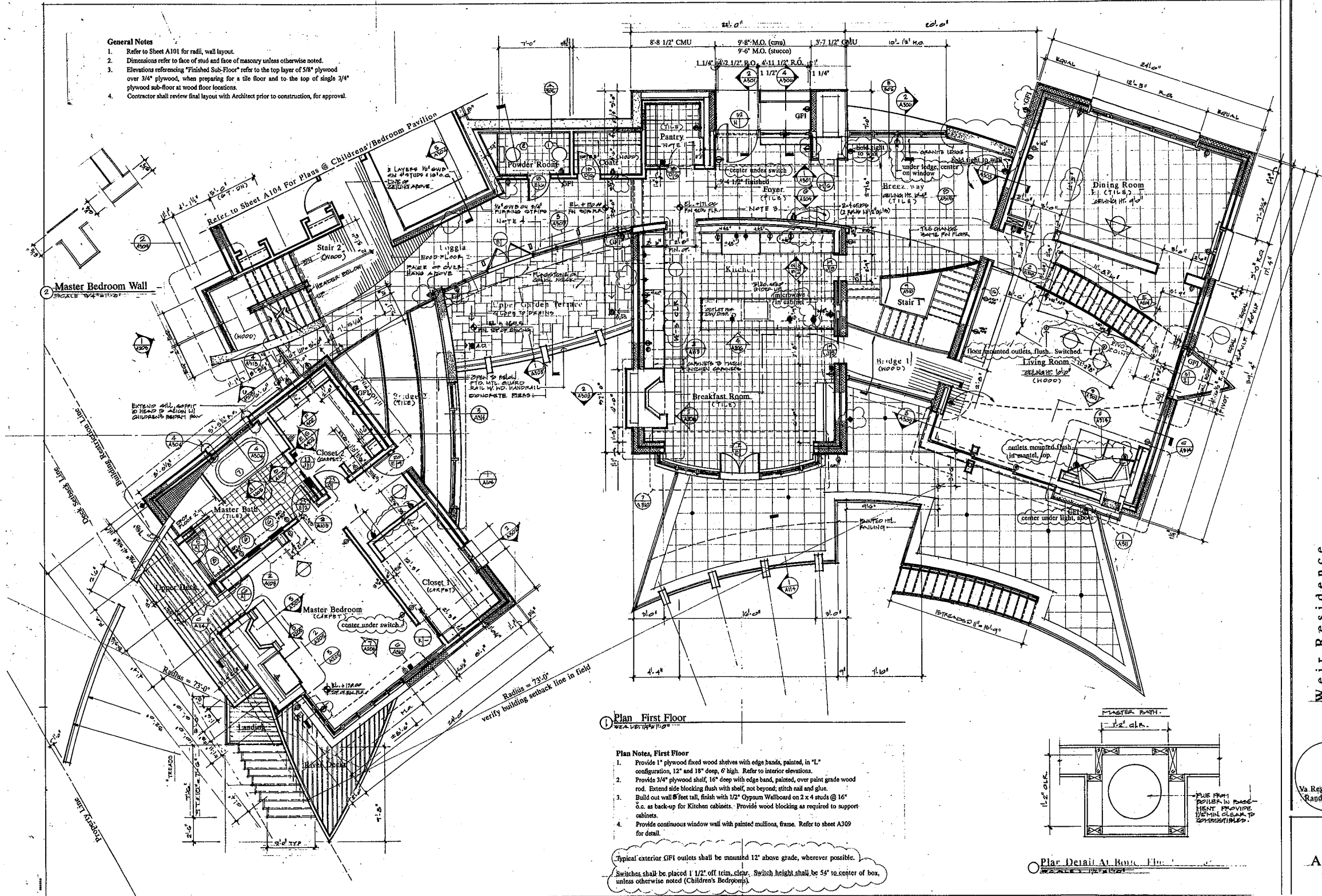


General Notes

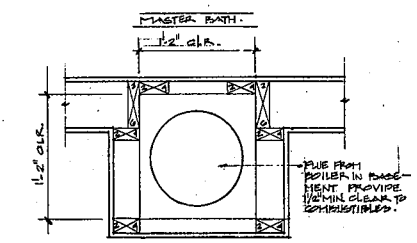
1. Refer to Sheet A101 for radii, wall layout.
2. Dimensions refer to face of stud and face of masonry unless otherwise noted.
3. Elevations referencing "Finished Sub-Floor" refer to the top layer of 5/8" plywood over 3/4" plywood, when preparing for a tile floor and to the top of single 3/4" plywood sub-floor at wood floor locations.
4. Contractor shall review final layout with Architect prior to construction, for approval.



Plan First Floor

- Plan Notes, First Floor**
1. Provide 1" plywood fixed wood shelves with edge bands, painted, in "L" configuration, 12" and 18" deep, 6" high. Refer to interior elevations.
 2. Provide 3/4" plywood shelf, 16" deep with edge band, painted, over paint grade wood nos. Extend side blocking flush with shelf, not beyond, stich nail and glue.
 3. Build out wall 6 feet tall, finish with 1/2" Gypsum Wallboard on 2 x 4 studs @ 16" o.c. as back-up for Kitchen cabinets. Provide wood blocking as required to support cabinets.
 4. Provide continuous window wall with painted mullions, frame. Refer to sheet A309 for detail.

Typical exterior GFI outlets shall be mounted 12" above grade, wherever possible.
Switches shall be placed 1 1/2" off trim, clear. Switch height shall be 54" to center of box, unless otherwise noted (Children's Bedrooms).

