Permits: 410-313-2455 Inspections: 410-313-1810 Automated Line: 410-313-3800 Department of Inspections, Licenses & Permits 3430 Court House Drive

Permit Number:

Ellicott City, MD 21043 Building Address: Telsoe Zil Property Owner's Name: Clarkswille Address: 12253 Ruis city: Checkswill state: Ma Zip Code: 21029 SDP/WP/BA#: Subdivision: Census Tract: Chaplicant's Name & Mailing Address, (If other than stated hereig): _ Area:___ Lot: Section: Tax Map: Parcel: Grid: Phone: Zoning: Map Coordinates: Email: SFH Existing Use: Contractor Company: North Arcico Proposed Use: Contact Person Contac Estimated Construction Cost: \$ 2260 Description of Work: 8 x 16 Deck 03/5teas Email: Occupant or Tenant: Was tenant space previously occupied? DNo Engineer/Architect Company: ____ Contact Name: Responsible Design Prof.: Address: Address: State: Zip Code: ____State: _____Zip Code: ____ **BUILDING DESCRIPTION - RESIDENTIAL BUILDING DESCRIPTION - COMMERCIAL Building Characteristics** Utilities **Building Characteristics** Utilities SF Dwelling SF Townhouse Water Supply Height: Water Supply ☐ Public Depth ☐ Public No of stories 1st floor: 🔽 Private Private Gross area, sq. ft./floor: 2nd floor: Sewage Disposal Sewage Disposal Basement: ☐ Public ☐ Public ☐ Private Area of construction (sq. ft.): ☐ Finished Basement Electric: ☐ Yes Unfinished Basement □No □ Private □No ☐ Yes Crawl Space Gas: Electric: ☐ Yes □ No Use group: Slab on Grade **Heating System** ☐ Yes □ No Gas: ☐ Electric No. of Bedrooms: Construction type: Heatina System Multi-family Dwelling □ Oil ☐ Reinforced Concrete ☐ Electric □ Oil No. of efficiency units: ☐ Natural Gas □ Natural Gas □ Propane Gas No. of 1 BR units: Propane Gas ☐ Structural Steel No. of 2 BR units: ☐ Masonry Sprinkler System: No. of 3 BR units: ☐ Wood Frame □ N/A Other Structure: ☐ Full State Certified Modular Dimensions: Footings: ☐ Partial Other Suppression Roof ☐ State Certified Modular No. of Heads: ☐ Manufactured Home 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 THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS POLLOWS: (1) THAT HE/SHE US AUTHORIZED TO MAKE THIS APPLICATION; (2) 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 PROBLEMY FOR JUE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature

Print Name ムのと Email Address Date Title/Company Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY **PLEASE WRITE NEATLY & LEGIBLY** -FOR OFFICE USE ONLY-Filing Fee AGENCY SIGNATURE OF APPROVAL DPZ SETBACK INFORMATION Permit Fee State Highways Tech Fee **Bullding Officials** Excise Tax Ś

PSZA (Zoning) PSZA (Engineering) Health Fire Protection is Sediment Control approval required for issuance?

