

JUN 29 2020

PERMIT NUMBER: B20002103

DATE ACCEPTED:

LICENSES & PERMITS

RESIDENTIAL BUILDING PERMIT APPLICATION

HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS

3430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4 www.howardcountymd.gov

BUILDING SITE ADDRESS REQUIRED

Street Address: 14680 DORSEY MILL ROAD TAX ID# 331443 Unit:
City: GLENWOOD State: MD Zip Code: 21738
Subdivision/Village/Complex Name: 1004 SDP/WP/BA #: -
Lot: - Tax Map: 21 Parcel: 30 Grading Permit #: -

DESCRIPTION OF WORK REQUIRED

Existing Use: SFD Proposed Use: SFD W/POOL Estimated Cost: \$50,000
Trade Work to Be Completed (Separate Permits Required): Mechanical (HVACR) Electrical Plumbing None SEPARATE PERMIT
INSTALL 18' x 36' RECTANGLE POOL IN REAR YARD POOL TO BE 3 1/2 TO 6 1/2 FEET DEEP. POOL TO BE EQUIPPED W/AN AUTOMATIC POOL COVER + ENCLOSED BY FENCE TO COVER. POOL FILLED BY TR.

PROPERTY OWNER INFORMATION REQUIRED

Owner(s) Name(s) (As it appears on tax records): ROBERT H. & KARA L. JONES Primary Residence: X Yes
Owner's Street Address: 14680 DORSEY MILL ROAD
City: GLENWOOD State: MD Zip Code: 21738
Phone: 410-627-3256 (KARA) Email:

APPLICANT NAME REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION

Business Name: ATLANTIC POOLS, INC Contact Name: DAVID EDMONDS
Street Address: 15675 UNION CHAPEL RD
City: WOODBINE State: MD Zip Code: 21797
Phone: 301-829-4004 Email: DEDMONDS@ATLANTICPOOLS.NET

CONTRACTOR INFORMATION REQUIRED

Business Name: ATLANTIC POOLS INC
Licensee's Name: DAVID DAVID EDMONDS License #: 120130
Street Address: 15675 UNION CHAPEL RD
City: WOODBINE State: MD Zip Code: 21797
Phone: 301-829-4004 Email: DEDMONDS@ATLANTICPOOLS.NET

ARCHITECT/ENGINEER INFORMATION INDIVIDUAL WHO SIGNED PLANS, IF APPLICABLE

Business Name: Name:
Street Address:
City: State: Zip Code:
Phone: Email:

BUILDING CHARACTERISTICS REQUIRED

Primary Structure: X SF Dwelling SF Townhouse SF Duplex Mobile Home Multi-Family Dwelling (MF*) Condo: Yes No
Utilities: Electric Gas Water Supply: Public Private (Well) Sewage Disposal: Public Private (Septic)
Heating System: Electric Natural Gas Propane Other: Roadside Tree Project: No Yes: #
Sprinkler System: NFPA 13 NFPA 13R NFPA 13D None Fire Alarm System: Yes No Voice Evac

ADDITIONAL RESIDENTIAL INFORMATION (PLEASE SELECT/COMPLETE ALL THAT APPLY)

Model Name & Options: SEE ABOVE - SWIMMING POOL
of Bedrooms (SF): # of efficiency units (MF*): # of 1 BR (MF*): # of 2 BR (MF*): # of 3 BR (MF*):
Rooms: # Full Baths: # Half Baths: # Fireplaces:
Garage/Carport Info: Attached Garage Detached Garage Integral Garage Carport None
Basement/Foundation Info: Slab on Grade Post & Pier Unfinished Basement Finished Basement: Full or Partial
1st Fl Width: 1st Fl Depth: 2nd Fl Width: 2nd Fl Depth: Bsmt Width: Bsmt Depth:
Energy Method: Prescriptive Performance UA Alternative ERI Gross Area: sq ft Occupiable Area: s

AGREEMENT/ DISCALIMER REQUIRED

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

David Edmonds APPLICANT'S ORIGINAL SIGNATURE 6/24/2020 DATE SIGNED RECEIVED

FOR OFFICE USE ONLY

CHECKS PAYABLE TO: DIRECTOR OF FINANCE OF HOWARD COUNTY

AGENCIES REQUIRED/APPROVALS: LICENCES & PERMITS DIVISION
SHA CID
SUBMITTAL FEES: \$275.00 PAYMENT: No Check ACCEPTED BY: Brad Fox

