

SITE ANALYSIS DATA CHART

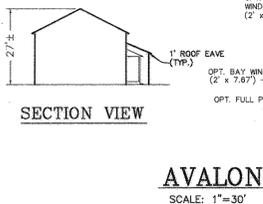
- GENERAL SITE DATA
 - PRESENT ZONING: R-SC
 - APPLICABLE DPZ FILE REFERENCES: N/A
 - PROPOSED USE OF SITE: SINGLE FAMILY DETACHED
 - PROPOSED WATER AND SEWER SYSTEMS: X_PUBLIC PRIVATE
 - ANY OTHER INFORMATION WHICH MAY BE RELEVANT: SEE GENERAL NOTE FOR WAIVER REQUESTS.
- AREA TABULATION
 - TOTAL PROJECT AREA: 2,376 AC.
 - NET AREA OF SITE: 2,376 AC.
 - AREA OF THIS PLAN SUBMISSION: 2,376 AC.
 - LIMIT OF DISTURBANCE: 2.74 AC.
 - BUILDING COVERAGE OF SITE: N/A
 - OTHER: N/A
- UNIT/LOT TABULATION
 - TOTAL NUMBER OF RESIDENTIAL UNITS/LOTS ALLOWED FOR PROJECT: N/A
 - TOTAL NUMBER OF RESIDENTIAL UNITS/LOTS PROPOSED ON THIS SUBMISSION: 13
 - DENSITY OF PROJECT PER NET ACRE: 4 D.U./AC.++
 - TOTAL NUMBER OF NON-RESIDENTIAL LOTS/PARCELS ON THIS SUBMISSION: N/A
 - OVERALL TOTAL NUMBER OF LOTS/PARCELS ON THIS SUBMISSION: 13
 - OTHER: N/A
- OPEN SPACE DATA
 - OPEN SPACE ON SITE: NOT REQUIRED
 - AREA OF RECREATION OPEN SPACE REQUIRED: N/A
 - OTHER: N/A
- PARKING SPACE DATA
 - FLOOR SPACE PER BUILDING: N/A
 - MAXIMUM NUMBER OF EMPLOYEES, TENANTS ON SITE PER USE: N/A
 - NUMBER OF PARKING SPACES REQUIRED BY ZONING REGULATIONS: N/A
 - NUMBER OF PARKING SPACES PROVIDED: N/A
 - SUBDIVISION TOTAL WAS RECORDED IN 1898. PER PLAT, TOTAL LOT YIELD = 14 LOTS

GENERAL NOTES:

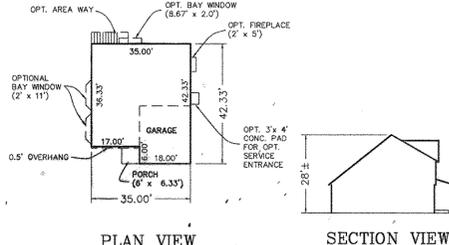
- TOTAL AREA OF SITE: 2,376 ACRES
- ZONE: R-SC PER THE 1983 COMPREHENSIVE ZONING PLAN. RECORDED PLAT # 24-3302-D
- PROPOSED USE: SINGLE FAMILY DETACHED
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/CONSTRUCTION INSPECTION DIVISION AT (410) 315-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION.
- THE TOPOGRAPHY SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON MARYLAND GRID SYSTEM HAD 87 - HOWARD COUNTY MONUMENTS NO. S 1741003 AND 1741002-R.
- THE BOUNDARY SURVEY OF SUBJECT PROPERTY WAS PERFORMED BY TSA GROUP, INC., DATED JANUARY 11, 1995.
- ANY DAMAGE TO COUNTY OWNED RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- THE CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES AND EASEMENTS PRIOR TO CONSTRUCTION.
- PLAT REFERENCE FOR THE SUBJECT PROPERTY IS PLAT NO. 61/470, DATED 1898.
- WATER AND SEWER CONNECTIONS WILL BE MADE TO EXISTING MAINS IN NORFOLK AVENUE (PRIVATE ROAD) PER SEWER AND WATER CONTRACT NO. 24-3302-D.
- FIREPLACE CHIMNEYS & BAY WINDOWS NOT MORE THAN 10 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY REQUIRED SETBACKS IN ACCORDANCE WITH SECTION 1507 OF ZONING REGULATION.
- REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE PROVIDED BY THE COUNTY TO THE INTERSECTION OF SEWALL AVENUE AND NORFOLK AVENUE ONLY AND NOT ONTO NORFOLK AVENUE.
- DEVELOPER/BUILDER SHALL ESTABLISH A HOMEOWNERS ASSOCIATION WITH COVENANTS CONCERNING TRASH REMOVAL, AND MAINTENANCE OF NORFOLK AVENUE (A PRIVATE ROAD).
- ALL EXISTING "NO PARKING" "FINE LANE" SIGNS LOCATED ON NORFOLK AVENUE TO REMAIN AS INDICATED ON SDP-94-38 AS APPROVED PLAN.
- ALL DRIVEWAY CLOSURES ARE 12" CMP UNLESS OTHERWISE NOTED ON THIS SDP. SEE HOWARD CO. STD. 85-06 FOR DETAILS.
- STORM WATER MANAGEMENT HAS BEEN PROVIDED BY PAYMENT OF FEE-IN-LIEU IN THE AMOUNT OF \$18,840.00, APPROVED ON NOV. 30, 1995.