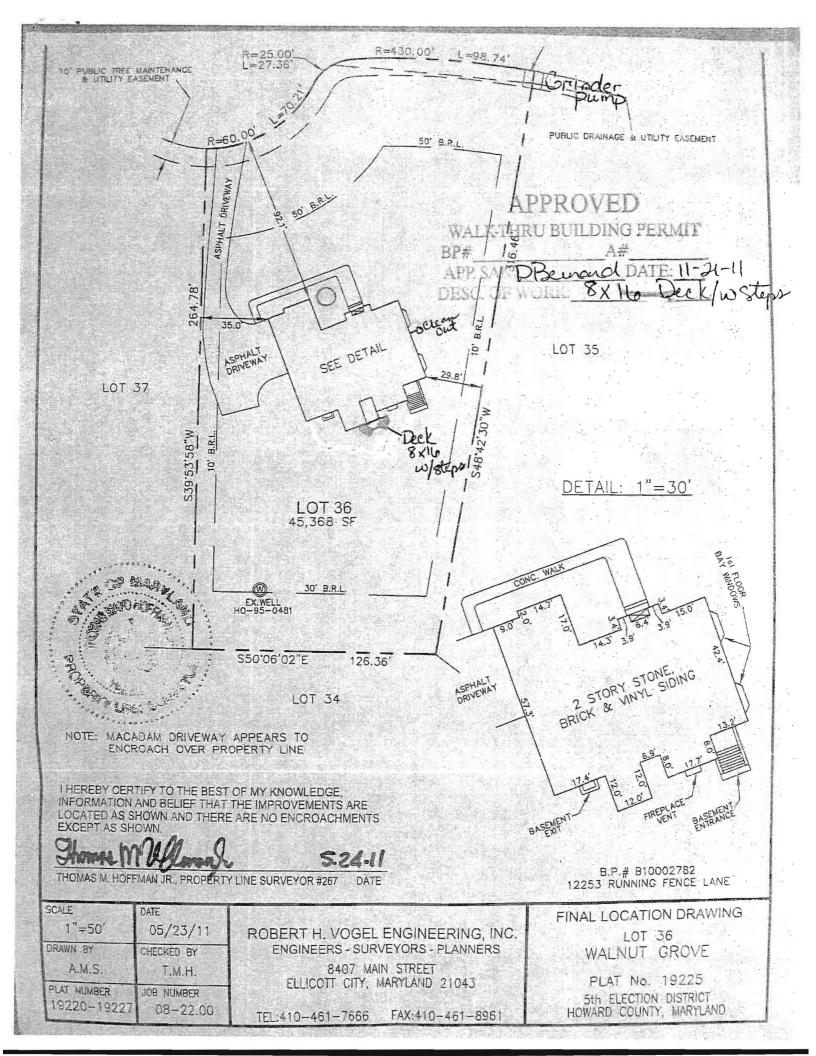
Yes

No

CONTINGENCY CONSTRUCTION START

ONE STOP SHOP

Rear:		
Side:		
Side St.:		
All minimum setbacks met?	☐ Yes	□No
Is Entrance Permit Regulred?	☐ Yes	□No
Historic District?	☐ Yes	□No
Lot Coverage for New Town Z	one:	
SDP/Red-line approval date:		



DEPT. OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410) 313-2455
INSPECTIONS (410) 313-1810