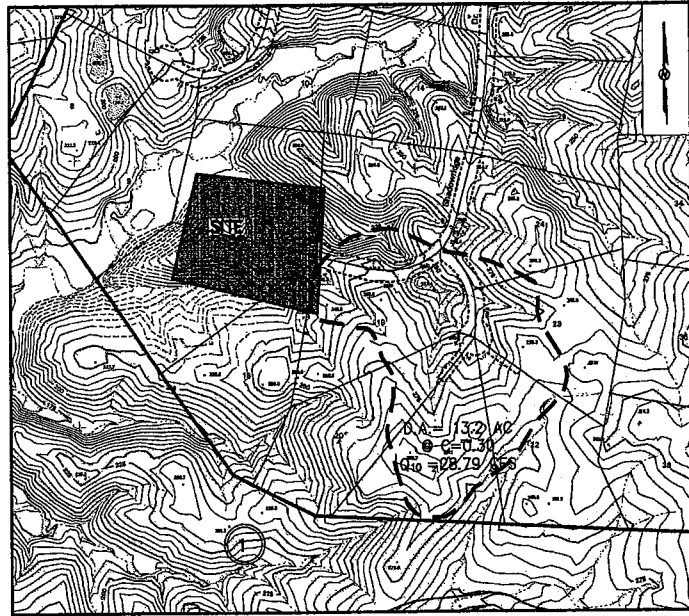


Plan Detail At Room Floor

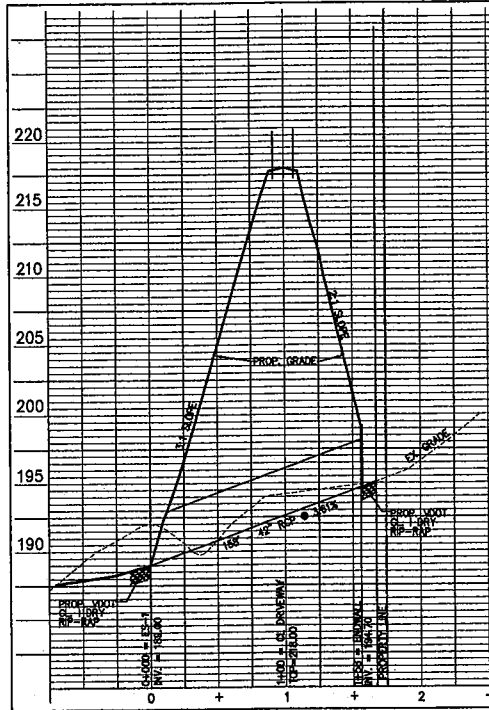
Weir Residence
1100 Crest Lane, McLean, Virginia
Construction Issue 1.6.97

Randall Mars Architects
6708 Old McLean Village Drive, McLean, Virginia 22101
703-749-0431

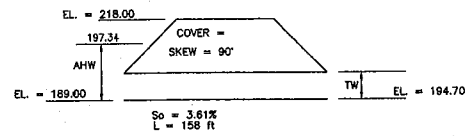
Va. Reg. No. 5478
Randall Mars



OFFSITE DRAINAGE AREA MAP
SCALE: 1"=250'



CULVERT PROFILE
SCALE: 1"=50' (HOR) 1"=5' (VERT)



CULVERT TYPE	DRAIN AREA A Ac.	RUN COEFF C	C X A		Y _s	INLET TIME (MIN.)	I (in/hr)	Q (cfs)		HEADWATER COMPUTATIONS												
			INC	CUM				INC	CUM	CULV SIZE (in)	SLOPE (%)	Q/B	HW/D	HW	K _e	d _o	d _o /D	h _o	H	L _{so}	HW	CONT. HW.
42" RCP	13.18	0.30	3.96	3.96	5	7.27	28.80	28.80	42"	3.61%	N/A	0.67	2.345	0.20	1.7	2.6	2.6	0.3	-5.70	-2.8	2.345	197.34

LETTER OF PERMISSION TO CLEAR AND GRADE

I, SASAN AHMADIYAR, THE OWNERS OF THE PROPERTY LOCATED AT 1999 SHADOW LANE HEREBY GRANT PERMISSION TO SASAN AHMADIYAR, THE OWNERS OF THE PROPERTY LOCATED AT 828 SHADOWRIDGE DRIVE TO COME ONTO OUR PROPERTY FOR THE PURPOSE OF GRADING AND CLEARING AS SHOWN ON GRADING PLAN PREPARED BY PROFESSIONAL DESIGN GROUP, INC. DATED APRIL 2006. ALL AREAS DENuded AND GRADED SHALL BE SEEDED OR SODDED AFTER GRADING IS COMPLETE.