LEGEND

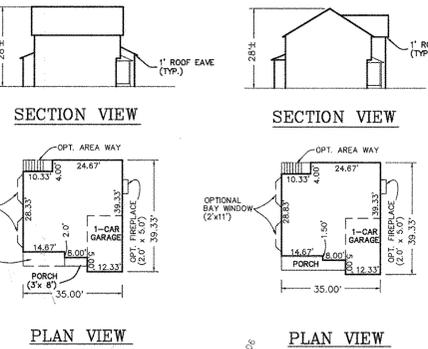
- EXISTING NO PARKING SIGN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- DIRECTION OF DRAINAGE
- EXISTING SEWER
- EXISTING WATER MAIN
- EXISTING STORM DRAIN
- PROPOSED TREE LINE
- EXISTING TREE LINE
- EXISTING EASEMENTS
- PROP. DRIVEWAY PAVING



AVALON
SCALE: 1"=30'

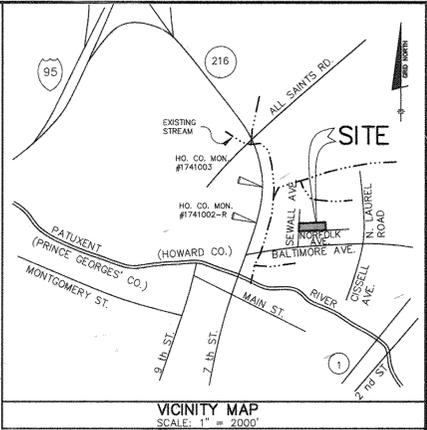


BERKSHIRE
SCALE: 1"=30'



ASHLEY
SCALE: 1"=30'

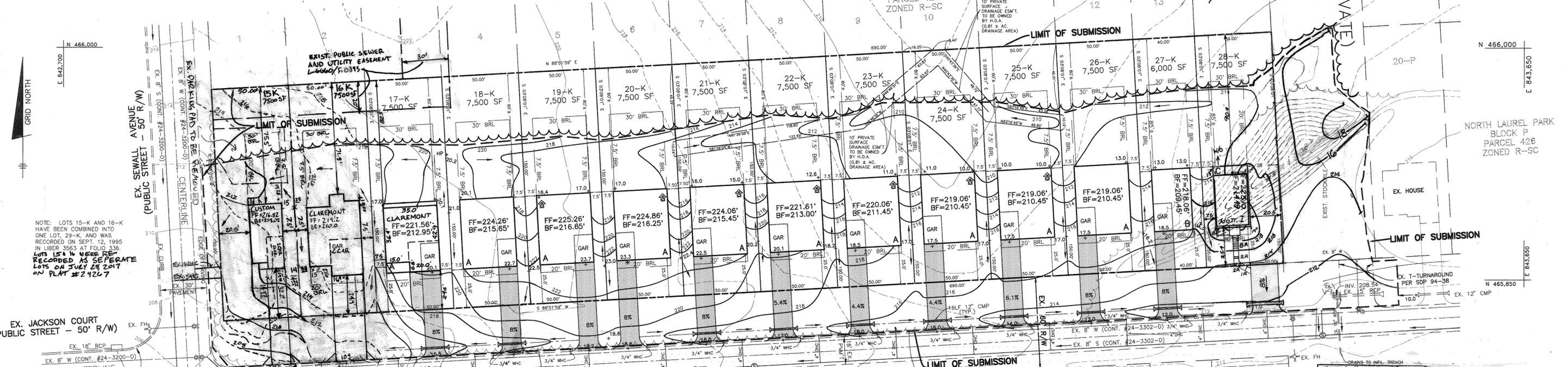
ASHLEY II
SCALE: 1"=30'



