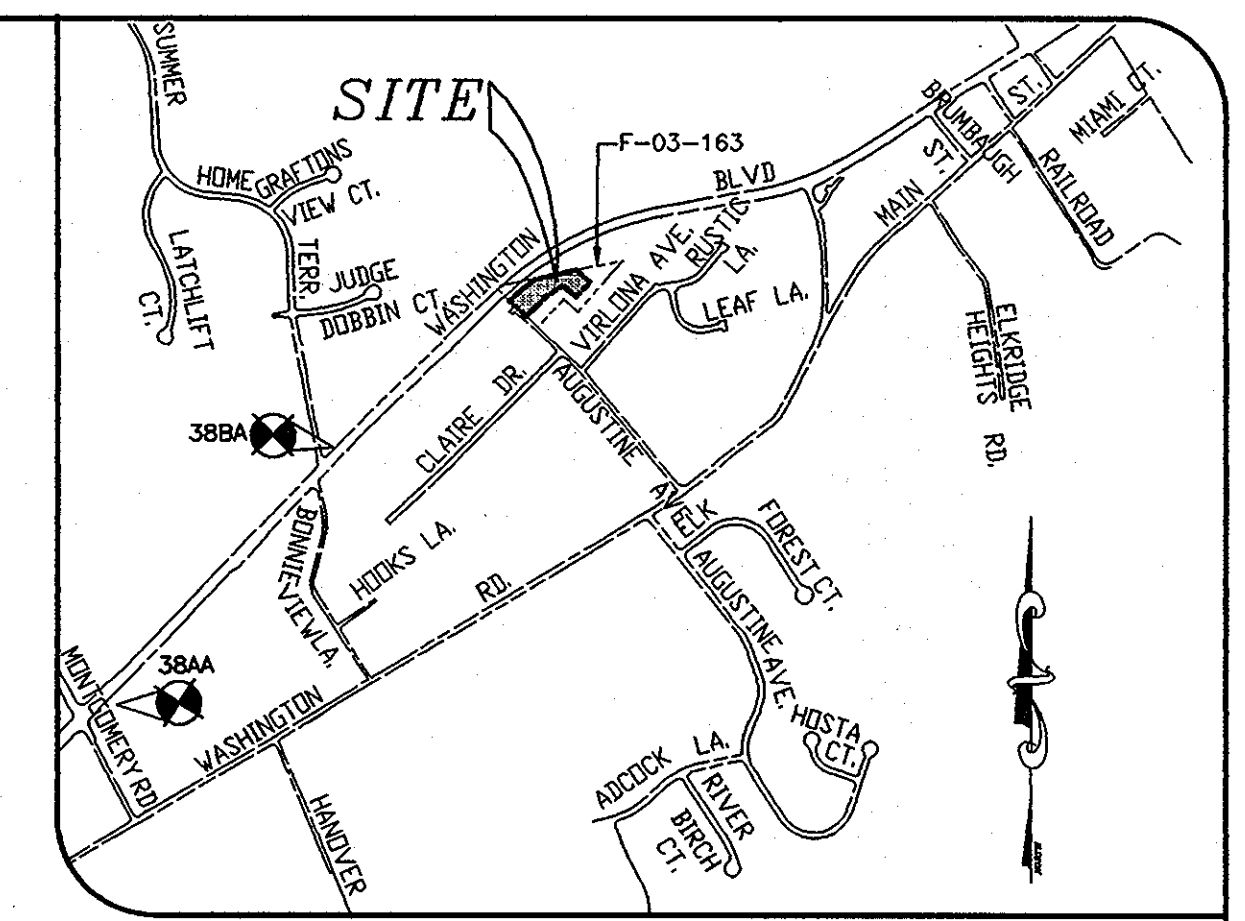


CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	BEARING	DELTA
C1	1623'	155.39'	77.76'	S50°07'10\"/>	