LAYOUT 6/26/2012 INSP 4 _____
INSP 2 7/2/2012 INSP 5 _____
INSP 3 7/6/2012 INSP 6 _____

ISSUE DATE: 6/11/12

PERMIT

P 537323

APPROVAL DATE: 7/11/2012

A 524041

Tax ID # 04-331443

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

Farm & Home Excavating, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS: 901 Driver Rd PHONE NUMBER: 410-442-2139

SUBDIVISION: Judd Property LOT NUMBER: 16

ADDRESS: 14680 Dorsey Mill Road PROPERTY OWNER: Helen and Richard Judd

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: >3500

LINEAR FEET OF TRENCH REQUIRED: 167'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 5.0 feet below original grade with 2.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank per layout inspection. Set distribution per layout inspection. Install 167 feet of trench on contour per layout inspection.
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Dana Bernard/Sara Sappington DATE: 08/03/11

- 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

**NEITHER THE HOWARD COUNTY COUNCIL OR 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 As-Built Drawing
On Separate Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

3' 2'-2.5' 5'

NUMBER OF TRENCHES 3

TOTAL LENGTH 168'

ABSORPTION AREA 504 + Sidewalk

DISTRIBUTION BOX LEVEL Levelers

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK I LEVEL Yes

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 0.5-2.5'

BAFFLES Yes

BAFFLE FILTER No

MANHOLE LOC Front

6" PORT LOC Rear

WATERTIGHT TEST No

SLOTTED Yes

DATE ON LID 5/20/2012

RUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER

CAPACITY GAL

SEAM LOC

TANK LID DEPTH

BAFFLES

BAFFLE FILTER

MANHOLE LOC

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID

PRE-CONSTRUCTION:

6/26/2012 Perc. test notes missing. Install a 40, 60' and 70' trench on contour across the top of the easement. Set the tank and distribution box close to where they are shown on the B.P. plan. (BB)

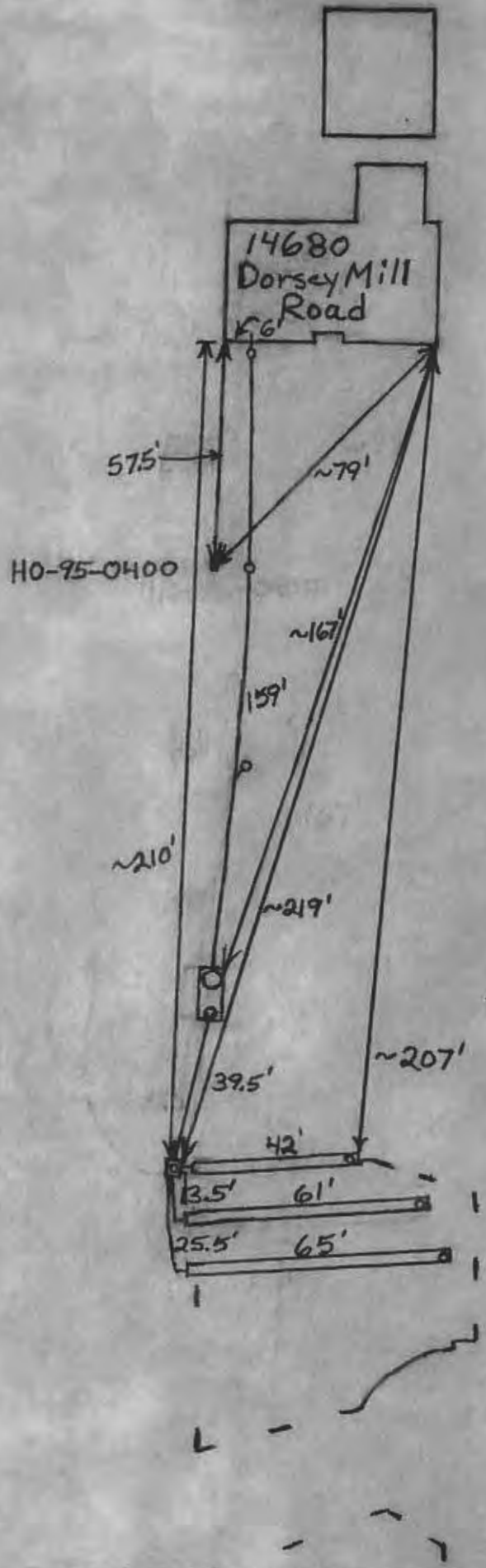
INSTALLATION: 7/2/2012 House connection made. Tank and dist. box installed. (BB)

7/6/2012 Top two trenches finished. (BB)

7/11/2012 System finished. O.K. to backfill. (BB)

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 7/11/2012



THIS LOT DOES NOT APPEAR TO LIE WITHIN THE 100 YEAR FLOOD PLAIN AS SHOWN ON THE F.E.M.A. FLOOD HAZARD MAP 240044-0020-B AS REVISED DECEMBER 4, 1986.