BENCH MARK DATA

HOWARD COUNTY MON. # 1741003
CONC. MON. ON WEST SIDE OF
RTE. 216 AND 0.2' BELOW SURFACE.
ELEV. = 198.395

HOWARD COUNTY MON. # 1741002-R
CONC. MON. ON TOP OF BANK
EAST OF EAST EDGE MAC. OF
RTE. 216 FLUSH WITH SURFACE.
ELEV. = 197.368



NOTE: LOTS 15-K AND 16-K HAVE BEEN COMBINED INTO ONE LOT, 29-K, AND WAS RECORDED ON SEPT. 12, 1995 IN LIBER 3563 AT FOLIO 126. LOTS 15-K WERE RECORDED AS SEPARATE LOTS ON JULY 28, 2017 ON PLAT # 24267

EX. JACKSON COURT (PUBLIC STREET - 50' R/W)

MIN. CELLAR ELEVATION

LOT NO.	DHC INVERT @ ESM-T	**MIN. CELLAR ELEVATION
16-K	205.44	203.38
17-K	205.34	209.30
18-K	208.97	212.97
19-K	208.40	213.40
20-K	208.70	212.70
21-K	207.90	211.90
22-K	207.38	211.38
23-K	206.37	210.37
24-K	204.69	208.69
25-K	203.70	207.70
26-K	202.69	206.69
27-K	201.79	205.79
28-K	199.97	203.97

** DATA FROM W & S CONT. #24-3302-D
DHC DENOTES DROP HOUSE CONNECTION

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

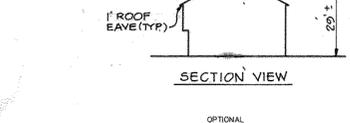
[Signature] 1/23/96
CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature] 1/25/96
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

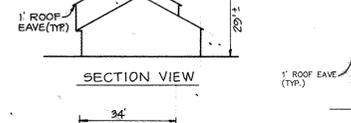
[Signature] 1/26/96
DIRECTOR



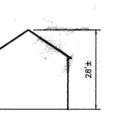
CAMBRIDGE
SCALE: 1"=30'



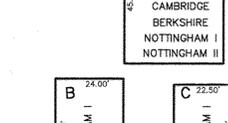
NOTTINGHAM I
SCALE: 1"=30'



NOTTINGHAM II
SCALE: 1"=30'



AMBERLY
SCALE: 1"=30'



GENERIC BOXES
SCALE: 1"=30'

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. 22390, Expiration Date: 6-30-19

[Signature]
FOR REVISIONS ONLY THIS SHEET

SHEET INDEX

SHEET NO.	TITLE
1	GENERIC SITE DEVELOPMENT PLAN
2	SEDIMENT & EROSION CONTROL PLAN
3	SEDIMENT & EROSION CONTROL NOTES AND DETAILS

PERMIT INFORMATION CHART

SUBDIVISION NAME					
NORTH LAUREL PARK					
BLOCK K, LOTS 15-28					
SECT./AREA	PARCEL #	LIBER & FOLIO	PREVIOUS FILE:		
	426	L. 61 F. 470	N/A		
PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
#24267	K	R-SC	50	6th	6069.03
WATER CODE	SEWER CODE	DATE:			
COS	7140000 & 7141500	OCT, 1995			
SCALE: 1"=30'		DATE: OCT, 1995			

ADDRESS CHART

LOT NUMBER	STREET ADDRESS	LOT NUMBER	STREET ADDRESS
16-K	9695 NORFOLK AVENUE	23-K	9667 NORFOLK AVENUE
17-K	9691 NORFOLK AVENUE	24-K	9663 NORFOLK AVENUE
18-K	9687 NORFOLK AVENUE	25-K	9659 NORFOLK AVENUE
19-K	9683 NORFOLK AVENUE	26-K	9655 NORFOLK AVENUE
20-K	9679 NORFOLK AVENUE	27-K	9651 NORFOLK AVENUE
21-K	9675 NORFOLK AVENUE	28-K	9647 NORFOLK AVENUE
22-K	9671 NORFOLK AVENUE		