INDEX SHEET

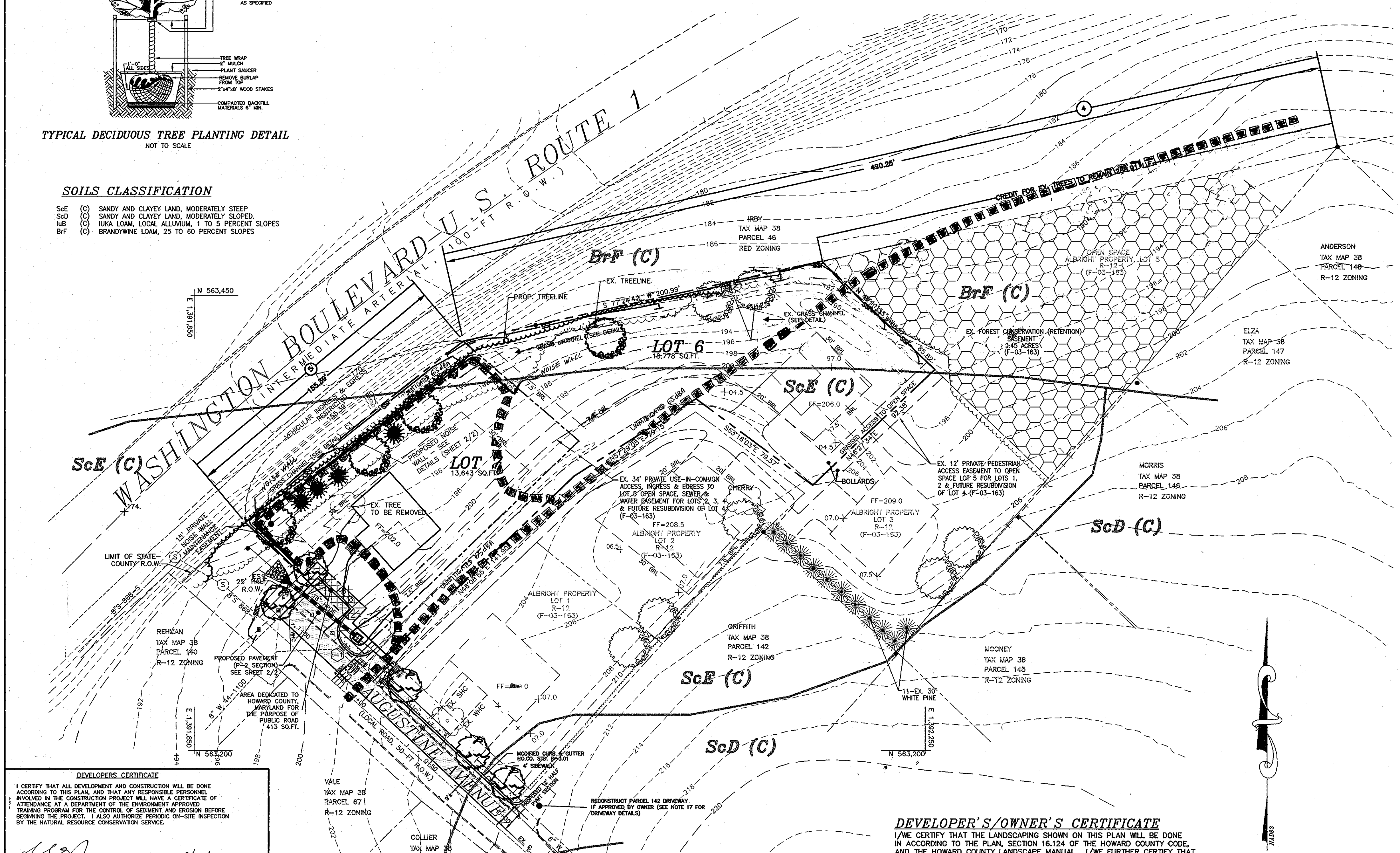
SHEET NO.	TITLE
1	COVER SHEET, SUPPLEMENTAL & LANDSCAPE PLAN
2	NOISE WALL AND GRASS CHANNEL DETAILS
3	ROAD IMPROVEMENT PLAN, DETAILS AND PROFILES
4	COVER SHEET, SUPPLEMENTAL & LANDSCAPE PLAN



Project	SEP. 04	SEP. 04	SEP. 04
Illustration	OC-107	OC-107	OC-107
MAP/SA	MAP/SA	MAP/SA	MAP/SA
scale	1\"/>		
date	5-10-04	5-10-04	5-10-04
description	REVISED AS PER MTF/ATER AND UNLIMITED ASSOCIATES, INC. NOISE WALL BARBER AND ASSOCIATED ENGINEERS		
revisions			
no.			

