HOWARD COUNTY BUREAU OF ENVIRONMENTAL HEALTH

461-9933

PERMIT

SEWAGE DISPOSAL SYSTEM

A	34980	t

MARYLAND STATE DEPARTMENT OF HEALTH*

DATE SYSTEM APPROV

INSPECTOR 5.0

(INDEXED 05-40758)

Paul Schissler/South Carroll B ADDRESS 4410 Salembottom Road, Wes			
ADDRESS 4420 Bulleting House,	12925	PHONE	
SUBDIVISION Waterford	ROAD 1295 Wexford	Park	LOT
PROPERTY OWNER	niel Chan		
ADDRESS			·
IF GARBAGE GRINDER IS USED INCREASE SEPTIC TA	INK CAPACITY BY 50% AND ABSORP	TION AREA BY 22	?% .
GARBAGE GRINDER? YES NOX	<u> </u>		
1250			
SEPTIC TANK CAPACITY	NUMBER OF BEDROOMS		
TRENCHES - 200 sq. ft. per bedro	oom. Trench to be 3.0 f	eet wide.	Inlet 3.5 feet below
original grade. Bott	om maximum depth 5.0 fe	et below or	iginal grade. Effec
	et below original grade	. 1.5 feet	of stone below
distribution pipe.			
LOCATION - Place the first trend	th 130 feet down the rig	ht (250') 1	ot line and 65 feet of
	seen when facing the lovar lot line. NOTE: PI		
	_ CLEANOUT AT HOUSE REC		SE TO SEPTIC TANK TO
	00 feet in length. Pro		" diameter cleanout a
	on septic tank. ok/a	7240 0	· ·
Ilacley Pines AT 62" , w			+ Polic + 110/40 Tus
7/6-7/08 1/6-33 4/ 6-2	E 42-62" bllow CA	AVP PI	A WALLAL DULLAL BARRY
No fuel INSM.	18 42-62" billow GA	ANP PI	Sec
7/29/88 PIROSS AT 62" IM NO PURP INSM. PLANS APPROVED BY Si	<u>18 42 621 6116w ga</u> NATION SPERI, Id Abel	ene ()	DATE 12/13/85
C:	12 42 62" bilow ga MATION SpeAV, 1d Abel	ane ()	DATE 12/13/85
PLANS APPROVED BY	d Abel		DATE 12/13/85
PLANS APPROVED BY	A Abel PARTMENT IS RESPONSIBLE FOR THE SUCCI	ESSFUL OPERATION (DATE
PLANS APPROVED BY	PARTMENT IS RESPONSIBLE FOR THE SUCCIONAND/OR AT 90° SWEEPS IN LINES FROM HOL	ESSFUL OPERATION (DATE
COVER NO WORK UNTIL INSPECTED AND APPROVED. NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEI NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE	A Del PARTMENT IS RESPONSIBLE FOR THE SUCCION AND/OR AT 90° SWEEPS IN LINES FROM HOU NO BOX. TRENCHES) TO BE 100 FEET FROM WEL	ESSFUL OPERATION (USE TO DRAIN FIELDS	DATE
COVER NO WORK UNTIL INSPECTED AND APPROVED. NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DE NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION)	PARTMENT IS RESPONSIBLE FOR THE SUCCI AND/OR AT 90° SWEEPS IN LINES FROM HOU BOX TRENCHES) TO BE 100 FEET FROM WEL BEFORE AND AFTER PLACING GRAVEL IN TR	ESSFUL OPERATION (USE TO DRAIN FIELDS LL (UNLESS OTHERWIS RENCH(ES).	DATE
PLANS APPROVED BY	PARTMENT IS RESPONSIBLE FOR THE SUCCI AND/OR AT 90° SWEEPS IN LINES FROM HOL IN BOX. TRENCHES) TO BE 100 FEET FROM WEL BEFORE AND AFTER PLACING GRAVEL IN TR	ESSFUL OPERATION (USE TO DRAIN FIELDS LL (UNLESS OTHERWIS RENCH(ES).	DATE
COVER NO WORK UNTIL INSPECTED AND APPROVED. NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DE: NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION IN INDICE. NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. N	PARTMENT IS RESPONSIBLE FOR THE SUCCI AND/OR AT 90° SWEEPS IN LINES FROM HOL IN BOX. TRENCHES) TO BE 100 FEET FROM WEL BEFORE AND AFTER PLACING GRAVEL IN TR	ESSFUL OPERATION (USE TO DRAIN FIELDS LL (UNLESS OTHERWIS RENCH(ES).	DATE

