜ APPROVED MODIFIED TRENCH PERC	Ⓜ APPROVED MODIFIED TRENCH OBSERVATION HOLE
Ⓢ APPROVED SAND MOUND PERC	Ⓢ APPROVED SAND MOUND OBSERVATION HOLE
Ⓣ APPROVED TILE FIELD PERC	Ⓣ APPROVED TILE FIELD OBSERVATION HOLE
● FAILED PERC	● FAILED OBSERVATION HOLE
Ⓝ NO TEST	

SEPTIC TEST RESULTS

No.	TYPE TEST	COMMENTS	DATE
1	●	WATER @ 6'	1976-10-21
2	●	4' FAILED	1976-10-21
3	●	4' FAILED	1976-10-21
4	●	4' FAILED	1976-10-21
5	●	WATER @ 12'	1976-10-21
6	◎	6m@4', 15m@13'	1976-10-21
7	◎	13m@4.5', 17m@13'	1976-10-21
8	◎	15m@4.5'	1976-10-21
100	●	13' FAILED	2006-08-24
101	◎	17m@5.5', ok to 13.5'	2006-08-24
102	◎	11m@5', ok to 13'	2006-08-24
103	◎	10m@5', ok to 13'	2006-08-24
104	◎	8m@5', ok to 13'	2006-08-24

THIS IS TO CERTIFY THAT THE PERCOLATION TESTS ARE ACCURATELY SHOWN AS PERFORMED IN THE FIELD.

DANIEL R. STALEY L.S.#10735 DATE



Reviewed for Howard County Soil Conservation District and meets technical requirements.

U.S.D.A. Natural Resources Conservation Service Date

This Development is approved for soil erosion and sediment control by the Howard County Soil Conservation District. Approved:

Howard Soil Conservation District Date

DEVELOPER'S CERTIFICATION

I/we certify that all development and construction will be done according to this plan and that any responsible personnel involved in the construction project will have a certificate of attendance at a Department of the Environment approved training program for the control of sediment and erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.

Signature of Developer 9-27-06 Date

ENGINEER'S CERTIFICATE

"I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

ENGINEER 2006-09-27 Date

DRIVEWAY PAVING DETAIL
NOT TO SCALE

BUILDER/DEVELOPER

PATPSCO HOMES, INC.
13898 FORSYTHE ROAD
SYKESVILLE, MD 21784
410-442-2421

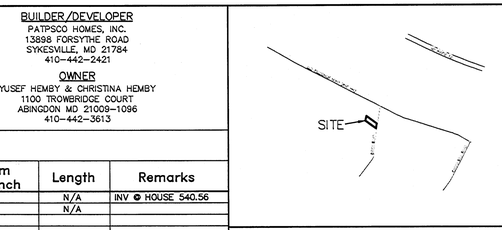
OWNER

YUSEF HEMBY & CHRISTINA HEMBY
1100 TROWBRIDGE COURT
ABINGDON MD 21009-1096
410-442-3613

SEPTIC SYSTEM DATA

Structure	Ex. Ground	Finished Ground	Inv. In	Inv. Out	Bottom of Trench	Length	Remarks
Septic Tank	543.00	543.00	540.00	539.75	N/A	N/A	INV @ HOUSE 540.56
Pump Pit	543.50	543.50	539.50	539.25	N/A	N/A	
Distribution Box	551.0	551.00	549.00	548.83			
Trench #1							
Trench #2							

SCALE: 1"=30'



VICINITY MAP SCALE: 1"=2000'

LEGEND

	Existing	Proposed
Cable Line	C	C
Center Line Rd		
Curb		
Easement		
Electric	E	E
Edge of Rd		
Edge of Shoulder		
Feature separation distance in feet		
Fenceline	X	X
FIRM 100 Yr. Flood Boundary		
Flood Boundary 500 Yr.		
Flood Boundary 100 Yr.		
Floodway		
Forest		
Forest Cons. Esmt.		
Flow Line(Swale,Ditch,Waterway)		
Gas Line	G	G
Guardrail		
Ind. Contours	410	(410)
Int. Contours		
Limits of Disturbance		
Lot Line		
Municipal Boundary		
Overhead Lines	OH	OH
Plat Outline		
Right-Of-Way Line		
Septic Area		
Set Back Line		
Sewer		
Soil Type		
Storm drain		
Stream		
Stream Intermittent Soil Survey		
Stream Buffer		
Telephone	T	T
Underground Cable	UG	UG
Water Line	W	W
Zoning Line		
Bit. Conc. Pav.		
Concrete		