BY: SASAN AHMADIYAR
[Signature]
DATE: 6-2-06

OFFSITE DRAINAGE AREA, CULVERT PROFILE AND COMPUTATIONS

LOT 16
FOUNTAIN HEAD
SPRINGFIELD DISTRICT
FAIRFAX COUNTY, VIRGINIA

PROFESSIONAL DESIGN GROUP, INC.
1430-B SULLYFIELD CIRCLE, SUITE 202
CHARLottesville, VIRGINIA 22901

PHONE (703) 631-2344
FAX (703) 378-2102

ENGINEERS, SURVEYORS, CONSULTANT

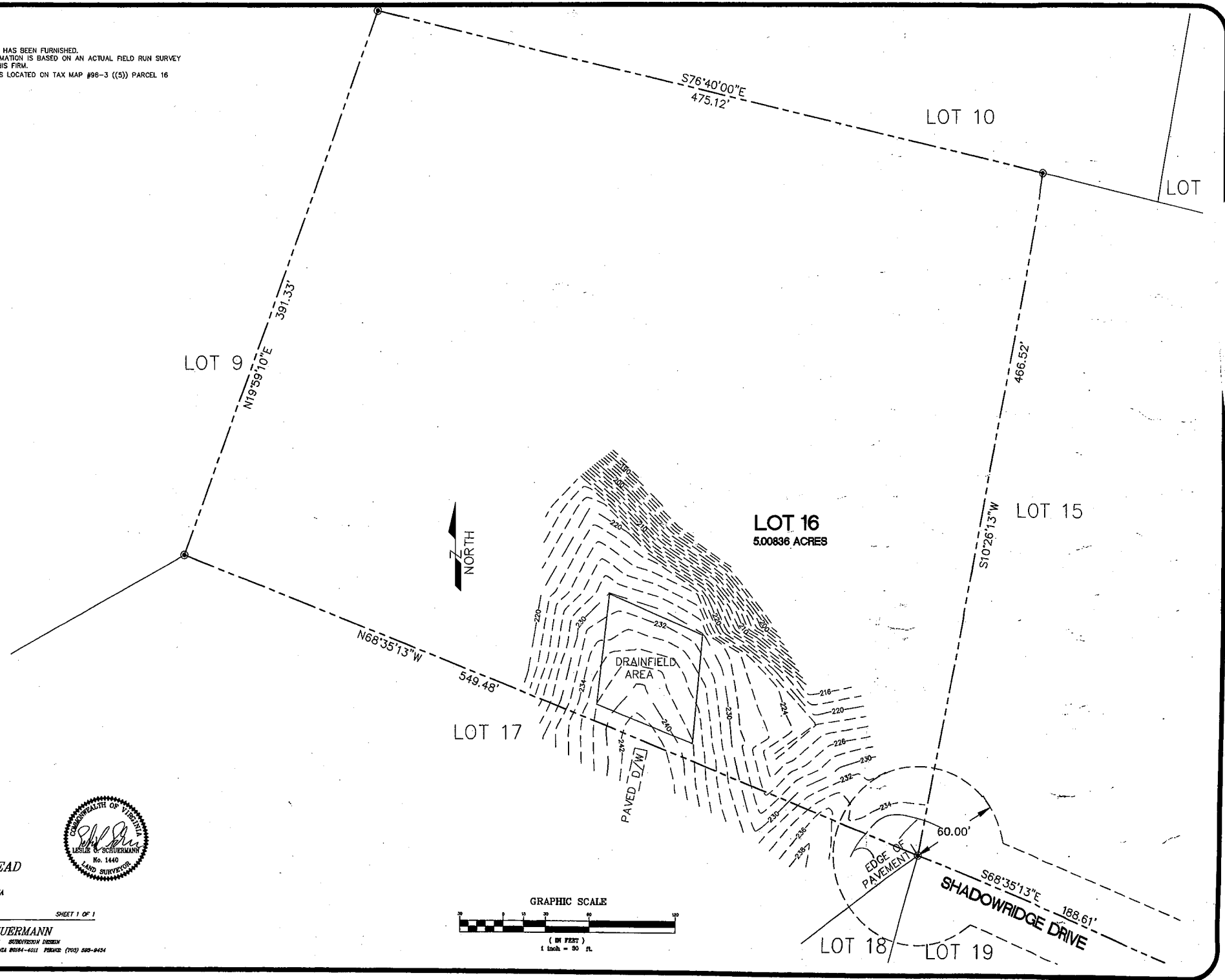
SCALE: AS NOTED
DESIGN BY: HM
DRAWN BY: ML
CHECKED BY: HM
JOB NO.: 00163
DATE: APRIL 2006
DRAWING NO.:
SHEET 3 of 3

NO. DATE DESCRIPTION REVISION BLOCK



NOTES:

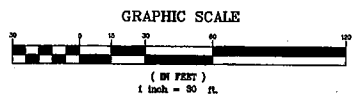
1. NO TITLE REPORT HAS BEEN FURNISHED.
2. BOUNDARY INFORMATION IS BASED ON AN ACTUAL FIELD RUN SURVEY PREPARED BY THIS FIRM.
3. THIS PROPERTY IS LOCATED ON TAX MAP #98-3 ((5)) PARCEL 16



PLAT SHOWING
DRAIN FIELD LOCATION
LOT # 16
FOUNTAIN HEAD
SPRINGFIELD DISTRICT
FAIRFAX COUNTY, VIRGINIA
SCALE: 1" = 30'
DATE: 11/22/2004



SHEET 1 OF 1
LESLIE C. SCHUERMAN
LAND PLANNING LAND SURVEYING SURVEYOR DESIGN
201 NORTH ALLEN AVENUE STERLING, VIRGINIA 20154-4011 PHONE: (703) 598-9434



NOTES:

- No title report has been furnished.
- Topo and boundary information is based on an actual field run by
- This property is located on Tax Map #096-3-005-0016 and is zoned R-C.
- Contour Interval = 2 Ft.
- Set Backs:
Front: 40 Ft.
Side: 20 Ft.
Rear: 25 Ft.
- Owner:
SASAN AHMADIYAR
10308 JAYSELLE DRIVE
MANASSAS, VA 20110

TOTAL DISTURBED AREA:
79,602 SF OR 1.83 AC.