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER

Pink: Health

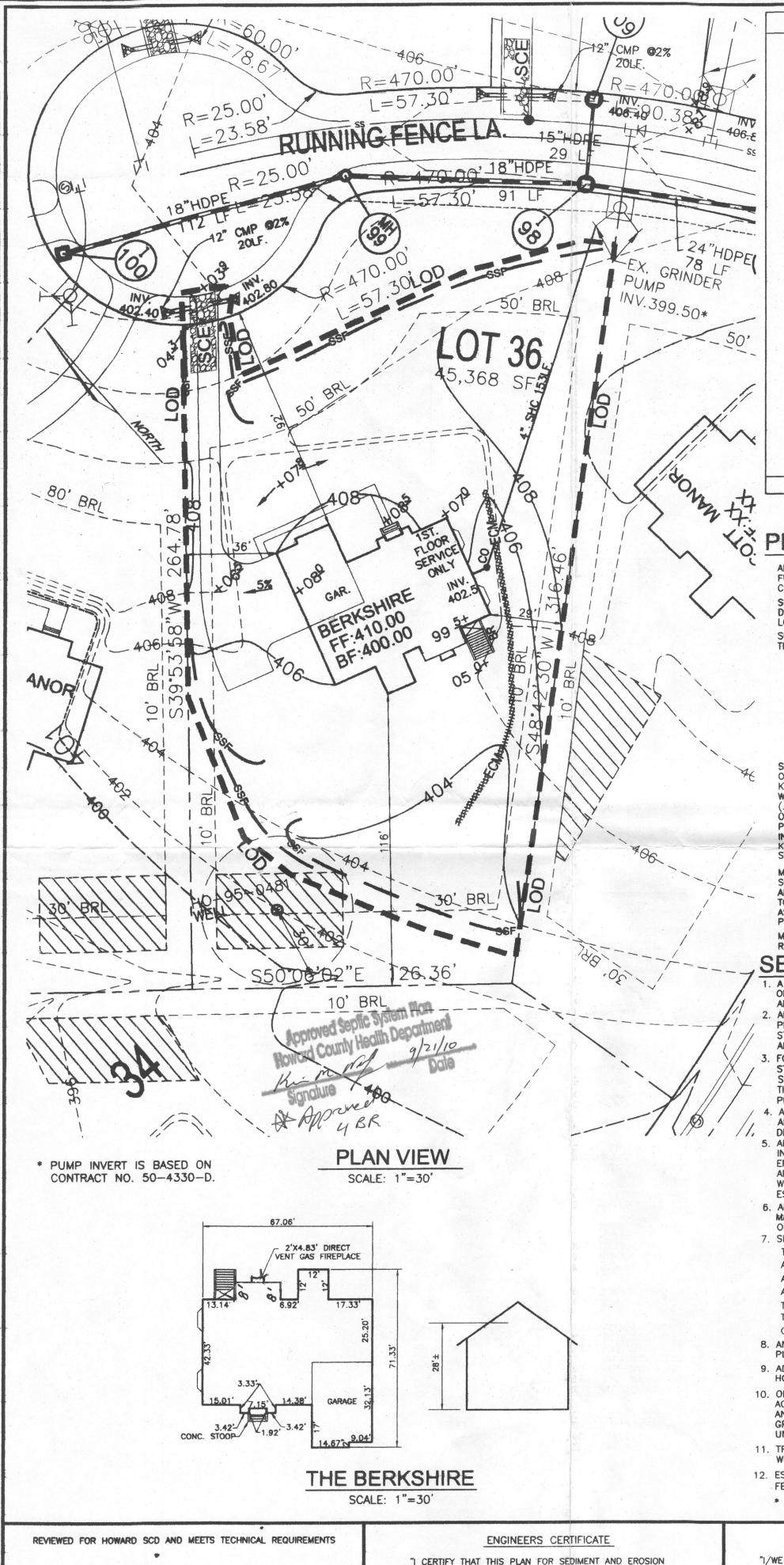
Yellow: DED, DPZ

Gold: SHA

INSPECTIONS (410) 313-1810 AUTOMATED INFORMATION (410) 3	313-3800	LICATION	2/00) 7 7 4	
Building Address 1725	Belldwind Frak	Property Own	er's Name RINII	& GUALHY HOMES	
LAKKSVILLE ZILZG		City LLLKO	Address 3675 FARK DUE 30 Zip Code 20043		
Suite/Apt. #: SDP/WP/Petition #: G-P-11-07		Home Phone Applicant's Na	Home Phone Work Phone Work Phone Applicant's Name & Mailing Address, (if other than stated herein):		
	_ Subdivision MALANUT	GROVE			
SectionA					
Tax Map 28 Parcel	74 Grid 18			A second	
Zoning C Map Coordinates Lot Size 48, 368 I		68 Q	Phone Fax (10 - 313 - 573) Contractor Company Transfer Gul Market Market 14		
Proposed Use		Contact Person	Contact Person Sheet Hobbie Address Short Mak Note 1901		
Estimated Construction Cost \$ 471,520		City	City State Zip Code Z		
Description of Work 2 100 100 100 100 100 100 100 100 100 1		License No. Phone 4/0	License No. 499 Phone 410-313-8222 Fax 410-313-8231		
Occupant or Tenant AllA		Engineer or A	Engineer or Architect Company_All		
Contact Name		Contact Person	Contact Person		
Address		Address	Address_		
CityState	Zip Code	City	State	Zip Code	
Phone Fax	4	Phone		Fax	
BUILDING DESCI	RIPTION – <u>COMMERCIAL</u> Utilities		ILDING DESCRIPT	ION - <u>RESIDENTIAL</u> Utilities	
Height:	Water Supply:Public	SF Dwelling Depth	SF Townhouse □ Vidth	Water Supply:Public	
No. of stories:	Private Sewage Disposal:	l st floor: 2 nd floor:		Private Sewage Disposal:	
Gross area, sq. ft. per floor:	Public Private	Basement:		Public Private	