SOILS CLASSIFICATION

- ScE (C) SANDY AND CLAYEY LAND, MODERATELY STEEP
- ScD (C) SANDY AND CLAYEY LAND, MODERATELY SLOPED,
- IuB (C) IUKA LOAM, LOCAL ALLUVIUM, 1 TO 5 PERCENT SLOPES
- BfF (C) BRANDYWINE LOAM, 25 TO 60 PERCENT SLOPES



GENERAL NOTES:

- THIS PLAN IS SUBJECT TO COUNTY COUNCIL BILL 45-2003, THE AMENDED 5th EDITION SUBDIVISION REGULATIONS, EFFECTIVE OCTOBER 2, 2003, AND TO THE 2004 COMPREHENSIVE ZONING PLAN DATED FEBRUARY 2, 2004.
- PROJECT BACKGROUND:
TAX MAP: 38, PARCEL: 141 LOT: 4 BLOCK 3
ELECTION DISTRICT: FIRST
ZONING: R-12
DEED REFERENCE: L 6888, F. 0099
DPZ FILES: F-03-163 (ALBRIGHT PROPERTY)
- AREA TABULATION:
A. TOTAL TRACT AREA: 0.754 AC.
B. NUMBER OF PROPOSED BUILDABLE LOTS: 2
C. NUMBER OF OPEN SPACE LOTS: 0
D. AREA OF PUBLIC RIGHT-OF-WAY: 0 AC.
E. AREA OF BUILDABLE LOTS: 0.754 AC. ±
F. MINIMUM LOT AREA: 12,139 SQ.FT.
G. OPEN SPACE REQUIRED AT 8%: 2,628 SQ.FT.
H. OPEN SPACE PROVIDED: OPEN SPACE FOR ALBRIGHT PROPERTY LOT 4 PROVIDED UNDER F-03-163.
- MINIMUM LOT SIZE AND OPEN SPACE REQUIREMENTS SHOWN ABOVE ARE IN ACCORDANCE WITH SECTION 16.121(a)(2) OF THE HOWARD COUNTY SUBDIVISION REGULATIONS, AMENDED 5th ED.
- TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD RUN TOPOGRAPHIC SURVEY CONDUCTED BY MILDENBERG BOENDER & ASSOCIATES, INC. ON OR ABOUT MARCH 2003.
- BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN & MONUMENTED SURVEY BY MILDENBERG, BOENDER & ASSOCIATES, INC. ON OR ABOUT MARCH 2003.
- HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND NAD 83 (HIGHER NOVD83 (NAD83) AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 38AA & 38BA (ALL UNITS IN FEET).
STA. NO. 38AA N 561,158.784 ELEV. 220.778
E 1,389,726.391
STA. NO. 38BA N 562,553.278 ELEV. 166.944
E 1,390,967.927
- FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND ROAD RIGHT-OF-WAY LINE AND NOT ONTO THE PIPESTEM LOT DRIVEWAY.
- THIS PROPOSED SUBDIVISION WILL CONSIST OF SINGLE FAMILY DETACHED DWELLINGS.
- NO HISTORIC DISTRICTS ARE ON OR ADJACENT TO THIS SITE.
- NO BURIAL GROUNDS OR CEMETERIES ARE ON OR ADJACENT TO THIS SITE.
- NO NATURAL STEEP SLOPES, WETLANDS, STREAMS, OR FLOODPLAINS EXIST ON-SITE AS CERTIFIED BY MILDENBERG BOENDER & ASSOCIATES, INC., ON OR ABOUT MARCH 2003.
- PROPERTY LOCATED WITHIN THE METROPOLITAN DISTRICT WATER AND SEWER ARE PUBLIC. CONTRACT NOS. ARE 868-S FOR SEWER AND 44-1100 FOR WATER.
- WATER AND SEWER SERVICE TO THESE LOTS WILL BE GRANTED UNDER THE PROVISIONS OF SECTION 18.122.B OF THE HOWARD COUNTY CODE.
- PUBLIC WATER ALLOCATION WILL BE GRANTED AT THE TIME OF ISSUANCE OF THE BUILDING PERMIT IF CAPACITY IS AVAILABLE AT THAT TIME.
- SOILS DATA BASED ON HOWARD COUNTY SOIL SURVEY DATED JULY 1968, SHEET 20.
DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
A) WIDTH - 12 FEET (14 FEET SERVING MORE THAN ONE RESIDENCE).
B) SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING.
C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.
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) STRUCTURE CLEARANCES - MINIMUM 12 FEET.
G) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
- STORMWATER MANAGEMENT PROVIDED UNDER ALBRIGHT PROPERTY, F-03-163.
- OPEN SPACE FOR LOT 4 HAS PROVIDED PREVIOUSLY UNDER F-03-163 FOR A MINIMUM LOT SIZE OF 9,600 SQ.FT. (20% OPEN SPACE).
- FOREST CONSERVATION EASEMENT(S) HAS BEEN ESTABLISHED UNDER F-03-163 TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT. FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED. FOREST CONSERVATION OBLIGATIONS IN ACCORDANCE WITH SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT FOR THIS SUBDIVISION HAS BEEN FULFILLED UNDER F-03-163.
- LANDSCAPING HAS BEEN PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING ON LOT 6 (1 SHADE TREE) IN THE AMOUNT OF \$300.00 AND LOT 7 (3 SHADE TREES AND 4 EVERGREENS) IN THE AMOUNT OF \$1,500.00 FOR A TOTAL OF \$1,800.00 IS DEFERRED UNTIL THE SITE DEVELOPMENT PLAN STAGE.
- AT THE TIME OF INSTALLMENT, ALL SHRUBS AND OTHER PLANTINGS HEREWITH LISTED AND APPROVED FOR THIS SITE, SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPE MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATION OF REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY DEVIATION FROM THIS APPROVED LANDSCAPE PLAN MAY RESULT IN DENIAL OR DELAY IN THE RELEASE OF LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE MADE TO APPLICABLE PLANS AND CERTIFICATES.
- NOISE STUDY BY WILLIAM ENVIRONMENTAL SERVICES IN APRIL 2010.
- WAIVER PETITION WP-03-151 APPROVED JULY 30, 2003, UNDER ALBRIGHT PROPERTY, F-03-163, TO WAIVER SECTIONS 16.120(c)(2)(ii), 16.121(e)(1), AND 16.122(b)(4)(v), WHICH REQUIRE 40-FT FRONTAGE FOR OPEN SPACE AND PROHIBIT ENCUMBERING RESIDENTIAL LOTS WITH OPEN SPACE ACCESS EASEMENTS. THE FOLLOWING ARE CONDITIONS OF APPROVAL: 1) A 12-FT ACCESS EASEMENT IS PROVIDED BETWEEN LOTS 3 & 4, 2) A SHARED ACCESS EASEMENT SERVING LOTS 2-4 AND OPEN SPACE LOT 5 SHALL BE ESTABLISHED FOR USE BY THOSE LOTS, 3) THE SIDE EASEMENT TO THE ACCESS EASEMENT ON LOTS 3 & 4 SHALL BE INCREASED BY 10-FT, AND 4) A GRASSED ACCESS ON THE EASEMENT BETWEEN LOTS 3 AND 4 SHALL BE PROVIDED AND DEMARCATED BY BOLLARDS.
- THE DRIVEWAY ENTRANCE FOR LOT 1, 7 AND PARCEL 142 SHALL CONFORM TO HOWARD COUNTY STANDARD DETAIL R6.02.
- INSTALL A 100-WATT "TRADITIONAIRE" HPS VAPOR POST TOP FIXTURE ON A 14" BLACK FIBERGLASS POLE, AUGUSTINE AVENUE STA 1+78.