WATERSHED:
RYANS DAM

WETLAND CERTIFICATE

I HEREBY CERTIFY THAT ALL WETLANDS PERMITS REQUIRED BY LAW WILL BE OBTAINED PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES.

SIGNATURE _____ P.E.
OWNER/ DEVELOPER HAMID MATIN NAME TITLE

SOILS DESCRIPTION

SOIL I.D. NUMBER	SERIES NAME	FOUNDATION SUPPORT	SUBSURFACE DRAINAGE	SLOPE STABILITY	ERODABILITY	GEOTECHNICAL REPORT REQ. CLASS
1A+	MIXED ALLUVIAL	POOR - F,B,W	POOR - F,W	GOOD	SLIGHT	A*/NO
20B+	MEADOWVILLE	FAIR - B,W	MARGINAL-W	GOOD	MODERATE	NO/B
63E2	LOUISBURG	GOOD	GOOD	GOOD	SEVERE	NO/C

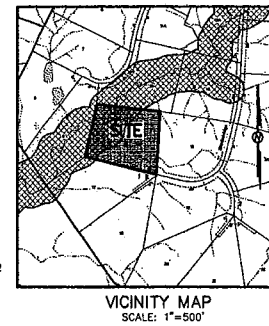
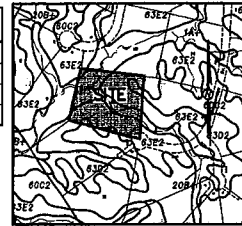
*NO STRUCTURE SHALL BE BUILT IN CLASS "A" SOILS. ONLY PIPE LAYOUT AND FILLING SHALL BE DONE.

LEGEND

- EXISTING TREELINE
- 100- EXISTING CONTOURS
- 100- PROP. CONTOURS
- EXISTING SAN. M.H.
- EXISTING POLE
- ★ CRITICAL SLOPE (2:1)

EROSION CONTROL LEGEND

- PROPOSED LIMITS OF CLEARING AND GRADING
- SF SILT FENCE, 3.05
- SP SUPER SILT FENCE
- TP TREE PROTECTION
- CE CONSTRUCTION ENTRANCE, 3.02



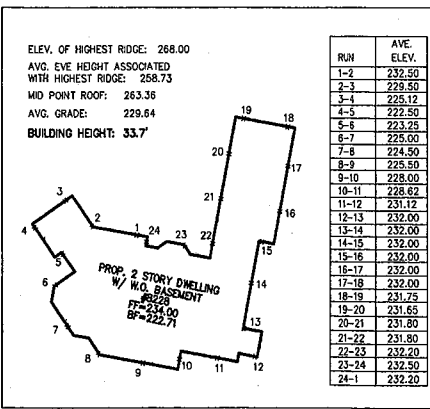
SEPTIC FIELD NOTES

- ALL FLOORS TO BE SERVED
- 5 BEDROOM HOUSE
- 10R @ 65"

USEABLE AREA

First Floor : 4,280 SF
Second Floor : 4,280 SF
Basement : 3,704 SF
Total : 12,284 SF

LOT NO.	CAPACITY (GAL)	SEPTIC TANK ①			PUMP CHAMBER ②			DIVERSION DIVERSION BOX					
		IN	OUT	CAPACITY (GAL)	IN	OUT	VALVE #1	#2					
16	3000	218.00	217.08	215.66	215.49	3000	218.00	216.79	215.29	215.54	237.30	237.10	232.00



CHESAPEAKE BAY REQUIREMENTS:
TOTAL IMPERVIOUS AREA: (18,672 S.F.) / (218,164 S.F.) = 8.56%
[X] IS LESS THAN 18% OF TOTAL AREA.
[] IS MORE THAN 18% OF TOTAL AREA.

SITE AREA IN ACRES	DEVELOPMENT LEVEL		IMPERVIOUS ACREAGE COMPUTATIONS	
	PRE	POST	PRE	POST
5.0	A	A	5.0	5.0
COMPOSITE RATIONAL C FACTOR	C1	C2	0.30	0.35
FRACTIONAL IMPERVIOUSNESS	I1	I2	0.103	0.150
TOTAL IMPERVIOUSNESS ACRES	AxI1	AxI2	0.515	0.750
INCREASE IN IMPERVIOUS ACRES	(AxI2) - (AxI1)		0.235	ACRES

TREE COVER CALCULATIONS:
A. Buildable area of the lot: 218,164 S.F.
B. Deduction area: 5,292 S.F. (Absorption Area)
Adjusted Gross Site Area: 212,872 S.F.
C. Tree cover required: (212,872 S.F.) x (0.20) = 42,574 S.F.
D. Tree cover provided: EX. TREES TO REMAIN = 138,562 S.F.

LEGAL LOT CERTIFICATION
I HEREBY CERTIFY THAT ALL APPROPRIATE COUNTY APPROVALS WERE OBTAINED IN ACCORDANCE WITH THE PROCESS REQUIRED BY THE SUBDIVISION ORDINANCE IN EFFECT AT THE TIME OF THE CREATION OF LOT 16. THE LOT WAS CREATED AS PART OF THE SUBDIVISION OF FOUNTAIN HEAD APPROVED BY FAIRFAX COUNTY ON 9/16/74 AND RECORDED IN DEED BOOK 4033 AT PAGE 934 IN FAIRFAX COUNTY LAND RECORDS.

