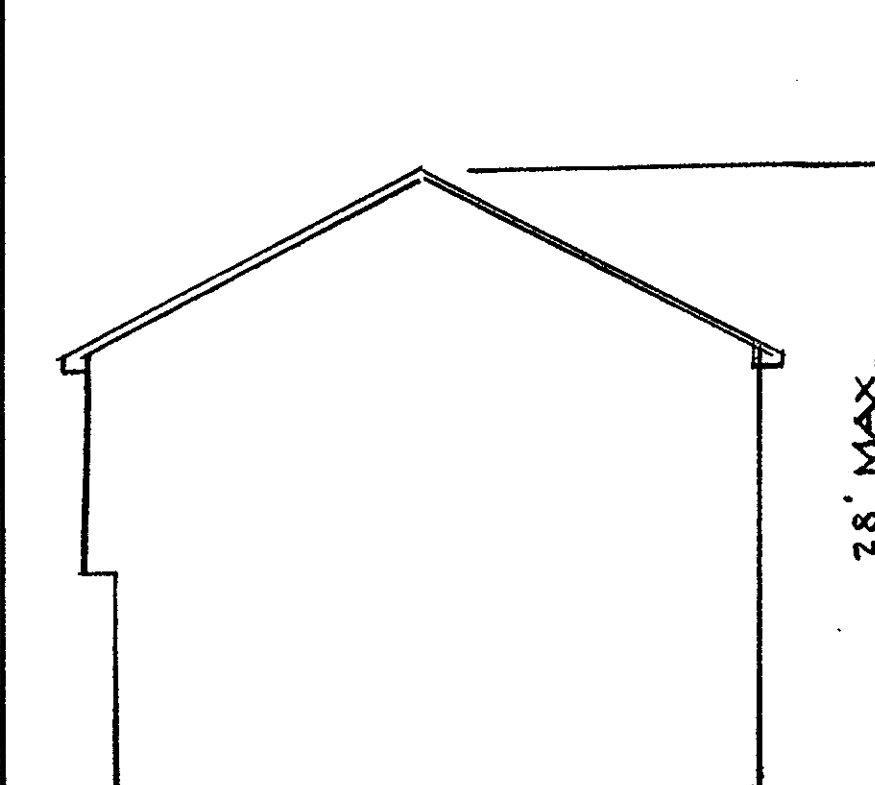


- LEGEND**
- EXISTING CONTOUR $\text{---} \text{---} \text{---}$ (389)
 - PROPOSED CONTOUR $\text{---} \text{---} \text{---}$ (390)
 - STABILIZED CONSTRUCTION ENTRANCE $\text{---} \text{---} \text{---}$
 - SILT FENCE $\text{---} \text{---} \text{---}$
 - LIMIT OF GRADING $\text{---} \text{---} \text{---}$
 - SUPER SILT FENCE $\text{---} \text{---} \text{---}$
 - EXISTING TREES $\text{---} \text{---} \text{---}$ (OAK, PINE)
 - EXISTING TREES TO BE REMOVED $\text{---} \text{---} \text{---}$
 - PROPOSED SHADE TREE $\text{---} \text{---} \text{---}$



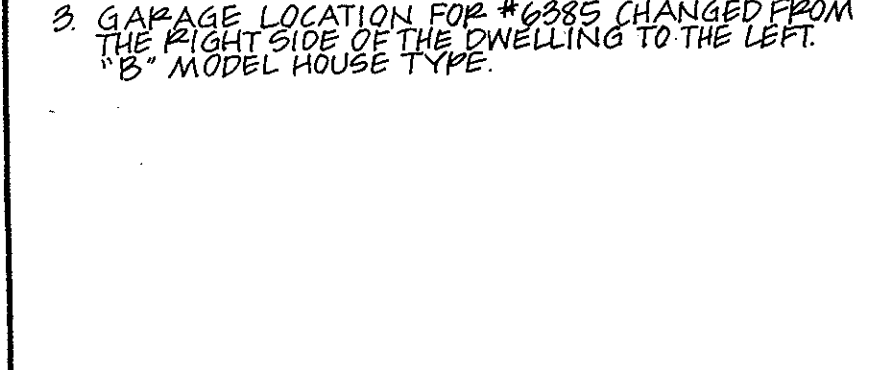
"INSERT" SCALE: 1"=30'