Use group:	Electric Yes 🗆 No 🗅	space 0	Unfinished Basement	Electric Yes No 🗆	
Construction type: Reinforced Concrete	Gas Yes □ No □	No. of Bedrooms		Gas Yes □ No □	
Structural Steel Masonry	Heating System: Electric □ Oil □	Multi-family dwe	units:	Heating System: Electric □ Oil □	
Wood Frame	Natural Gas □ Propane Gas □	No. of 1 BR units No. of 2 BR units	:	Natural Gas ⊭ Propane Gas □	
State Certified Modular	Sprinkler system: N/A □	No. of 3 BR units		Sprinkler system: N/A 🖽	
	Full Partial	Other Structure: _ Dimensions:		NFPA #13D NFPA #13R	
	Other Suppression # of Heads	Footings: Roof:		Other:	
		State Certifi Manufactur	ed Modular ed Home		
CORRECT; (3) THAT HE/SHE WILL CO ON THE ABOVE REFERENCED PROP	OMPLY WITH ALL REGULATIONS OF HO	WARD COUNTY WHICH ARE THIS APPLICATION; (5) THA	APPLICABLE THERETO; (4	CATION; (2) THAT THE INFORMATION IS) THAT HE/SHE WILL PERFORM NO WORK Y OFFICIALS THE RIGHT TO ENTER ONTO	
Sally & Doce	95	500	CLY HODE	6	
Applicant's Signature	Print Nan	18/10			
Title/Company	UNS - PRINITY	Date	Cof A Red		
	**PLEASE W	CTOR OF FINANCE OF HORITE NEATLY AND LEGIS			
AGENCY DATE	SIGNATURE APPROVAL	FOR OFFICE USE ONLY DPZ SETBACK INFO	ORMATION	PROPERTY ID #	
Land Development, DPZ		Front:		Filing fee \$	
		Rear:Side:		Permit fee \$	
		Side:		Add'l per fee \$	
		All minimum setback	一种基础的	TOTAL FEES \$	
		YES NO	o meti	Sub-total paid \$	
The state of the s		Is Entrance Permit Ro	equired?	Balance due \$	
YES D NO D		YES D NO D Historic District?		Check # Validation #	
YE		YES NO Lot Coverage for New	Town Zone		
ONE STOP S		SDP/Red-line approva		Accepted by	