I HEREBY CERTIFY THAT THERE ARE NO WATER IMPONDMENT WITHIN THE AFFECTED AREA OF THE DISTURBED AREA OF THIS PROJECT.

THIS PLAN COMPLIES WITH THE NEW CHESAPEAKE BAY/ RPA ORDINANCE AMENDMENT CHAPTER 118, EFFECTIVE 11-18-03. NO LAND DISTURBING / ENCROACHMENT ACTIVITIES WITHIN RESOURCE PROTECTION AREA PROPOSED WITH THIS PLAN.

DESIGNER: HAM SCALE: 1" = 30'
DATE: APRIL 2006
DRAWN BY: ALL
CHECKED BY: HAM
JOB NO.: 00163
DRAWING NO.:
SHEET 1 OF 3

GRADING PLAN
LOT 16
FOUNTAIN HEAD
SPRINGFIELD DISTRICT
FAIRFAX COUNTY, VIRGINIA

PROFESSIONAL DESIGN GROUP, INC.
14301-B SULLYFIELD CIRCLE, SUITE 202
CHARLottesville, VIRGINIA 22902
PHONE (703) 631-2344
FAX (703) 378-2102
ENGINEERS, SURVEYORS, CONSULTANT

BY: [Signature]
DATE: 4/10/06
DESCRIPTION: REVISION BLOCK

EROSION & SEDIMENT CONTROL STANDARD NOTES

- NO DISTURBED AREA SHALL BE LEFT DENuded AND DORMANT FOR MORE THAN 7 CALENDAR DAYS UNLESS AUTHORIZED BY THE DIRECTOR OR HIS AGENT (SPECIFIC AREAS TO BE DETERMINED AT PRE-CONSTRUCTION MEETING).
- ELECTRIC POWER, TELEPHONE, STORM, SANITARY & GAS SUPPLY TRENCHES ARE TO BE COMPACTED, SEEDED & MULCHED WITHIN 5 DAYS AFTER BACKFILLING. NO MORE THAN 500 FEET ARE TO BE OPEN AT ANY ONE TIME.
- TOPSOIL THAT HAS BEEN STOCKPILED IS TO BE SURROUNDED BY SILT FENCE AND SHALL BE PROTECTED BY MULCH AND/OR TEMPORARY VEGETATION IMMEDIATELY AFTER GRADING.
- ALL TEMPORARY EARTH BERMS, DIVERSIONS, AND SEDIMENT BASIN EMBANKMENTS ARE TO BE MACHINE-COMPACTED, SEEDED AND MULCHED FOR TEMPORARY VEGETATIVE COVER WITHIN 5 DAYS AFTER GRADING. STRAW OR HAY MULCH IS REQUIRED.
- ALL FILLS ARE TO BE LEFT WITH A LIP AT THE TOP OF THE SLOPE AT THE END OF EACH DAY'S OPERATION.
- ALL CUT AND FILL SLOPES ARE TO BE SEEDED AND MULCHED WITHIN 5 DAYS OF COMPLETION OF GRADING.
- ANY DISTURBED AREA NOT PAVED, SODDED OR BUILT UPON BY NOVEMBER 1, OR DISTURBED AFTER NOVEMBER 1, IS TO BE SEEDED WITHIN 14 DAYS WITH DAISY, ABRUZZI RYE OR EQUIVALENT, AND MULCHED WITH STRAW OR HAY MULCH AT THE RATE OF 2 TONS PER ACRE.
- DRAINAGE SWALES SHALL BE STABILIZED WITH CHECK DAMS UNTIL VEGETATION HAS BEEN WELL ESTABLISHED.
- PORTABLE WATER TRUCKS TO BE USED FOR CLEANING OF TRUCKS EXITING THE SITE & SILTATION CONTROL DEVICES.
- IT IS RECOMMENDED THAT THE FOLLOWING MAINTENANCE PROGRAM BE PERFORMED:
 - ALL MEASURES ARE TO BE INSPECTED DAILY BY THE SITE SUPERINTENDENT OR HIS REPRESENTATIVE. ANY DAMAGED STRUCTURAL MEASURES ARE TO BE REPAIRED BY THE END OF THE DAY.
 - TRAPPED SEDIMENT IS TO BE REMOVED FROM SILT FENCES AS REQUIRED TO MAINTAIN EFFICIENCY AND TO BE DISPOSED OF BY SPREADING ON-SITE.
 - CONTROLS MAY BE REMOVED AFTER AREAS ABOVE THEM HAVE BEEN STABILIZED AND WITH APPROVAL OF THE SITE INSPECTOR.

DEVICES SHOWN ABOVE ARE TO BE CONSIDERED MINIMUM EROSION AND SILTATION CONTROLS. ADDITIONAL CONTROLS MAY BE NECESSARY DUE TO CONTRACTOR PHASING OR OTHER UNANTICIPATED CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADDITIONAL DEVICES AS NECESSARY TO THOSE SHOWN IN ORDER TO CONTROL EROSION AND SILTATION.

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AS SUPPLEMENTED BY THE FAIRFAX COUNTY CHECK LIST FOR EROSION AND SEDIMENT CONTROL.

APPLY PERMANENT VEGETATION (SODDING AND SEEDING) WITH SOIL PREPARATION. AMENDMENTS AND SEED MIXTURE APPROPRIATE TO THE TIME OF YEAR IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS AS DEPICTED IN SECTION 3.32 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (1992).