DEVELOPERS CERTIFICATE
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY 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 NATURAL RESOURCE CONSERVATION SERVICE.

Signature of Developer: *[Signature]* DATE: 9/21/04

Signature of Developer: *[Signature]* DATE: 9/21/04

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICABLE AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATURAL RESOURCE CONSERVATION SERVICE.

Signature of Engineer: *[Signature]* DATE: 9/21/04

Signature of Engineer: *[Signature]* DATE: 9/21/04

REVIEW FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
Signature: *[Signature]* DATE: 9/29/04

USDA NATURAL RESOURCES CONSERVATION SERVICE
Signature: *[Signature]* DATE: 10-7-04

APPROVED: DEPARTMENT OF PUBLIC WORKS
Signature: *[Signature]* DATE: 10/19/04

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Signature: *[Signature]* DATE: 10/15/04

- LEGEND**
- AREA OF ROADWAY TO BE SAW CUT, UPGRADED AND REPAVED TO MATCH TYP. SECTION ON SHEET 3 OF 3.
 - EX. FOREST CONSERVATION (RETENTION) EASEMENT
 - PROPOSED 4' SIDEWALK
 - SUPER SILT FENCE
 - PROPOSED TREE LINE
 - PERIMETER LANDSCAPE EDGE
 - LANDSCAPING PROVIDED UNDER F-03-163
 - LANDSCAPING PROPOSED UNDER THIS PLAN (SHADE TREE)
 - LANDSCAPING PROPOSED UNDER THIS PLAN (EVERGREEN)

SCHEDULE A: PERIMETER LANDSCAPED EDGE

CATEGORY	ADJ. TO PERIMETER PROPERTIES	ADJ. TO ROADWAY	TOTAL
LANDSCAPE TYPE	A (PERIMETER 4)	B (PERIMETER 5)	
LINEAR FEET OF PERIMETER	490.25'	155.39'	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	YES, 288.91 LF OF EX. TREES TO REMAIN (201.34 LF REMAINING)	NO	
NUMBER OF PLANTS REQUIRED			
SHADE TREES	3 SHADE TREES	3 SHADE TREES	6 SHADE TREES
EVERGREEN TREES	4 EVERGREEN TREES	4 EVERGREEN TREES	8 EVERGREEN TREES
SHRUBS	0 SHRUBS	0 SHRUBS	0 SHRUBS
CREDIT FOR PROP. TREES UNDER F-03-163		N/A	
SHADE TREES	2 SHADE TREES		2 SHADE TREES
EVERGREEN TREES	0 EVERGREEN TREES		0 EVERGREEN TREES
NUMBER OF PLANTS PROVIDED			
SHADE TREES	1 SHADE TREE	3 SHADE TREES	4 SHADE TREES
EVERGREEN TREES	0 EVERGREEN TREES	4 EVERGREEN TREES	4 EVERGREEN TREES
OTHER TREES (2:1 SUBSTITUTION)	0 SUBSTITUTION TREES	0 SUBSTITUTION TREES	0 SUBSTITUTION TREES
SHRUBS (10:1 SUBSTITUTION)	0 SHRUBS	0 SHRUBS	0 SHRUBS

DEVELOPER'S/OWNER'S CERTIFICATE
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE IN ACCORDANCE TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE, AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

Signature: *[Signature]* DATE: 9/29/04
Signature: *[Signature]* DATE: 9/21/04

STREET TREE PLANTING SCHEDULE

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
5		PYRUS CALLERYANA 'REDSPIRE'	REDSPIRE PEAR	2 1/2" - 3" CAL.
TOTAL				
5 STREET TREES				
QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
4		PINUS STROBUS	EASTERN WHITE PINE	6" - 8" HT.
4		ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	2 1/2" - 3" CAL.
TOTAL				
8 TREES (4 SHADE, 4 EVERGREEN)				