"INSERT" FOR HOUSE DIMENSIONS AND CLARITY

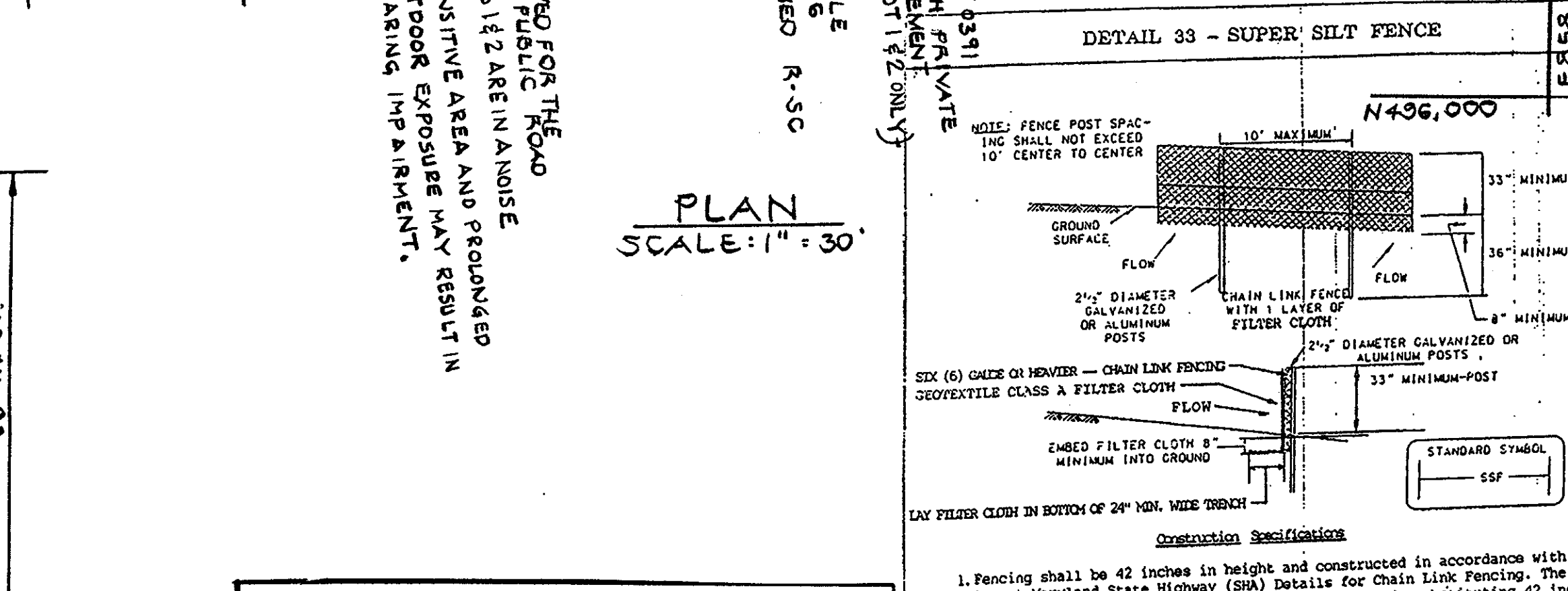


NORTH ELEVATION (BOTH LOTS)
SCALE: 1/8"=1'-0"

- REASONS FOR RED-LINE REVISIONS:
- SHOW EXISTING GRADE CONDITIONS
 - F.F. ELEVATION FOR #6375: 362.3
 - F.F. ELEVATION FOR #6385: 361.2
 - GARAGE LOCATION FOR #6385 CHANGED FROM THE RIGHT SIDE OF THE DWELLING TO THE LEFT "B" MODEL HOUSE TYPE.