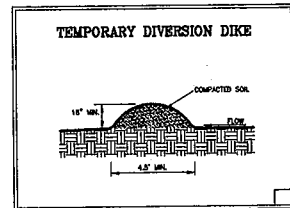
PERMANENT SOIL STABILIZATION SHALL BE APPLIED TO DENuded AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE.

TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENuded AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN FOURTEEN (14) DAYS.

SEEDING AND SELECTION OF THE SEED MIXTURE SHALL BE IN ACCORDANCE WITH THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK STANDARD AND SPECIFICATION 3.32.

ROADS AND PARKING AREAS SHALL BE STABILIZED WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED.

ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES WILL BE REMOVED WITHIN 30 DAYS AFTER ADEQUATE SITE STABILIZATION AND AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, AS AUTHORIZED BY THE COUNTY INSPECTORS. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES WILL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.



LAND CONSERVATION NOTES

- No disturbed area will remain denuded for more than 7 calendar days unless otherwise authorized by the director or his agent.
- All erosion and sediment control measures are to be placed prior to or as the first step in grading. First areas to be cleared are to be those required for the perimeter controls.
- All storm and sanitary sewer lines not in streets are to be mulched and seeded within 5 days after backfill. No more than 500 feet are to be open at any one time.
- Electric power, telephone and gas supply trenches are to be compacted, seeded and mulched within 5 days after backfill.
- Where consistent with job safety requirements, all excavated material is to be placed on the uphill side of trenches. No material is to be placed in streambeds. Any stockpiled material which will remain in place longer than 10 days is to be seeded for temporary vegetation and mulched with straw mulch. Where soil is placed on downhill side of trench it is to be back-sloped to drain toward trench. When necessary to dewater the trench, the pump discharge hose must outlet in a stabilized area or a sediment basin.
- Any disturbed area not covered by note #1 above and not paved, sanded or built upon by November 1st, or disturbed after that date, is to be mulched with hay or straw mulch at the rate of two tons per acre and over-seeded no later than 15th.
- All temporary earth berms, diversions and sediment control dams are to be mulched and seeded for temporary vegetation cover immediately after grading. Straw or hay mulch is required, the same applies to all soil stockpiles.
- During construction, all storm sewer inlets will be protected by inlet protection devices, maintained and modified as required by construction progress.
- At the completion of construction projects and prior to the release of the bond, all temporary sediment and erosion controls shall be removed and all disturbed areas shall be stabilized.
- Where stream crossings are required for equipment, temporary culverts will be provided.

Erosion & Sediment Control Notes :

- Typical subbase stone (21-A) shall be used for temporary construction entrance with woven fabric under liner.
- Silt Fence (standard & specification 3.05) shall be used in designated areas near the limits of clearing and grading as shown on the plans.

Phasing of Land Disturbing Activities :

- The first phase of construction will consist of installing the temporary construction entrance and silt fence.
- Clear, grub and grade the area as shown on the plan.
- Sediment controls will be removed and their sites restored as areas above are stabilized subject to the approval of the inspector.

Maintenance Program :

All measures are to be inspected daily by the site superintendent or his representative. Any damaged erosion control device or seeded areas will be repaired by the close of the same day. Sediment deposits should be removed after each storm event and when deposits reach approximately one half the height of the barrier. If ponding occurs at any filtering device it is to be drained in such a way as to prevent accidental discharge of trapped sediments in any swale.

Erosion & Sediment Control Measures :

All the E & S controls will meet the current County E & S Control Ordinance Standards & Specifications (chapter 104-1-8), article 11 of P.F.M. and the current Virginia E & S Control Handbook as appropriate. All E & S control shall meet the 1990 E & S checklist.

SODDING :

- SODDED AREAS SHALL BE BROUGHT TO FINAL GRADE IN ACCORDANCE WITH THE APPROVED PLANS.
- SOIL TESTS SHOULD BE MADE TO DETERMINE THE EXACT REQUIREMENTS FOR LIME AND FERTILIZER.
- PRIOR TO LAYING SOD, SOIL SURFACE SHALL BE CLEAR OF TRASH, DEBRIS AND LARGE OBJECTS.
- QUALITY OF SOD SHALL BE STATE CERTIFIED AND ENSURE GENETIC PURITY AND HIGH QUALITY.
- SOD SHALL NOT BE Laid IN EXCESSIVELY WET OR DRY WEATHER AND BE DELIVERED AND INSTALLED WITHIN 36 HOURS.
- SOD SHOULD NOT BE Laid ON FROZEN SOIL SURFACE AND SHALL BE INSTALLED PER PLATE 3.33-1 OF VESCH.

DUST CONTROL :

THE CONTRACTOR IS TO PROVIDE ADEQUATE MEANS OF ALLAYING DUST AS NECESSARY BY APPLYING EITHER MOISTURE, CALCIUM CHLORIDE OR BOTH MATERIALS ALONG THOSE SECTIONS OF THE PROJECT ADJACENT TO PUBLIC ACCESS. ALL WORK IS TO COMPLY WITH AIR POLLUTION CONTROL POLICIES OF FAIRFAX COUNTY AS DESCRIBED IN CHAPTER 103 OF THE FAIRFAX COUNTY CODE.

PROJECT DESCRIPTION:

THIS PROJECT CONSISTS OF A CONSTRUCTION OF A DETACHED DWELLING, DRIVEWAY AND PRIVATE SANITARY DRAINFIELD SYSTEM ON A 5.00836 ACRES VACANT LOT WHICH IS ZONED R-C.