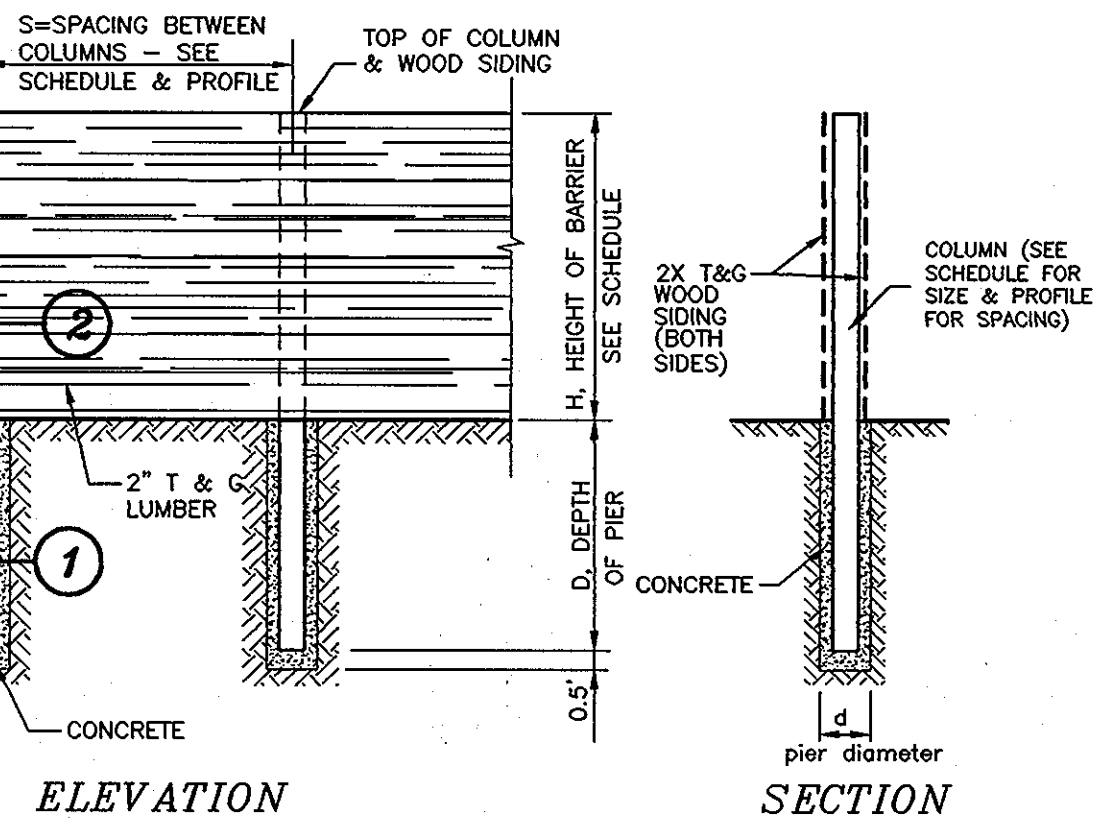
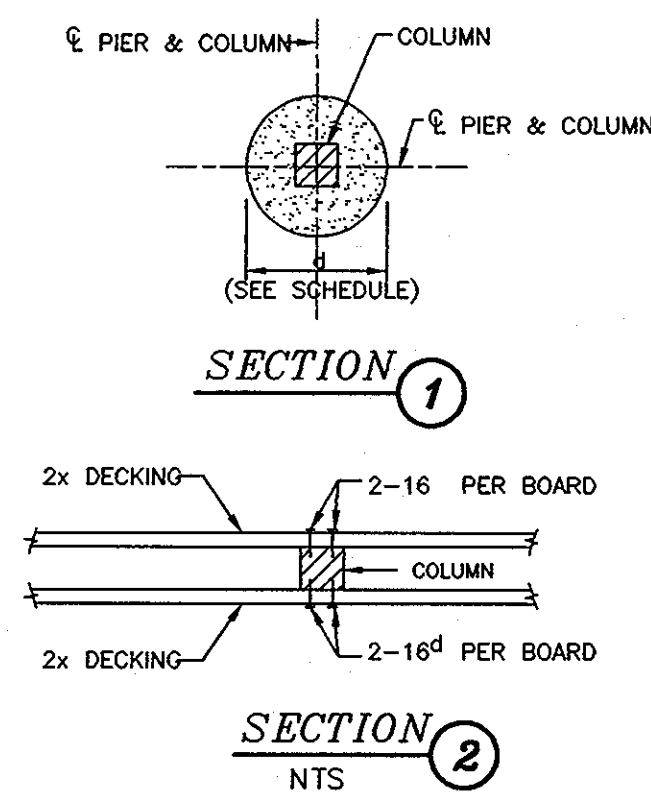
LANDSCAPE REQUIREMENT PLANTING SCHEDULE