	Existing	Proposed
Baseline/Centerline Point		
Cable Marker		
Clean Out, Sewer/Drain		
Coniferous Tree		
Deciduous Tree		
Discharge Flow (to swale,ditch,waterway)		
Dry Hole		
Dry Well		
Electric Transformer		
Fire Hydrant		
Flow Upon Ground		
Inlet		
Mail Box		
Manhole		
Pole Light		
Shrub		
Sign / FCE Sign		
Sinkhole		
Specimen		
Candidate Tree		
Spring		
Structure		
Telephone Pedestal		
Water Curb Box		
Water Meter		
Water Valve		
Utility Pole		
Utility Pole w/Guy Wire		
Well		

ABBREVIATIONS

100FB	100 YEAR FLOOD BOUNDARY	M	MINUTES
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIAL	NAD	NORTH AMERICA DATUM
		NAVD	NORTH AMERICA VERTICAL DATUM
ALCMP	ALUMINUM CORRUGATED METAL PIPE	NDC	NOSE DOWN CURB
APP	APPROVED	NIC	NOT IN CONTRACT
B	BASEMENT FLOOR ELEVATION or BOOK	OS	OFFSET
BCCMP	BITUMINOUS COATED CORRUGATED METAL PIPE	P	PAGE
BEGIN	BEGIN	PB	PLAT BOOK
BL	BASELINE	PC	POINT OF CURVE
BLP	BEGIN LINEAR PROFILE	PEDF	PERPETUAL EASEMENT FOR DRAINAGE FACILITY
BRL	BUILDING RESTRICTION LINE		
C-C	CENTER TO CENTER	PGL	PROFILE GRADE LINE
C-O-S	SOIL-CEMENT-SAND	PL	PROPERTY LINE
CL	CENTERLINE or CLASS	PT	POINT OF TANGENT
CMP	CORRUGATED METAL PIPE	PR	PROFILE
C/O	CLEAN OUT	PVC	POINT OF VERTICAL CURVE
CRDB	COUNTY ROAD DEED BOOK	PVI	POINT OF VERTICAL INTERSECTION
CRPB	COUNTY ROAD PLAT BOOK	PVT	POINT OF VERTICAL TANGENT
DIA	DIAMETER	PWA	PUBLIC WORKS AGREEMENT
Dn	NORMAL DEPTH	Q	CUBIC FEET PER SECOND
DUE	DRAINAGE UTILITY EASEMENT	R	RIGHT or RADIUS
DWY	DRIVEWAY	RCP	REINFORCED CONCRETE PIPE
E	ENTRANCE ELEVATION	SC	SEWER CONNECTION
ESW	EMERGENCY SPILLWAY ELEVATION	SD	STORM DRAIN
EL	ELEVATION	SH	SHEET
ELP	END LINEAR PROFILE	SHA	MARYLAND STATE HIGHWAY ADMINISTRATION
EX	EXISTING GROUND LINE		
F	FIRST FLOOR ELEVATION or FOLIO	SS	SANITARY SEWER
FCE	FOREST CONSERVATION EASEMENT	TCB	TOP CONSTRUCTED BERM
FG	FINISHED GRADE	TCD	TOP CONSTRUCTED DAM
G	GARAGE ELEVATION	TOB	TOP OF BERM
GR	GUARD RAIL	TOC	TOP OF CURB
GWW	GRASS WATERWAY	TOD	TOP OF DAM
HDPE	HIGH DENSITY POLYETHYLENE	TOG	TOP OF GRATE
HG	HYDRAULIC GRADIENT	TOR	TOP OF RIM
HOR	HORIZONTAL	TYP	TYPICAL
HP	HIGH POINT	U-I-C	USE-IN-COMMON
IEE	INGRESS & EGRESS EASEMENT	V	VELOCITY FEET PER SECOND
INV	INVERT	VERT	VERTICAL
L	LEFT or LOT	WC	WATER CONNECTION
LF	LINEAR FEET	WL	WATERLINE
LP	LOW POINT	WO	WALKOUT