EXISTING SITE CONDITION:

THE PROPERTY IS CURRENTLY VACANT AND COVERED WITH EXISTING NATURAL TREES. THE TOPOGRAPHY RANGES FROM 7.5 TO 67%. THE SITE IS LOCATED WITHIN RYANS DAM WATERSHED AND ALMOST HALF OF THE SITE IS WITHIN THE RESOURCE PROTECTION AREA.

ADJACENT PROPERTY:

THE SITE HAS ACCESS ON SHADDRIDGE DRIVE AND IS SURROUNDED BY FULLY DEVELOPED RESIDENTIAL NEIGHBORHOOD.

OFF-SITE AREA:

THERE IS AN OFF SITE DISTURBANCE ON LOT 16, ALSO OWNED BY THE SAME OWNER OF LOT 16, REQUIRED FOR THIS PROJECT AS SHOWN ON PLAN. A LETTER OF PERMISSION IS SHOWN ON SHEET 3.

SOILS:

SEE SHEET 1 FOR SOILS DESCRIPTION

CRITICAL EROSION AREA:

THERE ARE NO EVIDENCES OF EROSION ON-SITE OR OFF-SITE OF THIS PROPERTY. UNLESS OTHERWISE INDICATED, ALL VEGETATION AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH MINIMUM STANDARDS AND SPECIFICATIONS OF VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK. THE CONTRACTOR SHALL PAY SPECIAL ATTENTION TO UNKEEP AND MAINTENANCE OF EROSION DEVICES TO MINIMIZE THE IMPACT TO THE HOUSES DOWNSTREAM OF CONSTRUCTION AREA.

OUTFALL-NARRATIVE :

THE STORM RUN-OFF WILL SHEET FLOW TOWARDS THE STREAM LOCATED IN THE MIDDLE AND SOUTHERN SIDE OF THE PROPERTY. A CONVEYER PIPE IS PROPOSED TO COLLECT THE WATER FROM STREAM ON THE EAST SIDE AS SHOWN ON THE GRADING PLAN (CONVEYER COMPUTATIONS ARE PROVIDED ON SHEET 3). THEN THE RUNOFF WILL BE CARRIED THROUGH THE EXISTING DEVICES TO A TRIBUTARY OF OCCOAN RIVER WITHIN THIS LOT.

IN OUR PROFESSIONAL OPINION, THERE IS ADEQUATE OUTFALL TO CARRY THE EXISTING AND PROPOSED (1.82 CFS INCREASE) RUN-OFFS FROM THIS SITE. THEREFORE, THERE WILL BE NO IMPACT ON THE DOWNSTREAM PROPERTIES.

IMPERVIOUS COVER

	PRE-DEV	POST-DEV
BUILDING/PATIO/STOOP	0 SF	5,964 SF
DRIVEWAY/WALK	SE	12,708 SF
TOTAL	0 AC	116,672 SF
		0.43 AC

RUNOFF COEFFICIENT

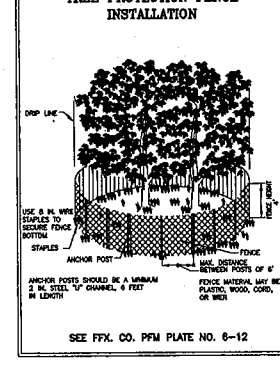
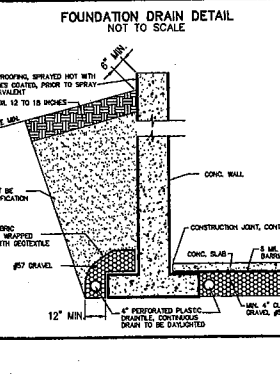
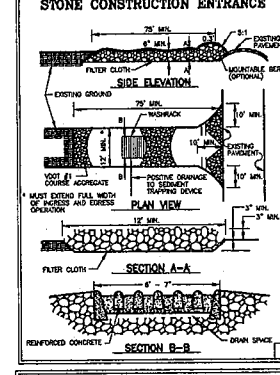
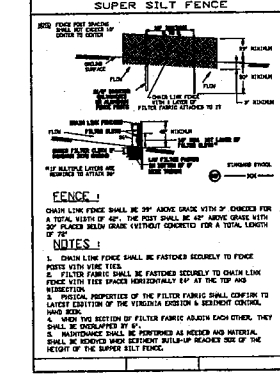
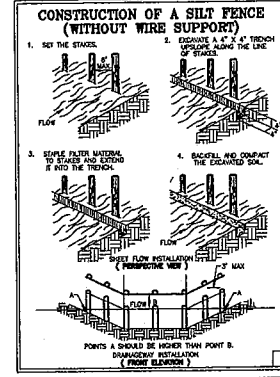
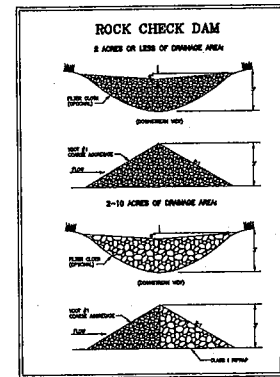
	PRE-DEV	POST-DEV
C	0.30	0.30
Q	$0.43 \times 0.90 + 4.52 \times 0.30$	$0.43 \times 0.90 + 4.52 \times 0.30$
	5.00	5.00
Q	$5.00 \times 0.30 \times 7.27 = 10.9$ CFS	$5.00 \times 0.30 \times 7.27 = 12.72$ CFS
Q	$5.00 \times 0.41 \times 7.27 = 14.90$ CFS	$5.00 \times 0.41 \times 7.27 = 14.90$ CFS
INCREASE		$12.72 - 10.9 = 1.82$ CFS
		14.90 - 10.9 = 4.00 CFS