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROYAL ON THIS PERMIT

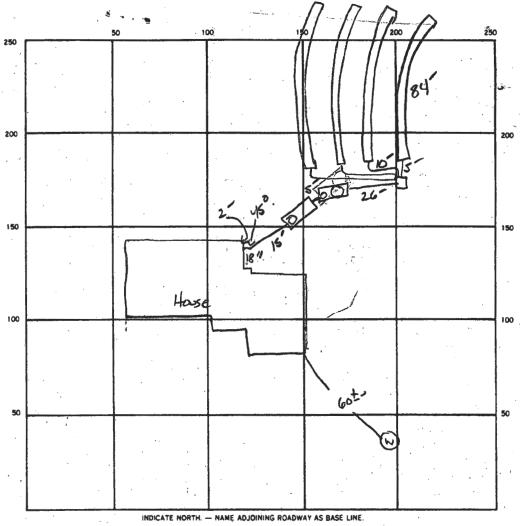
ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS

EH - 2-1186

AND RETURNED 3/4/9/



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.
WEXFORD PARK COURT

		1000	SAI POMP	PIT				0	
SEPTIC TAN	K. LEVEL ——			C	LEANOUTS 4	ST MI	Artole Ring.	s rump f	ief
DISTRIBUTIO	N BOX. LEVEL						PORT	P OFF	BAPPIT
	TILE FIELD. DI			RENCH WIDTH _			3.5 FT.		
urida V			es <u>4</u>	ONE SID	EWAL BOTTO	OM AREA	008 so	FT.	
DRYWELL IN	ISIDE DIAMETE	R		FT. EFFECT	IVE DEPTH BE	LOW INLET	<u></u> гг.		
. :	ABSORB	ENT AREA _	1008	SQ. FT.	•				
REMARKS _	7-26-8	8 OK 7	& cover	# 1+2 7	Rentit .	+ TAUKS '	salul		
						•			
					Ť				
. 8.5				•		·			
DATE SYSTE	M APPROVED	7-29.	68		_ INSPECTOR	s. S. Mbel			

34 36 36 40 45 44 46 46 60 65 24 26 26 60 60

20° 5 4 8 10 15 14 19 18 50 55 54 56 59

TEMPORARY SEEDING NOTES

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 PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14. SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (0.07 LBS/1000 SQ.FT.). FOR THE PERIOD NOVEMBER I 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 1/2 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 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SEQUENCE OF CONSTRUCTION

- 2. NOTIFY HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSE AND PERMITS AT (410) 313-1880 AT LEAST 24 HOURS BEFORE STARTING ANY WORK.
- INSTALL SILT FENCE. (1 WEEK)
- 4. CONSTRUCT ADDITIONS. (4 MONTHS)
- 5. UPON STABILIZATION OF ALL DISTURBED AREAS AND WITH THE PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL MEASURES AND STABILIZE ANY REMAINING DISTURBED AREA. (1 WEEK)

NECESSARY MAINTENANCE TO THE SEDIMENT CONTROL MEASURES ON THIS PLAN.

- -FOLLOWING INITIAL SOIL DISTURBANCE OR ANY REDISTURBANCES, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - A. 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES AND ALL SLOPES GREATER THAN 3:1. B. 14 CALENDAR DAYS FOR ALL OTHER DISTURBED AREAS. -DURING GRADING AND AFTER EACH RAINFALL. CONTRACTOR WILL INSPECT AND PROVIDE

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED 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: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES

1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/100 SQ.FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT THE TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ.FT.)

2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMATIC LIMESTONE (92 LBS/1000 SQ.FT.) AND APPLY 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31. SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE 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) 2 TONS PER ACRE WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 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.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

SEDIMENT CONTROL NOTES

1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSE AND PERMITS SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (410-313-1855).

2. ALL VEGETATION AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL; AND REVISIONS

3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES, AND ALL SLOPES GREATER 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 THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 7, 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, SOD, TEMPORARY SEEDING, AND MULCHING (SEC. G). TEMPORARY STABILIZATION WITH MULCH ALONE SHALL 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.