REVISIONS

NO	DATE	REVISION
3	9-27-96	RESITE LOT 28-K
2	7-17-96	REMOVE SEDIMENT TRAP
1	1-2-96	REV. AS PER CO. COMMENTS
4	9-30-97	RESITE LOT 17-K
5	6-8-17	REVISE LOT 24-K INTO LOTS 15-K & 16-K; REVISE PLANS ACCORDINGLY; ADD CUSTOM HOUSE TYPICAL LOT 15-K

TSA GROUP, INC.
planning • architecture • engineering • surveying
6480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 488-8105

PROJECT: NORTH LAUREL PARK

BLOCK K, LOTS 15-28

LOCATION: TAX MAP 50-PARCEL 426
6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

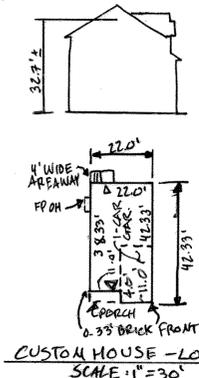
TITLE: **GENERIC SITE DEVELOPMENT PLAN**

DATE: OCT, 1995
PROJECT NO. 0850

DES: MLV/CAM CHK: CAM DRN: JMC SCALE: 1"=30' DRAWING 1 OF 3

LEGEND

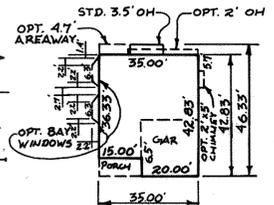
- CONTOUR INTERVAL 2 FEET
- EXISTING CONTOUR -200 100
- PROPOSED CONTOUR
- EXISTING SEWER EX. 8" S
- EXISTING WATER MAIN EX. 8" W
- EXISTING STORM DRAIN EX. 18" RCP
- STABILIZED CONSTRUCTION ENTRANCE
- PROPOSED EARTH DIKE E.D. A-3
- SILT FENCE SF
- SUPER SILT FENCE SSF
- LIMIT OF DISTURBED AREA
- EXISTING TREE LINE
- PROPOSED TREE LINE
- TREE PROTECTION FENCE TF
- STONE CHECK DAM



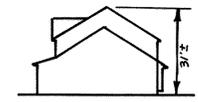
CUSTOM HOUSE - LOT 15K
SCALE: 1" = 30'

NOTE: NO GRADING ACTIVITIES ON LOT 16K. LOD ON LOT 15K IS LESS THAN 5,000 S.F. CONTOUR LINES SHOWN ON LOT 16K AND OUTSIDE OF THE LOD ON LOT 15K ARE TO SHOW THE CURRENT CONDITIONS.

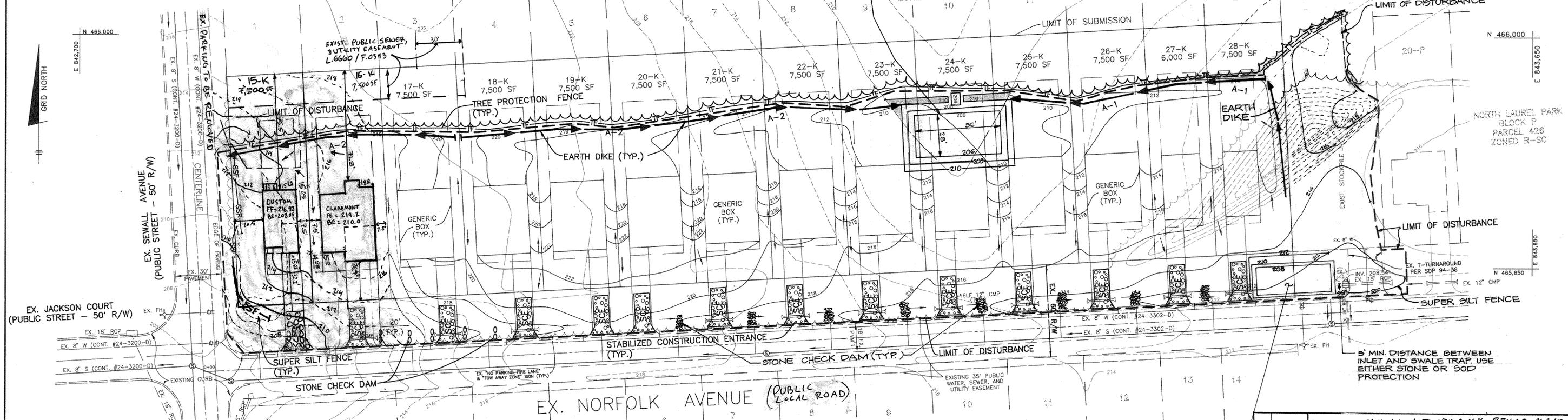
DELAY HOUSE CONSTRUCTION ON LOTS 23 - 25K UNTIL THE SEDIMENT TRAP IS REMOVED WITH THE APPROVAL OF HOWARD CO. INSPECTOR