M & H DEVELOPMENT ENGINEERS, INC.
200 E. JOPPA ROAD SUITE 101
TOWSON, MARYLAND 21204
(410) 828-3060



DETAIL 33 - SUPER SILT FENCE
SCALE: 1"=30'

- CONSTRUCTION SPECIFICATIONS**
- Fencing shall be 42 inches in height and constructed in accordance with the latest Maryland State Highway (SHA) Details for Chain Link Fencing. The SHA specifications for a 6 foot fence shall be used, substituting 42 inch fabric and 6 foot length posts.
 - The posts do not need to be set in concrete.
 - Chain link fence shall be fastened securely to the fence posts with wire ties or staples. The lower tension wire, braces and truss rods, drive ties and anchors are not required except on the ends of the fence. The chain link fencing shall be six (6) gauge or heavier.
 - Filter Cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
 - Filter cloth shall be embedded a minimum of 8" into the ground.
 - When two sections of geotextile fabric/adjoin each other, they shall be overlapped by 6" and folded.
 - Maintenance shall be performed as needed and silt buildup removed when "bulges" develop in the silt fence, or when silt reaches 50% of the fence height.

DEVELOPER'S CERTIFICATE

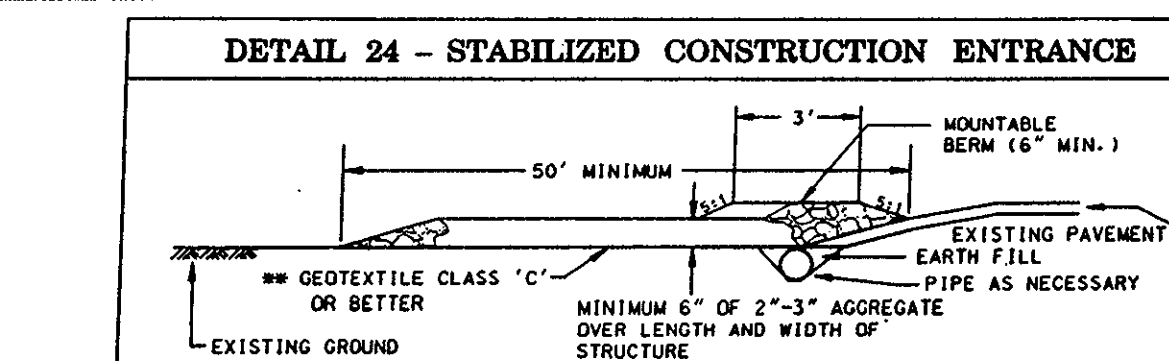
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Jabril Rahman 7-21-98
SIGNATURE OF DEVELOPER 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.

Stephen D. Galt July 21, 1998
SIGNATURE OF ENGINEER DATE



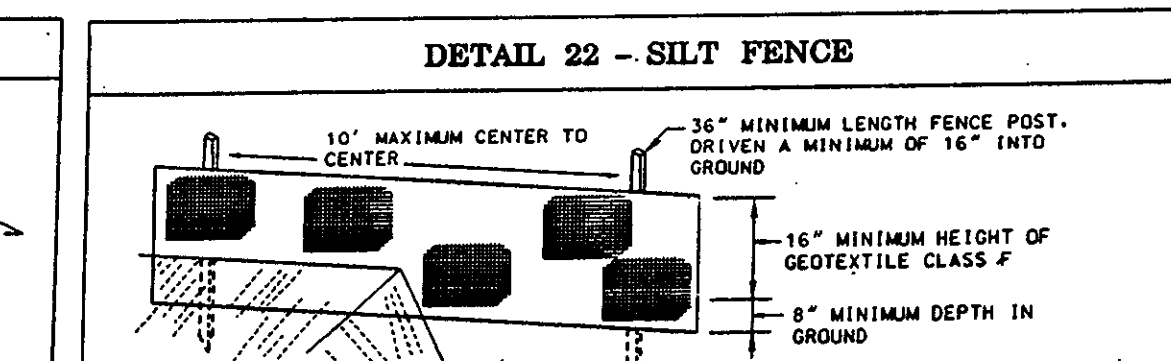
DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE

- CONSTRUCTION SPECIFICATIONS**
- Length - minimum of 50' (40' for single residence lot).
 - Width - 10' minimum, should be flared at the existing road to provide a turning radius.
 - 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.
 - 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.
 - 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 S.C.E. 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.
 - 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 PAGE 1-11-3

- STANDARD SEDIMENT CONTROL NOTES**
- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction, (888-3458).
 - 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.
 - Following initial soil disturbance or redistribution, 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.
 - All sediment traps/basins shall be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
 - All disturbed areas must be stabilized within the time period specified above in accordance with the 1993 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (Sec. 51), sod (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.
 - 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.
 - Site Analysis:
Total Area of Site: 0.609 Acres
Area to be roofed or paved: 0.335 Acres
Area to be vegetatively stabilized: 0.27 Acres
Total Cut: 300 Cu. Yds.
Total Fill: 300 Cu. Yds.
Offsite waste/borrow area location: NA
 - Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
 - Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
 - 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.
 - Trenches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within one working day, whichever is shorter.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 1-11-3



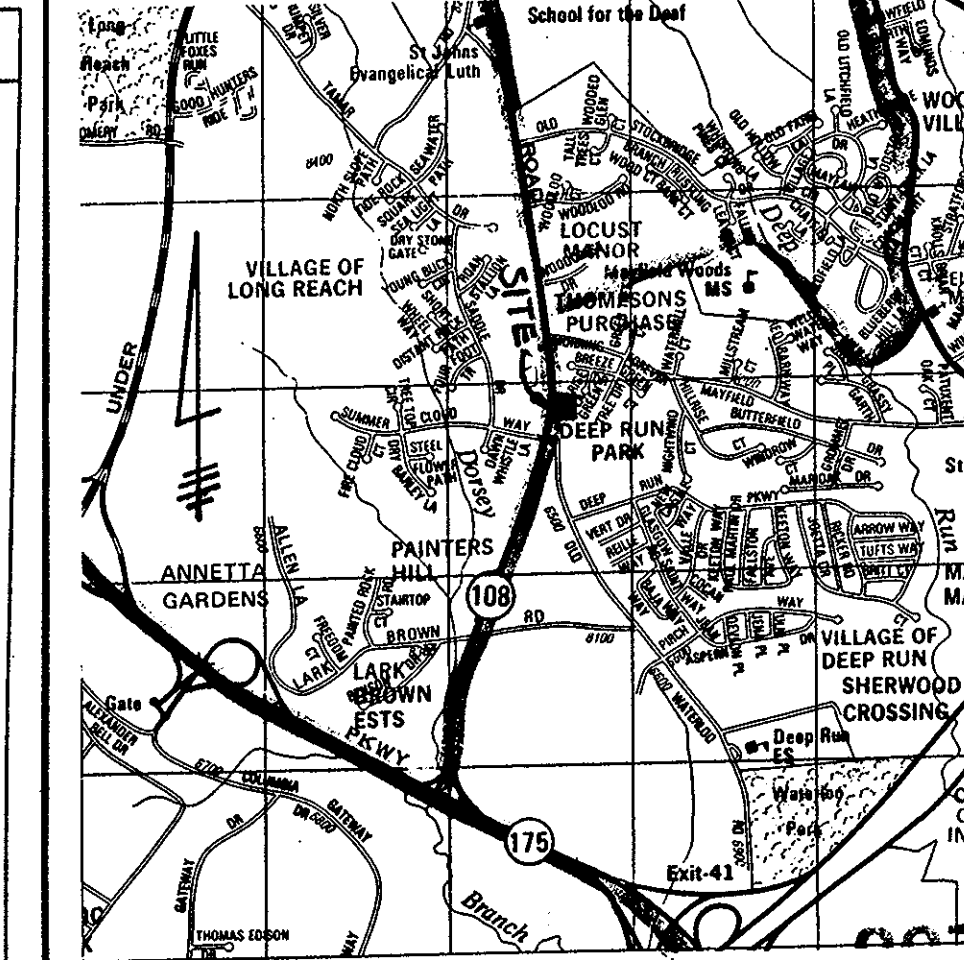
DETAIL 22 - SILT FENCE

- CONSTRUCTION SPECIFICATIONS**
- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum cut) or 1 1/2" diameter (minimum round) and shall be of sound quality hardwood. Steel posts shall be standard T or U section weighting not less than 1.00 pound per linear foot.
 - 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 ft²/minute (max.) Test: MSMT 322
Filtering Efficiency: 75% (min.) Test: MSMT 322
 - Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
 - Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reaches 50% of the fabric height.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 1-11-3

- GENERAL NOTES**
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
 - THE LOCATION AND ELEVATION OF EXISTING UTILITIES SHOWN HEREON IS BASED ON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL VERIFY THE INFORMATION TO HIS OWN SATISFACTION PRIOR TO STARTING WORK.
 - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION 24 HOURS BEFORE STARTING WORK.
 - SEE FILE NUMBERS F-93-34 AND WP 93-45 FOR A DECLARATION OF COVENANTS AND RESTRICTIONS RECORDED IN LIBER 2597 FOLIO 308 WHICH RUN WITH THE LAND, AND SHALL BE BINDING ON ALL PARTIES AND PERSONS CLAIMING UNDER THEM UNTIL JANUARY 1, 2010.

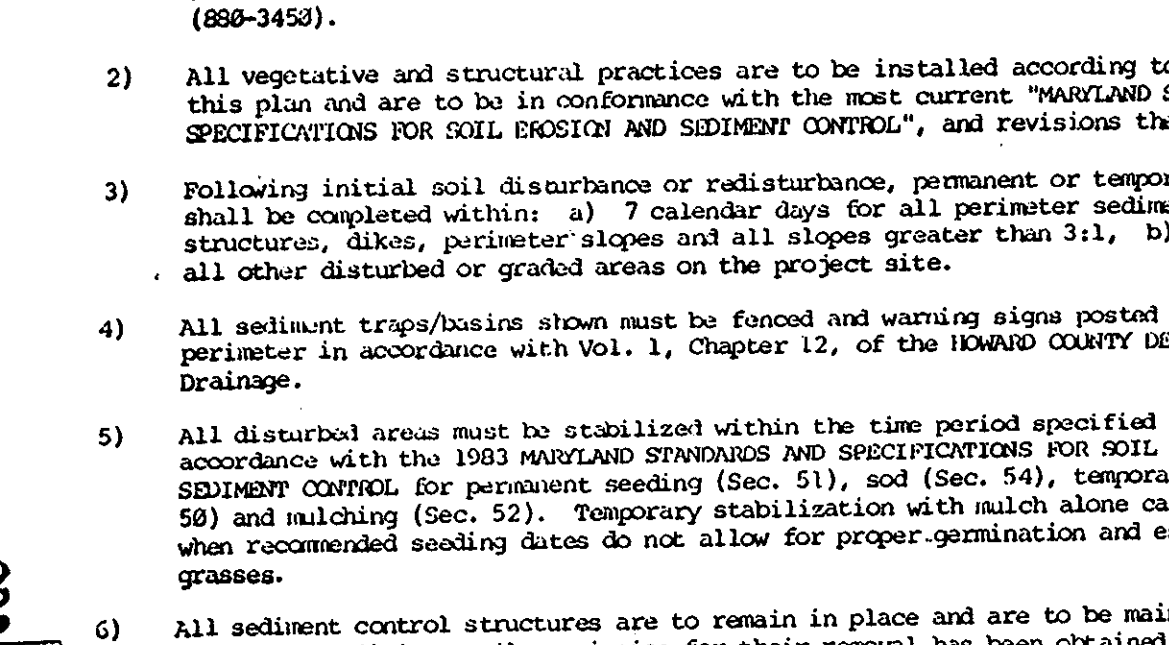
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 1-11-3