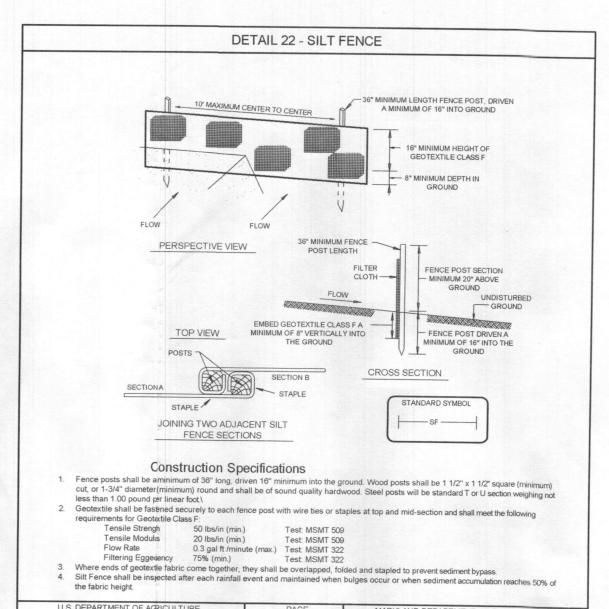
TOTAL FILL: OFFSITE WASTE/BORROW AREA LOCATION:	* 55 CY
TOTAL CUT:	* 40 CY
AREA TO BE VEGETATIVELY STABILIZED:	0.04 ACRES
AREA TO BE ROOFED OR PAVED:	0.03 ACRES
AREA DISTURBED:	0.07 ACRES
TOTAL AREA:	3.01 ACRES

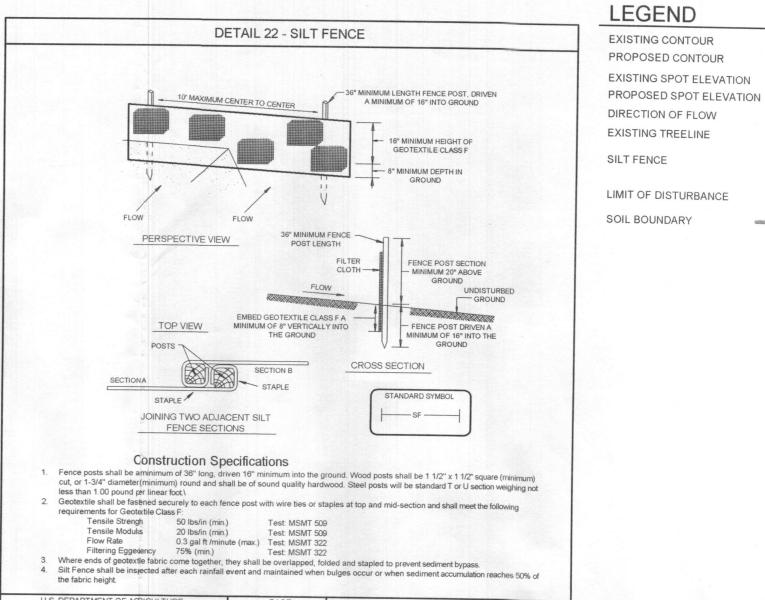
8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE. 9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD

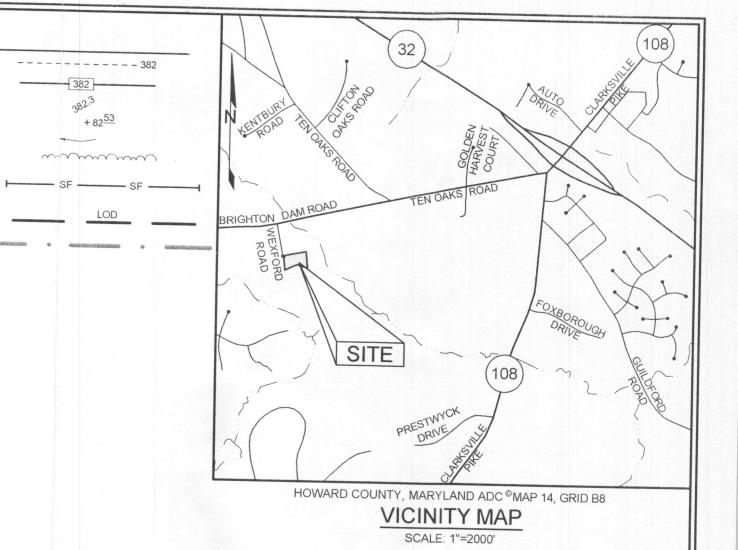
COUNTY SEDIMENT CONTROL INSPECTOR. 10. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING 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 STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS *EARTHWORK QUANTITIES ARE SOLELY FOR THE PURPOSE OF CALCULATING FEES. CONTRACTOR