CLAREMONT
SCALE: 1" = 30'



TEMP. STONE OUTLET SEDIMENT TRAP-ST II (S.O.S.T.) #1
DRAINAGE AREA: 1.40 AC.
STORAGE REQUIRED: 5040 C.F.
STORAGE PROVIDED: 5487 C.F.
WEIR LENGTH: 6 FT. (4 x 1.4 AC.)
STORAGE DEPTH BELOW OUTLET: 3.0 FT.
CLEANOUT ELEV.: 206.75 (1372 C.F.)
EMBANKMENT ELEV.: 210.00
BOTTOM DIM.: 56' x 28' AT 2:1 SIDE SLOPE
WET STORAGE: 274.4 C.F.
CREST ELEV.: 209.00
BOTTOM ELEV.: 206.00



PLAN VIEW
SCALE: 1" = 30'

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 22390 Expiration Date: 6-30-19



For Revision #4 only this sheet

THIS PLAN IS FOR SEDIMENT & EROSION CONTROL ONLY.

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 County Soil Conservation District.

John G. ... 1/19/96
Date

DEVELOPER'S CERTIFICATE
I/We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this 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 onsite inspection by the Howard County Soil Conservation District or their authorized agents, as are deemed necessary.

R. D. ... 12/19/95
Signature of Developer Date

TEMP. SWALE SEDIMENT TRAP ST-IV #2
DRAINAGE AREA = 0.85 AC.
STORAGE REQUIRED = 1530 C.F.
STORAGE PROVIDED = 1800 C.F.
STORAGE DEPTH = 2.0'
BOTTOM ELEVATION = 208.0'
BOTTOM DIMENSION = 50' x 18'

PERMIT INFORMATION CHART

SUBDIVISION NAME				
NORTH LAUREL PARK				
BLOCK K, LOTS 15-28				
SECT./AREA	PARCEL #	LIBER & FOLIO	PREVIOUS FILE:	
---	426	L61 F.470	N/A	
PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.
#24-267	K	R-SC	50	6th
61/470				6069.03
WATER CODE	SEWER CODE			
C05	7140000 & 7141500			
SCALE:	DATE:			
1" = 30'	OCT. 1995			

NO.	DATE	REVISION
4	8-8-17	REVISE LOT 21-K INTO LOTS 15K & 16K; REVISE PLANS ACCORDINGLY; ADD CUSTOM HOUSE TYPICAL LOT 15K
3	9-30-97	ADD CLAREMONT HOUSE TYPE
2	7-18-96	ADD SEDIMENT TRAP
1	1-2-96	REV. AS PER CO. COMMENTS

TSA GROUP, INC.
planning • architecture • engineering • surveying
6400 Baltimore National Pike • Beltsville, Maryland 21053 • (410) 466-6105

BUILDER/DEVELOPER		PROJECT:	
CONESTONE HOMES, LLC 1673 GERWIG LANE, SUITE L COLUMBIA, MD 21046 (410) 741-2568		NORTH LAUREL PARK	
OWNER LOT 15: BOYHINK, LLC 7615 GERWIG LANE, SUITE L COLUMBIA, MD 21046 (410) 741-2568		BLOCK K, LOTS 15-28	
LOCATION:		TAX MAP 50-PARCEL 426	
TITLE:		6th ELECTION DISTRICT	
SEDIMENT & EROSION CONTROL PLAN		HOWARD COUNTY, MARYLAND	
DATE:	OCT. 1995	PROJECT NO.	0850
DATE:	JAN. 1996	SCALE:	1" = 30'
DES: M.V./CAM	CHK: CAM	DRN: JMC	DRAWING 2 OF 3

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
John G. ... 1/23/96
DATE

APPROVED: REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
Patricia Engle ... 1/19/96
DATE

APPROVED: THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Jeffery ... 1/19/96
DATE

PERMANENT SEEDING NOTES

Apply to graded or cleared area not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seeded 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 on the following schedules.

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sf) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sf) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sf).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sf) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sf) before seeding. Harrow or disc into upper three inches of soil.