VICINITY MAP
SCALE 1"=2000'

- SITE ANALYSIS**
- AREA OF PARCEL = 0.609 AC. = 26,545 S.F.
 - PRESENT ZONING = R-5C
 - PROPOSED USE - SINGLE FAMILY RESIDENTIAL
 - NUMBER OF DWELLINGS ALLOWED = 2
 - NUMBER OF DWELLINGS PROPOSED = 2

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 1-11-3



DETAIL 33 - SUPER SILT FENCE

- CONSTRUCTION SPECIFICATIONS**
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U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 1-11-3

SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	SIDE/REAR	LOT 1	EACH LOT 2
LANDSCAPE TYPE	A		
FRONTAGE/PERIMETER	SIDE/REAR	173/75	176/86
NUMBER OF PLANTS REQ'D			
SHADE TREES	1/60	4	4
EVERGREEN TREES	0		
SHRUBS			
NUMBER OF PLANTS PROVIDED			
SHADE TREE	3	5	3
EVERGREEN TREES	0	1	
OTHER TREES (2-1 SUBSTITUTION)			
SHRUBS (10:1 SUBSTITUTION)			
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)			
SURETY REQUIRED \$300 PER TREE		0	1

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 1-11-3



PLANTING DETAIL
NO SCALE

- SEQUENCE OF CONSTRUCTION**
- OBTAIN GRADING AND/OR BUILDING PERMITS
 - NOTIFY THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS 24 HOURS BEFORE STARTING WORK
 - INSTALL SEDIMENT CONTROL DEVICES
 - ROUGH GRADE SITE
 - BEGIN BUILDING CONSTRUCTION
 - INSTALL UTILITIES
 - FINE GRADE SITE
 - PAVE DRIVEWAY
 - STABILIZE REMAINING AREA PER PERMANENT SEEDING PROCEDURES
 - REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE THOSE AREAS

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 1-11-3

OWNER
CORRIDOR REAL ESTATE, INC.
5570 STEPHEN PLACE
SUITE 201
COLUMBIA, MD. 21044

DEVELOPER
JANAAL HONES
623 GLENLEE CT.
REISTERSTOWN, MD. 21136

Landscape survey in the amount of \$300.00 will be paid at time of grading permit for Lot 2.

ADDRESS CHART

LOT NO.	STREET ADDRESS
1	6375 WATERLOO ROAD
2	6385 WATERLOO ROAD

PERMIT INFORMATION CHART

SUBDIVISION NAME	SECTION/AREA	LOT NO.			
PFEIFFER CORNERS	NA	1 & 2			
PLAT NO.	BLOCK	ZONE	TAX MAP	ELECT. DIST.	CENSUS TRACT
10910	14	R-5C	37	10T	6011.02
WATER CODE	SEWER CODE				

SITE DEVELOPMENT PLAN
LOTS 1 & 2
PFEIFFER CORNERS (PLAT NO.)
1ST ELECTION DISTRICT
HOWARD COUNTY, MD.
SCALE: 1"=30'
JUNE 16, 1998

REVISIONS JULY 16, 1998.
PER P. 52 COMMENTS.
REVISIONS APRIL 21, 1999.

SDP 98-150 98-3055

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Jabril Rahman 7/28/98
DIRECTOR, DEPARTMENT OF PLANNING AND ZONING

Cynthia Hamilton 7/27/98
CHIEF, DIVISION OF LAND DEVELOPMENT

John D. ... 7/27/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Paul ... 7/27/98
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Dr. Robert ... 7/27/98
DISTRICT HOWARD SOIL CONSERVATION DISTRICT