TO VERIFY ALL QUANTITIES PRIOR TO THE START OF CONSTRUCTION. ** TO BE DETERMINED BY CONTRACTOR, WITH PRE-APPROVAL OF THE SEDIMENT CONTROL INSPECTOR WITH AN APPROVED AND ACTIVE GRADING PERMIT.







SOILS LEGEND

CHESTER GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED B GnB2 GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED

GENERAL NOTES

382

1. THIS PROPERTY IS ZONED RC-DEO PER THE 02/02/04 COMPREHENSIVE ZONING PLAN AND THE "COMP-LITE" ZONING AMENDMENTS EFFECTIVE 07/28/06.

GROSS AREA OF PROPERTY = 3.01 AC.± REFERENCE PLAT "WATERFORD" PLAT #7671

4. TOPOGRAPHY IS TAKEN FROM HOWARD COUNTY GIS.

5. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS

REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT. DRIVEWAY(S) SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY

NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING REQUIREMENTS: a) WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE);

b) SURFACE - SIX (6") INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MINIMUM):

c) GEOMETRY - MAXIMUM 14% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING

d) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25-LOADING);

e) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE;

f) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE DRIVEWAY ENTRANCE TO BE PER HOWARD COUNTY STANDARD DETAIL R-6.06.

SEWER HOUSE CONNECTION (SHC) TO BE AT 2.0% UNLESS OTHERWISE NOTES. CLEANOUTS ARE TO BE PROVIDED AT ALL BENDS.

NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE

PERMITTED WITHIN THE REQUIRED FOREST CONSERVATION EASEMENT AREAS.