Seeding: For the periods March 1 through April 30 and August 1 through October 15, seed with 60 lbs per acre (14 lbs/1000 sf) of Kentucky 31 Tall Fescue. For the period May 1 through July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.05 lbs/1000 sf) of Weeping Lovegrass. During the period of October 16 through February 28, protect site by: Option 1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option 2) use sod. Option 3) seed with 80 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 sf) of rotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sf) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sf) for anchoring.

Maintenance: Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.

Seeded 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 sf).

Seeding: For periods March 1 through April 30 and from August 15 through November 15, seed with 2-1/2 bushel per acre of annual rye (3.2 lbs/1000 sf). For the period May 1 through August 14, seed with 3 lbs per acre of Weeping Lovegrass (0.07 lbs/1000 sf). For the period November 16 through 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 sf) of rotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sf) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sf) for anchoring.

Refer to the 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control for rate and methods not covered.

SEDIMENT CONTROL NOTES

1. A minimum of 48 hours notice must be given to the Howard County Department of Inspections and Permits, Sediment Control Division prior to the start of any construction. (313-1855).
2. 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.
3. Following initial soil disturbances 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 calendar 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 12, of the "Howard County Design Manual, Storm Drainage".
5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1991 Maryland Standards and Specifications for Soil Erosion and Sediment Control for Permanent Seedings (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.
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 of Site: 2.38± acres
Area to be Disturbed: 2.74± acre
Area to be roofed or paved: 0.67± acre
Area to be vegetatively stabilized: 2.07± acre
Total Cut: 775± cy
Total Fill: 466± 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. Additional sediment controls must be provided, if deemed necessary by the Howard County DPW Sediment Control Inspector.
9. 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.
10. 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.
11. Quantities and estimates shown are for sediment control purposes only. Contractor shall prepare his/her own quantity estimates to his/her satisfaction.
* It is the responsibility of the contractor to identify the spoil/borrow site and notify and gain approval from the sediment control inspector of the site and it's grading permit number at the time of construction.

SEQUENCE OF CONSTRUCTION

Notify Sediment Control Division 48 hours prior to start of construction.

1. Obtain grading permit
2. Install new sediment and erosion control devices and stabilize. Install tree protection fence as indicated on plan.
4. Excavate for foundations, rough grade and temporarily stabilize. Except for late construction delay controls until the site is stabilized and the trap is removed with the approval of the Howard County Sediment Control Inspector. Note: silt fence may be required along the perimeter of each house construction.
5. Construct house and driveway.
6. Final grade and stabilize in accordance with standards and specifications.
7. Upon approval of the Howard County sediment control inspector, remove sediment and erosion control devices and stabilize.

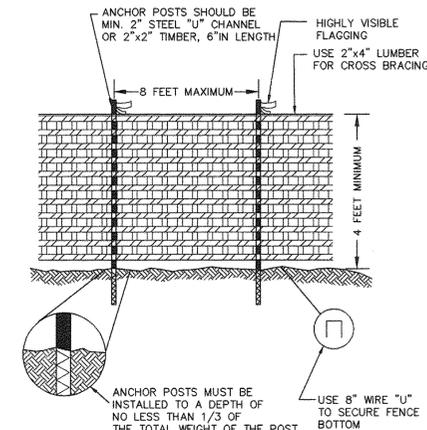
*INDICATES SINGLE HOUSE CONSTRUCTION.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 [Signature] 1/22/96
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] 1/25/96
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH
 [Signature] 1/26/96
 DIRECTOR

APPROVED: REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 [Signature] 1/19/96
 NATURAL RESOURCES CONSERVATION SERVICE

APPROVED: THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
 [Signature] 1/19/96
 HOWARD COUNTY CONSERVATION DISTRICT

BLAZE ORANGE PLASTIC MESH

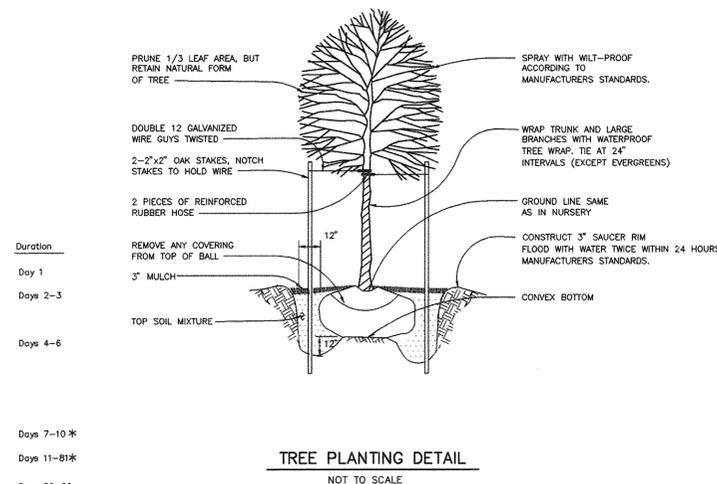


NOTES:

1. FOREST PROTECTION DEVICE ONLY.
2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICES.
4. AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.
5. DEVICE SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION.
6. PROTECTIVE SIGNAGE IS ALSO REQUIRED.

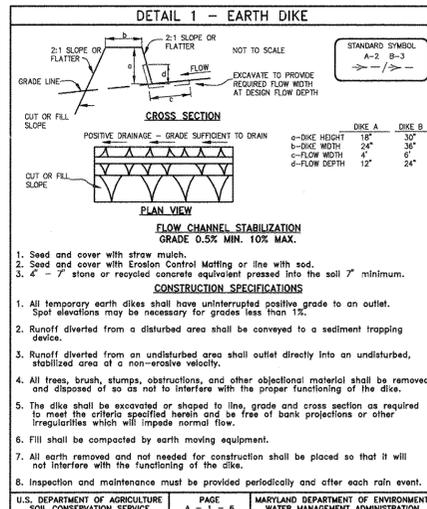
TEMPORARY TREE PROTECTION FENCE

NOT TO SCALE

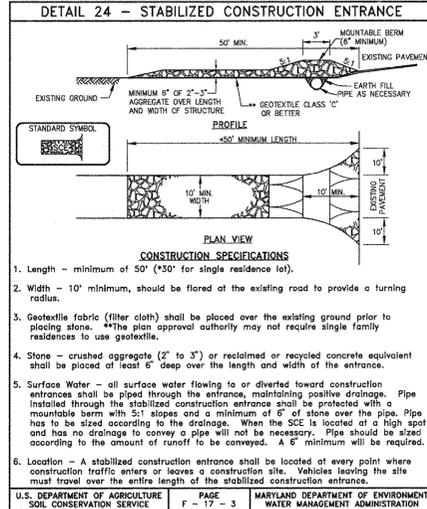


TREE PLANTING DETAIL

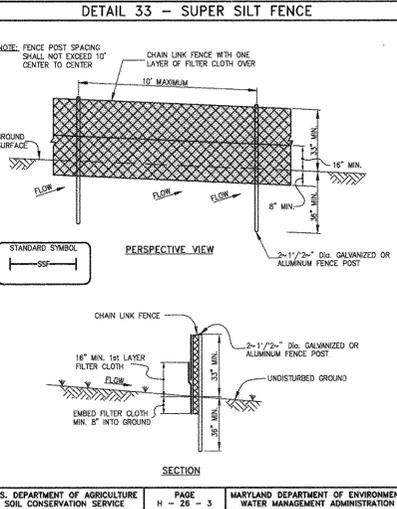
NOT TO SCALE



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 8-1-6 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 8-17-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 8-28-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

SUPER SILT FENCE

CONSTRUCTION SPECIFICATIONS

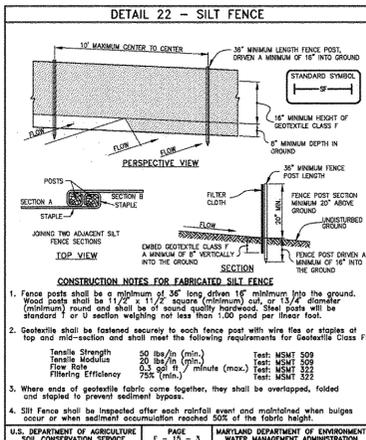
1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6" fence shall be used, substituting 42" fabric and 1/2" length posts.
2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wires, braces and frass rods, drive anchors and post caps are not required except on the ends of the fence.
3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
4. Filter cloth shall be embedded a minimum of 6" into the ground.
5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
6. Maintenance shall be performed as needed and all buldings removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height.
7. Filter cloth 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/ft. (minute) (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