PERCOLATION CERTIFICATION PLAN/SITE PLAN AND SEDIMENT EROSION CONTROL PLAN, NOTES & DETAILS

FREEMAN PROPERTY

LOT 3

ZONED RC-DEO — PLAT NO. 3673
4TH ELECTION DISTRICT — HOWARD COUNTY, MARYLAND

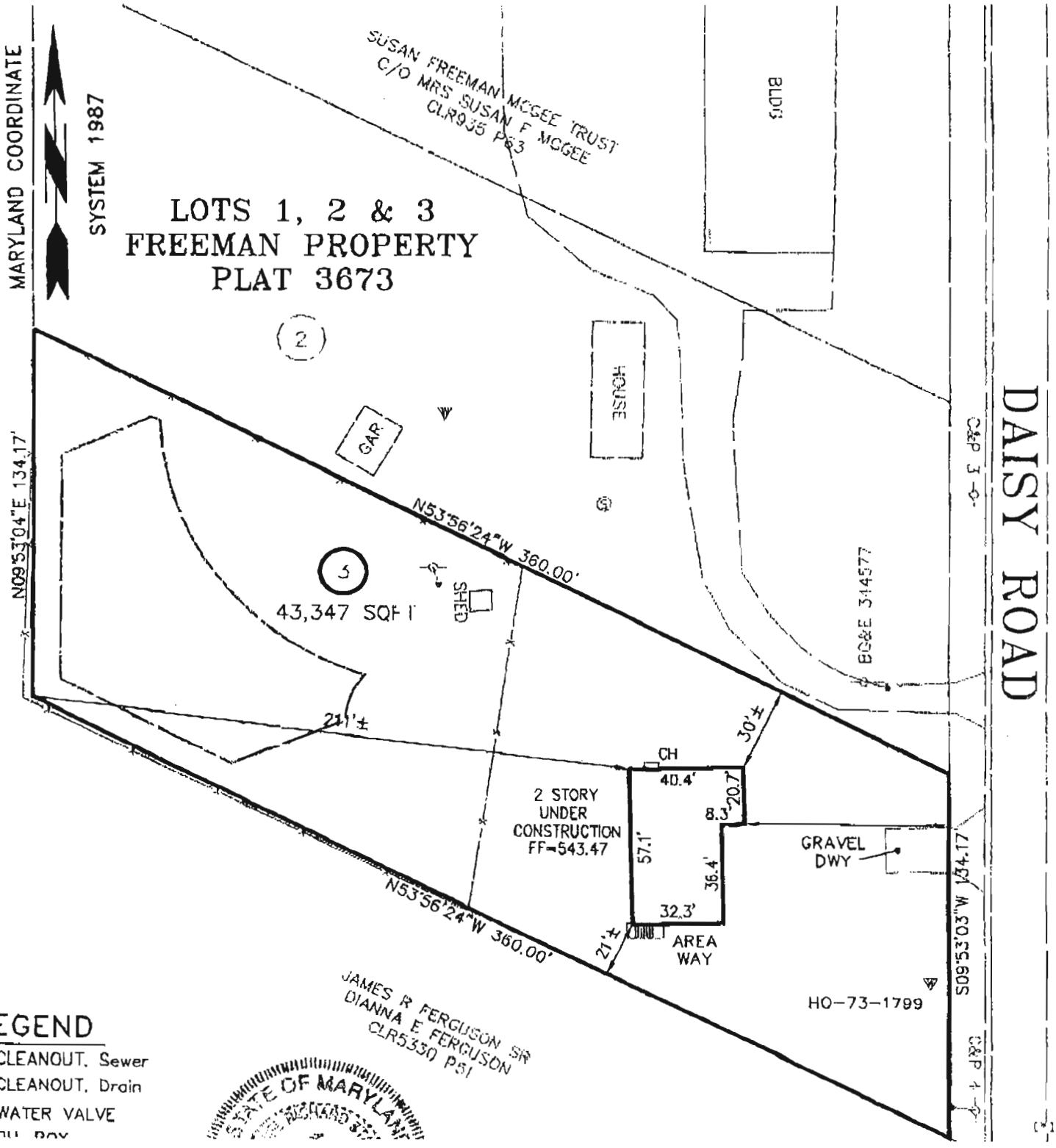
D.R.S. & ASSOCIATES
LAND DESIGN CONSULTANTS
52 WINTERS STREET WESTMINSTER, MARYLAND 21157
410-848-4060 410-876-6040 F. 410-876-7603

REV.No.	DATE	BY	DESCRIPTION
1	2006-08-16	DRS/jfs	PER HCHD 2006-08-15
2	2006-08-29	DRS/jfs	ADD PERC RESULTS
3	2006-09-14	DRS/jfs	PER HCHD 2006-09-14
4	2006-09-25	DRS/jfs	PER HCHD 2006-09-19

DATE: 2006-06-12
SCALE: 1"= 40'
SHT.NO. :1 OF 1
DWG.: ST01-01

DRS & ASSOCIATES
LAND DESIGN CONSULTANTS

10/3/07
Well Check
ok



LEGEND

- CLEANOUT, Sewer
- CLEANOUT, Drain
- WATER VALVE
- EU BOX