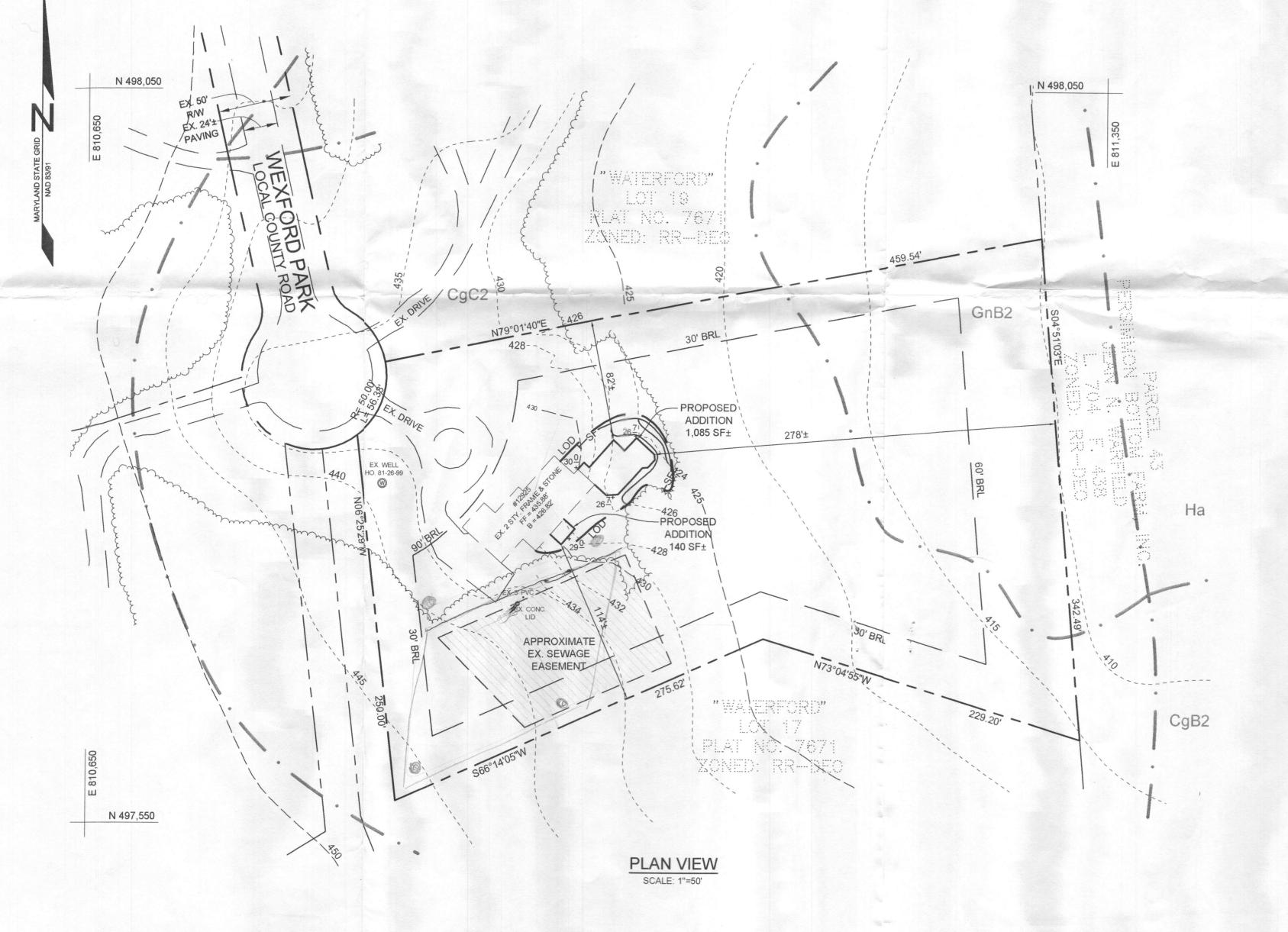
10. THERE ARE NO WETLANDS, FLOODPLAINS, HISTORIC STRUCTURES OR CEMETARIES LOCATED ONSITE.

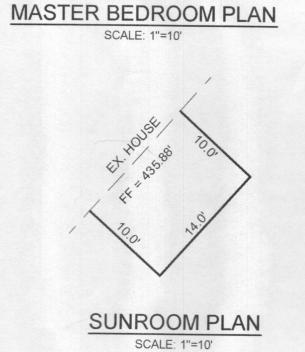
11. IN ACCORDANCE WITH THE MARYLAND STORMWATER DESIGN MANUAL, PROJECTS SHALL BE EXEMPT

FROM STORMWATER MANAGEMENT OBLIGATIONS IF IT HAS LESS THAN 5,000 SQUARE FEET OF LAND COVER CHANGE. THIS PLAN PROPOSES 1,225 SQUARE FEET OF LAND COVER CHANGE AND THEREFORE IS EXEMPT FROM PROVIDING STORMWATER MANAGEMENT.

LIMIT OF DISTURBANCE: 3,280 SQUARE FEET (0.07 ACRES), MORE OR LESS 13. THE EXISTING WELL SHOWN ON THIS PLAN, WELL TAG #81-26-99, HAS BEEN FIELD LOCATED BY SILL,

ADCOCK & ASSOCIATES, LLC AND IS ACCURATELY SHOWN.





OWNER/DEVELOPER

DANIEL W. CHAN MARIA M. CHAN 12925 WEXFORD PARK CLARKSVILLE, MARYLAND 2129

PLOT PLAN

CHAN PROPERTY

LOT 18

TAX MAP 34 GRID 9 5TH ELECTION DISTRICT

PARCEL 261 HOWARD COUNTY, MARYLAND

Sill · Adcock & Associates LLC Engineers · Surveyors · Planners

3300 North Ridge Road, Suite 160 Ellicott City, Maryland 21043 Phone: 443.325.7682 Fax: 443.325.7685 Email: info@saaland.co

DATE: JUNE 17, 2008 PROJECT#: 08-052

CHECKED BY: PS SCALE: AS SHOWN

OFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME , AND THAT I AM A DUL' ICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32025, EXPIRATION DATE: JUNE 06, 2009