SUPER SILT FENCE DESIGN CRITERIA

Slope	Slope Steepness	Slope Length (Maximum)	Silt Fence Length (Maximum)
0 - 10%	0 - 10:1	Unlimited	Unlimited
10 - 20%	10:1 - 5:1	200 feet	1,500 feet
20 - 33%	5:1 - 3:1	100 feet	1,000 feet
33 - 50%	3:1 - 2:1	100 feet	500 feet
50% +	2:1 +	50 feet	250 feet

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 8-28-3A MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 8-15-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

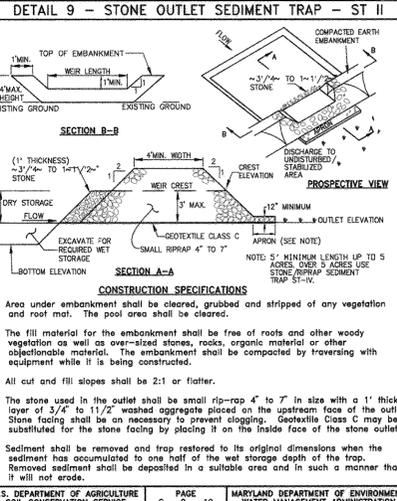
SILT FENCE

SILT FENCE DESIGN CRITERIA

Slope Steepness	(Maximum) Slope Length	(Minimum) Silt Fence Length
Flatter than 50:1	unlimited	unlimited
50:1 to 10:1	125 feet	1,000 feet
10:1 to 5:1	100 feet	750 feet
5:1 to 3:1	60 feet	500 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

Note: In areas of less than 2% slope and sandy soils (USA general classification system, Soil Class A) maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only particulate control required.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 8-15-3A MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 8-9-10 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

STONE OUTLET SEDIMENT TRAP - ST II

CONSTRUCTION SPECIFICATIONS

6. The structure shall be inspected periodically and after each rain and repairs made as needed.
7. Construction of traps shall be carried out in such a manner that sediment pollution is abated. Once constructed, the top and outside face of the embankment shall be stabilized with seed and mulch. Points of concentration inflow shall be protected in accordance with grade stabilization structure criteria. The remainder of the interior slopes should be stabilized (one time) with seed and mulch upon trap completion and monitored and maintained free during the life of the trap.
8. The Structure shall be dewatered by approved methods, removed and the area stabilized when the drainage area has been properly stabilized.
9. Refer to Section D for specifications concerning trap dewatering.
10. Minimum trap depth shall be measured from the weir elevation.
11. The elevation of the top if any dike directing water into the trap must equal or exceed the elevation of the trap embankment.
12. Geotextile Class C shall be placed over the bottom and sides of the outlet channel prior to the placement of stone. Sections of filter cloth must overlap at least 1' with the section nearest the entrance placed on top. The filter cloth shall be embedded at least 6" into existing ground at the entrance of the outlet channel.
13. Outlet - An outlet shall be provided, including a means of conveying the discharge in an erosion free manner to an existing stable channel.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 8-9-10A MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

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 County Soil Conservation District.
 [Signature] 1/22/95
 Date

DEVELOPER'S CERTIFICATE
 I/We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this 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 onsite inspection by the Howard County Soil Conservation District or their authorized agents, as are deemed necessary.
 [Signature] 10/17/95
 Signature of Developer Date

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 22390 Expiration Date: 6-30-19



PERMIT INFORMATION CHART

SUBDIVISION NAME: NORTH LAUREL PARK				
BLOCK K, LOTS 15-28				
SECT./AREA	PARCEL #	LIBER & FOLIO	PREVIOUS FILE:	
---	426	L.61 F.470	N/A	
PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.
24267	K	R-SC	50	6th
61/470				6069.03
WATER CODE	COS	SEWER CODE	7140000 & 7141500	
SCALE:	NOT TO SCALE	DATE:	OCT, 1995	

BUILDER/DEVELOPER CORNERSTONE HOMES, LLC 963 GERJUNG LANE, SUITE L COLUMBIA, MD 21046 (410) 742-2565	PROJECT: NORTH LAUREL PARK BLOCK K, LOTS 15-28
OWNER: BOYKIN, LLC Lot 15: 4693 GERJUNG LANE SUITE L COLUMBIA, MD 21046 (410) 712-2565	LOCATION: TAX MAP 50-PARCEL 426 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE: SEDIMENT CONTROL NOTES & DETAILS	DATE: OCT, 1995 JAN, 1996
DES: MLV/CAM CHK: CAM DRN: JMC	PROJECT NO. 0850 DRAWING 3 OF 3