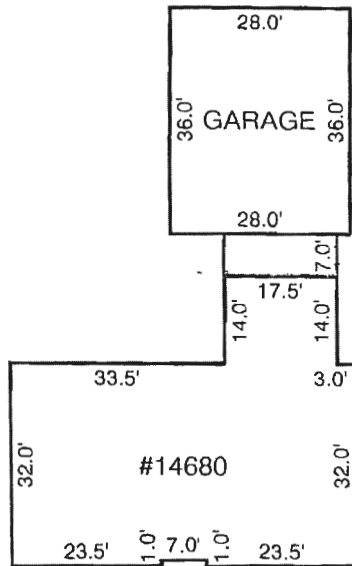
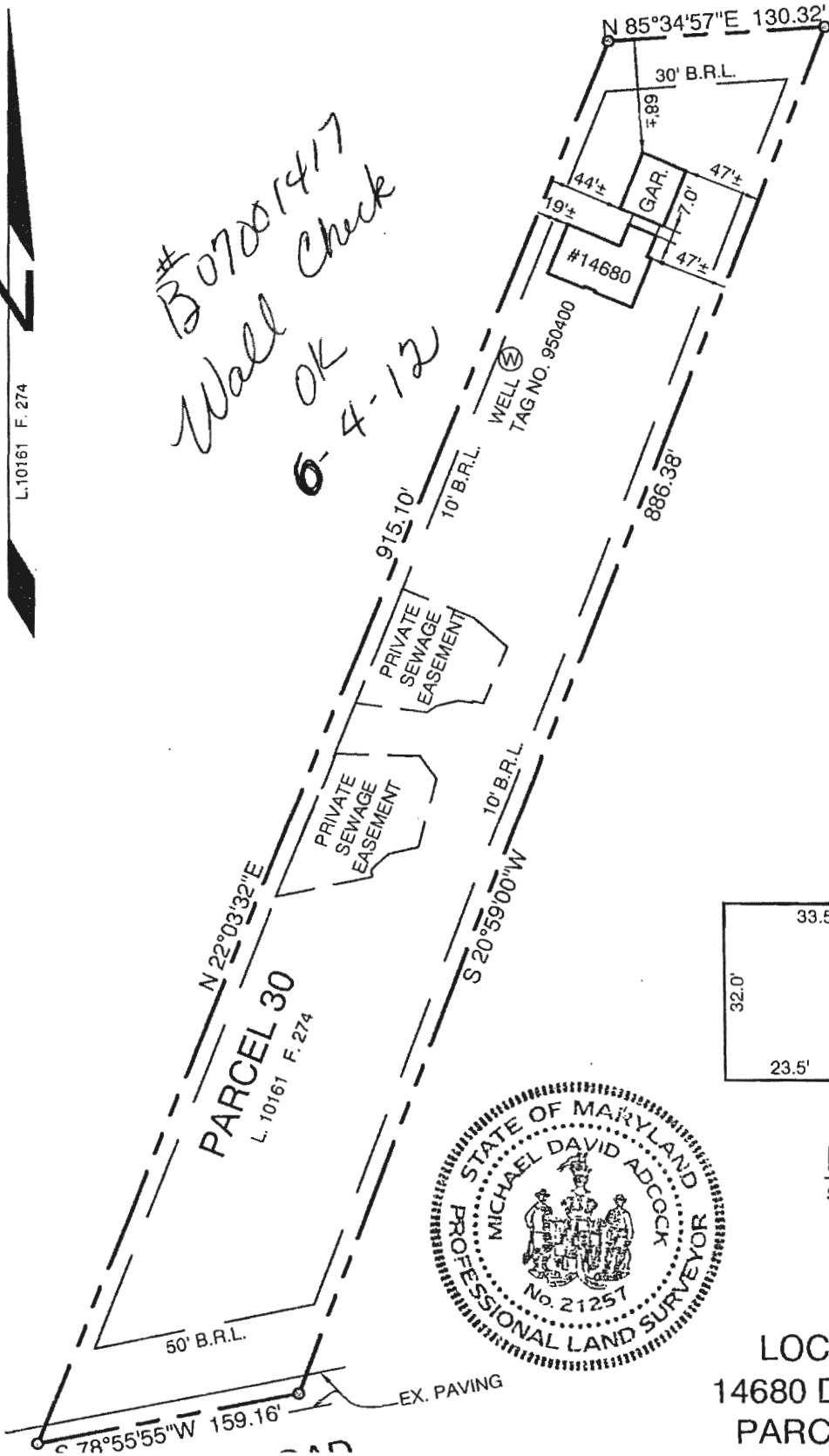
WALL CHECK: 08-12-11
TOP OF WALL ELEV.= 513.5'