White: Building Officials

Green: LDD, DPZ



CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS

REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

0/11/10

DATE

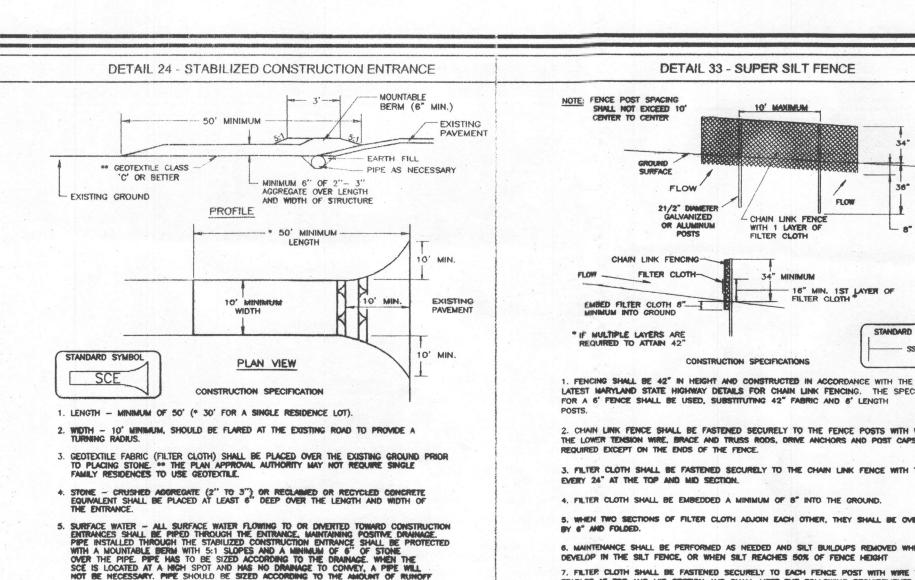
MICHAEL L. PFAU

AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE

the OD

U ROBERT H. VOGEL, PE #16193

DEVELOPMENT PLANAIS APPROVED FOR SOIL EROSION AND



DETAIL 30 - EROSION CONTROL MATTING CROSS-SECTION STAPLE OUTSIDE EDGE OF MATTING ON 2' CENTERS TYPICAL STAPLES NO. 11 GAUGE WIRE 1. KEY—IN THE MATTING BY PLACING THE TOP ENDS OF THE MATTING IN A NARROW TRENCH, 8" IN DEPTH. BACKFILL THE TRENCH AND TAMP FRAILY TO CONFORM TO THE CHANNEL CROSS—SECTION. SECURE WITH A ROW OF STAPLES ABOUT 4" DOWN SLOPE FROM THE TRENCH. SPACING BETWEEN STAPLES IS 8 3. BEFORE STAPLING THE OUTER EDGES OF THE MATTING, MAKE SURE THE MATTING IS SMOOTH AND IN FIRM CONTACT WITH THE SOIL. 4. STAPLES SHALL BE PLACED 2' APART WITH 4 ROWS FOR EACH STRIP, 2 OUTER ROWS, AND 2 ALTERNATING ROWS DOWN THE CENTER. MARYLAND DEPARTMENT OF ENVIRONMEN
WATER MANAGEMENT ADMINISTRATION THE TOP STRIP SHALL OVERLAP THE UPPER END OF THE LOWER STRIP BY 4", SHIPLAP FASHION. REINFORCE THE OVERLAP WITH A DOUBLE ROW OF STAPLES SPACED 6" APART IN A STAGOERED PATTERN ON SITHER SIDE.

VICINITY MAP

LEGEND **EXISTING 2 FT CONTOUR EXISTING 10 FT CONTOUR** LIMIT OF DISTURBANCE SUPER SILT FENCE

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY

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

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 (.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

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 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 (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 THERETO. 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. 7. SITE ANALYSIS
- TOTAL AREA 1.04 AC AREA DISTURBED 0.81 AC AREA TO BE ROOFED OR PAVED 0.15 AC AREA TO BE VEGETATIVELY STABILIZED. 0.89 AC TOTAL CUT . 630 CY TOTAL FILL . 630 CY
- OFFSITE WASTE/BORROW AREA LOCATION . 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 SHORTER.
- 12. ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING
- * TO BE DETERMINED BY CONTRACTOR, WITH PRE-APPROVAL OF THE SEDIMENT CONTROL INSPECTOR WITH AN APPROVED AND ACTIVE GRADING PERMIT

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL. AND THAT ALL 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.

Muhael Jan

DATE

TEMPORARY SEEDING NOTES

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER SFFDING: 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 LBS. PER ACRE OF WEEPING LOVEGRASS (.07 LBS./1000 SQ.FT.). FOR THE PERIOD NOVEMBER 1 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

SEQUENCE OF CONSTRUCTION

U.S. DEPARTMENT OF AGRICULTURE PAGE MARYLAND DEPARTMENT OF ENVIRONMEN SOIL CONSERVATION SERVICE G - 22 - 2 WATER MANAGEMENT ADMINISTRATION

SECURED WITH 2 DOUBLE ROWS OF STAPLES.

EFFECTED BY THE FLOW MUST BE KEYED-IN.

- 2. NOTIFY HOWARD COUNTY BUREAU OF INSPECTIONS AND PERMITS (410.313.1880) AT LEAST 24 HOURS BEFORE STARTING ANY WORK.
- 3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AND PERIMETER CONTROLS. (2 DAYS)
- 4. AFTER OBTAINING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR TO PROCEED, ROUGH GRADE SITE. (1 WEEKS) 5. CONSTRUCT HOUSES AND GRADE DRIVEWAY. (8 MONTHS)
- 6. UPON STABILIZATION OF ALL DISTURBED AREAS AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES.

THE PH TO 6.5 OR HIGHER

1.5 PERCENT BY WEIGHT.

PHYTO-TOXIC MATERIALS.

STABILIZATION METHODS AND MATERIALS.

SEDIMENT TRAPS AND BASINS.

- 8" HIGHER IN ELEVATION.

OR WATER POCKETS.

VII. TOPSOIL APPLICATION

- 1. DURING GRADING AND AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDE THE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL MEASURES SHOWN
- . FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLIED WITH.