FAIRFAX COUNTY PRIORITY RATING FORM FOR E&S CONTROL

Project Name: **LOT 16, FOUNTAIN HEAD** Project Number: _____ Date: **JUNE 2006**

Map No: **096-3-005-016** Evaluator: **HAMID MATIN**

A. Percentage of denuded area to total site area	F. Distance between the Silt Control and any pervious areas (based on environmental quality of the area):
<ul style="list-style-type: none"> > 80% <input checked="" type="checkbox"/> 5 51 to 80% <input checked="" type="checkbox"/> 3 10 to 50% <input checked="" type="checkbox"/> 1 	<ul style="list-style-type: none"> < 2,000 feet <input checked="" type="checkbox"/> 5 2,000 to 5,000 feet <input checked="" type="checkbox"/> 3 > 5,000 feet <input checked="" type="checkbox"/> 1
B. Waterscourse Crossing	G. Critical Slopes within 50 feet of adjacent Property
<ul style="list-style-type: none"> Yes <input checked="" type="checkbox"/> 5 No <input checked="" type="checkbox"/> 0 	<ul style="list-style-type: none"> Are there any slopes of 0 to 7% greater than or equal to 500 feet in length: or Are there any slopes of 7 to 15% greater than or equal to 150 feet in length: or Are there any slopes greater than 15% and greater than or equal to 75 feet in length adjacent property. <input checked="" type="checkbox"/> 5
C. Distance of Denuded Area to Downstream Adjacent Property	H. If to any of the above
<ul style="list-style-type: none"> < 50 feet <input checked="" type="checkbox"/> 5 50 to 100 feet <input checked="" type="checkbox"/> 3 > 100 feet <input checked="" type="checkbox"/> 0 	<ul style="list-style-type: none"> Not applicable if critical slope is > 50 feet from adjacent property. <input checked="" type="checkbox"/> 0
D. Distance of any portion of the Denuded Area to a Natural Waterscourse	I. Soil Erodibility (Based on K Factor)
<ul style="list-style-type: none"> < 50 feet <input checked="" type="checkbox"/> 5 50 to 150 feet <input checked="" type="checkbox"/> 3 > 150 feet <input checked="" type="checkbox"/> 0 	<ul style="list-style-type: none"> High (> 0.27) <input checked="" type="checkbox"/> 5 Medium (0.24 to 0.26) <input checked="" type="checkbox"/> 3 Low (< 0.24) <input checked="" type="checkbox"/> 1
E. Minimum Vegetative Buffer (Trees, shrubs, grasses and other plants)	J. TOTAL OVERALL RATING
<ul style="list-style-type: none"> < 50 feet <input checked="" type="checkbox"/> 0 50 to 150 feet <input checked="" type="checkbox"/> 3 > 150 feet <input checked="" type="checkbox"/> 5 	5
K. Vegetation in Resource Protection Area are not considered as vegetative buffers for this application.	PROBABILITY (Mark with an X)
	High _____
	Medium <input checked="" type="checkbox"/>
	Low _____
OVERALL RATING	PROJECT PRIORITY LEVEL:
High > 82 _____	MEDIUM
> 14 and < or = to 82 _____	
< or = to 14 _____	



RESPONSIBLE LAND DISTURBER CERTIFICATION
Effective July 1, 2001

Amendments to the Virginia Erosion and Sediment Control Law, 88 10.1-563 and 88 10.1-565 of the Code of Virginia.

OWNER/DEVELOPER/PERMITEE INFORMATION

PROJECT NAME: **LOT 16, FOUNTAIN HEAD** PROJECT # _____
DISTRICT: **SPRINGFIELD** TAX MAP AND PARCEL # **096-3-005-0016**
OWNER/DEVELOPER/PERMITEE: **SASAN AHMADIYAR** PHONE: **(703)**
ADDRESS: **10308 JAYSELLE DRIVE, MANASSAS, VA 20110**

RESPONSIBLE LAND DISTURBER INFORMATION

CERTIFICATE/LICENSE HOLDER NAME: **Hamid Matin, P.E.** PHONE: **(703) 378-2101**
ADDRESS: **14301-B Sullyfield Circle, Suite 202, Chantilly, Virginia 20151**

TYPE OF CERTIFICATE: **Professional Engineer** CERTIFICATE/LICENSE # **017821**

APPLICANT/ AGENT SIGNATURE: *Hamid Matin* DATE: **2006**

SUBMIT TO: Plan and Document Control, Office of Site Development Services, DPVES 12055 Government Center Parkway, Fairfax, VA 22035-5503

DESIGN BY: **N/A** SCALE: **N/A**

DRAWN BY: **ML** DATE: **MAY 2006**

CHECKED BY: **HM** DRAWING NO.: **007653**

JOB NO.: **007653** SHEET: **2 OF 3**

EROSION & SEDIMENT CONTROL NOTES AND DETAILS

LOT 16

FOUNTAIN HEAD

SPRINGFIELD DISTRICT
FAIRFAX COUNTY, VIRGINIA

PROFESSIONAL DESIGN GROUP, INC.

14301-B SULLYFIELD CIRCLE, SUITE 202
CHANTILLY, VIRGINIA 20151

PHONE: (703) 631-2344
FAX: (703) 378-2102

ENGINEERS, SURVEYORS, CONSULTANT

NO. DATE DESCRIPTION REVISION BLOCK