NOTES:

1. THIS PLAT IS A BENEFIT TO THE CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING PURPOSES. THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE STRUCTURES. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR FOR SECURING FINANCING OR REFINANCING.
2. THE +/- SETBACK ACCURACY IS 1 FOOT.
3. THIS PLAN OR PLAT IS NOT INTENDED TO SHOW ALL MATTERS RELATED TO THE PROPERTY SHOWN HEREON.



B07001417
Wall Check
OK
6-4-12



DETAIL
SCALE: 1"=30'

LOCATION DRAWING
14680 DORSEY MILL ROAD
PARCEL 30, TAX MAP 21

STORMWATER MANAGEMENT BASE DATA

Site Area	113,221 SF	2.60 Ac
Proposed Disconnected Disturbed Area (LOD)	12,354	0.28
Rooftop Disconnected Area	2,784	0.06
Non-Rooftop Impervious	9,570	0.22
Total Proposed Impervious Area	12,354	0.28 Ac.
Predominant Soil Type	Manor, Glenleg	
SCS Hydrologic Soil Group	B	

Bioretention System

Water Quality Volume (WQv)

1a. Volumetric Runoff Coefficient (Rv)

$$\begin{aligned}
 Rv &= 0.05 + (0.009)(I) \\
 &= 0.05 + (0.009)(10.9) \\
 &= 0.05 + 0.981 = 0.148
 \end{aligned}$$

1b. Eastern Rainfall Zone, P = 1"

1c. Water Quality Volume (WQv)

$$\begin{aligned}
 WQv &= (P)(Rv)(A) / 12 \\
 &= (1)(0.15)(2.6) / 12 \\
 &= 0.39 / 12 = 0.0325 \text{ Ac Ft.} = 1,415.7 \text{ cf}
 \end{aligned}$$

Check Minimum

$$\begin{aligned}
 WQv &= (P)(A) / 12 \\
 &= (0.2)(2.6) / 12 \\
 &= 0.0433 \text{ Ac Ft} = 1,887.6 \text{ cf}
 \end{aligned}$$

Use WQv = 1,887.6 cf

2. Recharge Volume (Rev)

$$\begin{aligned}
 Rev &= (S)(Rv)(A) / 12 \\
 &= (0.26)(0.15)(2.6) / 12 \\
 &= 0.10 / 12 \\
 &= 0.0084 \text{ Ac. Ft} = 368.1 \text{ Cf}
 \end{aligned}$$

Dry Well Computation

40 CF Storage / 500 SF of Rooftop

Dry Well 'A'

$$\frac{1,348 \text{ SF}}{500 \text{ SF}} \times \frac{40 \text{ CF}}{0.4}$$

$$2.7 \times 100 = 270 \text{ CF}$$

2 Dry Well 5' x 5' x 5.4'

Dry Well 'B'

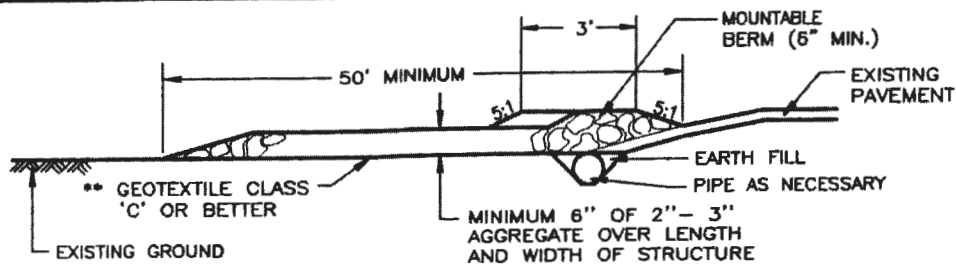
$$\frac{1,008 \text{ SF}}{500 \text{ SF}} \times \frac{4.0 \text{ CF}}{0.4}$$