A. ON SOIL MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST

B. PH FOR TOPSOIL SHALL BE BETWEEN 6.0 AND 7.5. IF THE TESTED SOIL DEMONSTRATES A PH OF LESS THAN

6.0, SUFFICIENT LIME SHALL BE PRESCRIBED TO RAISE

C. ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS THAN

D. TOPSOIL HAVING SOLUBLE SALT CONTENT GREATER THAN

E. NO SOD OR SEED SHALL BE PLACED ON SOIL SOIL WHICH

USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS

ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF

VI. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMMENDMENTS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION—SECTION I—VEGETATIVE

B. GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE

C. TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED N A 4" -

D. TOPSOIL SHALL NOT BE PLACE WHILE THE TOPSOIL OR

NOTE: TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED

A. WHEN TOPSOILING. MAINTAIN NEEDED EROSION AND

HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS

BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY

THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF

SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE

STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE AND

BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBEIT 4"

8" LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4"

OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL

RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE

PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE

CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS

SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL

IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE

DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.

SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SODDING

500 PARTS PER MILLION SHALL NOT BE USED.

RESULTS DICTATING FERTILIZER AND LIME AMENDMENTS REQUIRED

TO BRING THE SOIL INTO COMPLIANCE WITH THE FOLLOWING

STORMWATER MANAGEMENT FOR THIS SITE IS PROVIDED BY THE EXISTING STORMWATER POND FACILITY LOCATED ON BUILDABLE PRESERVATION PARCEL A, AND APPROVED

NOTE: STOCKPILING WILL BE PERMITTED ON EACH LOT ONLY

THE EXISTING WELL SHOWN ON LOT 36 TAG NO. HO-95-0481 HAS BEEN FIELD LOCATED BY GUTSCHICK, LITTLE & WEBER PROFESSIONAL LAND SURVEYOR(S) AND IS ACCURATELY SHOWN

BUILDING OF LOT 36 FLOOR AREAS

BASEMENT FLOOR AREA: 2480 S.F. FIRST FLOOR AREA: 2560 5. F. SECOND FLOOR AREA: 2410 5.F. NUMBER OF BEDROOMS: FOUR

BUILDING PERMIT NO.

GRADING AND SEDIMENT EROSION CONTROL PLAN WALNUT GROVE

> **LOT 36 BUILDING PERMIT #**

TAX MAP: 28 GRID: 17,18, AND 24 **5TH ELECTION DISTRICT**

UNDER F-06-31.

PARCEL 74 HOWARD COUNTY, MARYLAND



ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS . SURVEYORS . PLANNERS 8407 MAIN STREET TEL: 410.461.7666 ELLICOTT CITY, MD 21043 FAX: 410.461.8961

OF MARY Con Care RØBERT H. VOGEL, PE #16193

DESIGN BY: CHECKED BY: AUGUST, 2010 1"=30" SCALE: 08-22 W.O. NO .:

SHEET

21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL

PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION. **PURPOSE**

TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETABLE GROWTH. LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.

CONDITIONS WHERE PRACTICE APPLIES

- B. THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
- MATERIAL TOXIC TO PLANT GROWTH.
- LIMESTONE IS NOT FEASIBLE.
- HAVING SLOPES STEEPER THAN 2:1 SHALL HAVE THE APPROPRIATE STABILIZATION SHOWN ON THE PLANS.

SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-SCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.

MUST MEET THE FOLLOWING:

- A. TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR A SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS. ROOTS, TRASH, OR OTHER MATERIALS LARGER THAT 1 AND 1/2" IN
- B. TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON
- AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

IV. FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES:

SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT

- 1. THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:
- A. THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.
- ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH C. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS
- D. THE SOIL IS SO ACIDIC THAT TREATMENT WITH
- II. FOR THE PURPOSE OF THESE STANDARDS AND SPECIFICATIONS, AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN FOR ADEQUATE STABILIZATION. AREAS

CONSTRUCTION AND MATERIAL SPECIFICATIONS

1. TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS SET FORTH IN THESE

II. TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL

- IVY, THISTLE, OR OTHERS AS SPECIFIED.
- . WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO HE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.
- III. FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES: A. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL

TRINITY QUALITY HOMES, INC 3675 PARK AVENUE, SUITE 301 ELLICOTT CITY, MARYLAND 21043 (410) 480-0023

OWNER

DEVELOPER