$$2.0 \times 100 = 200 \text{ CF}$$

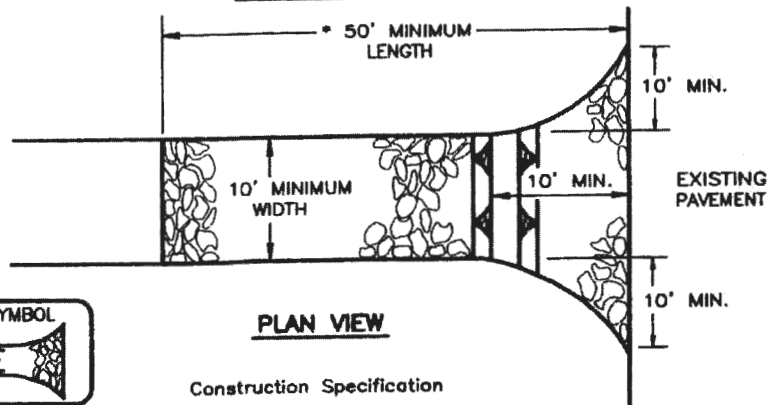
2 Dry Well 5' x 4' x 5'

KEY	QU
NS	
AR	
LB	
VD	
LC	
OS	

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE

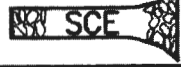


PROFILE



PLAN VIEW

STANDARD SYMBOL



Construction Specification

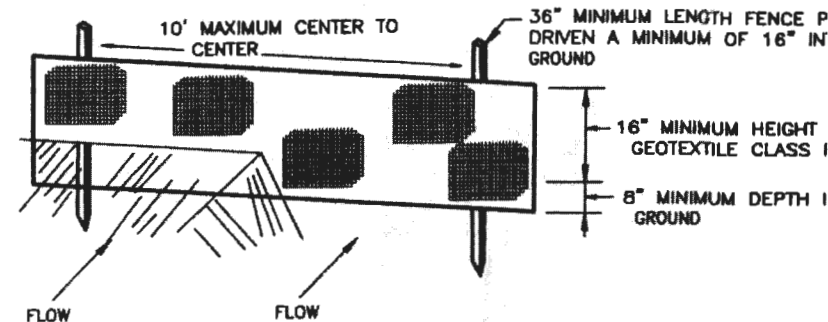
1. Length - minimum of 50' (* 30' for a single residence lot).
2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. ** The plan approval authority may not require 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.

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

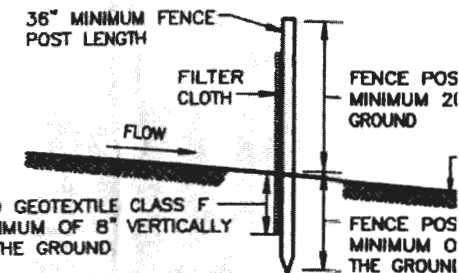
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MARYLAND DEPARTMENT OF ENVIRONMENT
WATER MANAGEMENT ADMINISTRATION

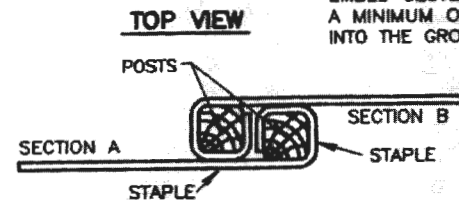
DETAIL 22 - SILT FENCE



PERSPECTIVE VIEW



CROSS SECTION



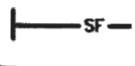
JOINING TWO ADJACENT SILT FENCE SECTIONS

Construction Specifications

1. Fence posts shall be a minimum of 36" long, driven 16" minimum ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighing not less than 10 pounds per linear foot.
2. Geotextile shall be fastened securely to each fence post with wire tie staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT
Tensile Modulus	20 lbs/in (min.)	Test: MSMT
Flow Rate	0.3 gal ft ² /minute (max.)	Test: MSMT
Filtering Efficiency	75% (min.)	Test: MSMT
3. Where ends of geotextile fabric come together, they shall be overlapped and stapled to prevent sediment bypass.
4. Silt Fence shall be inspected after each rainfall event and maintained where bulges occur or when sediment accumulation reaches 50% of the face height.

STANDARD SYMBOL



U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

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MARYLAND DEPARTMENT OF ENVIRONMENT
WATER MANAGEMENT ADMINISTRATION