STREET TREE CALCULATIONS
AUGUSTINE AVENUE - 203 / 40 = 5
TOTAL TREES REQUIRED = 5 STREET TREES
TOTAL TREES PROVIDED = 5 STREET TREES

OWNER AND DEVELOPER
JENMAR HOMES AT AUGUSTINE, LLC
3403 OLD POST DRIVE
BALTIMORE, MARYLAND 21208
410-730-0810

ALBRIGHT PROPERTY II
A RESUBDIVISION OF LOT 4
TAX MAP 38, PARCEL 141, LOT 4
1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
COVER SHEET, SUPPLEMENTAL, SEDIMENT CONTROL & LANDSCAPE PLAN

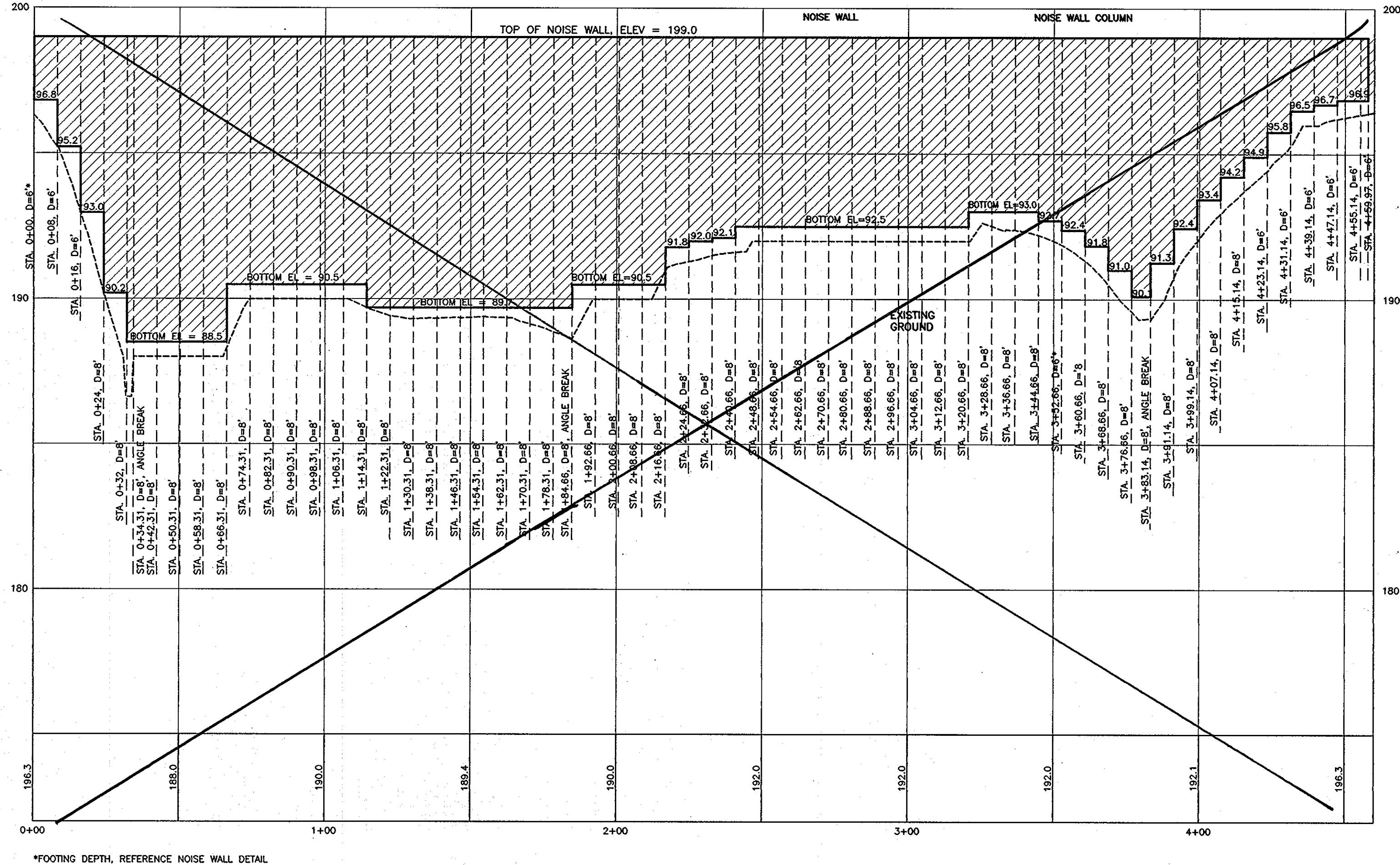
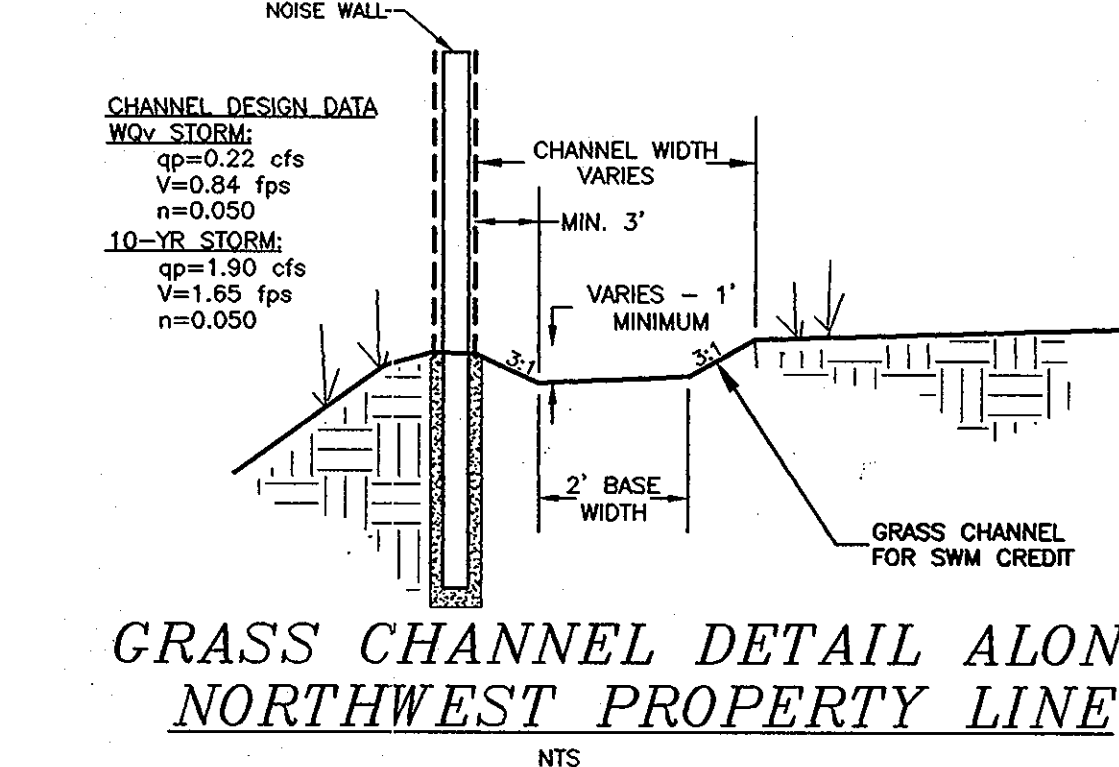
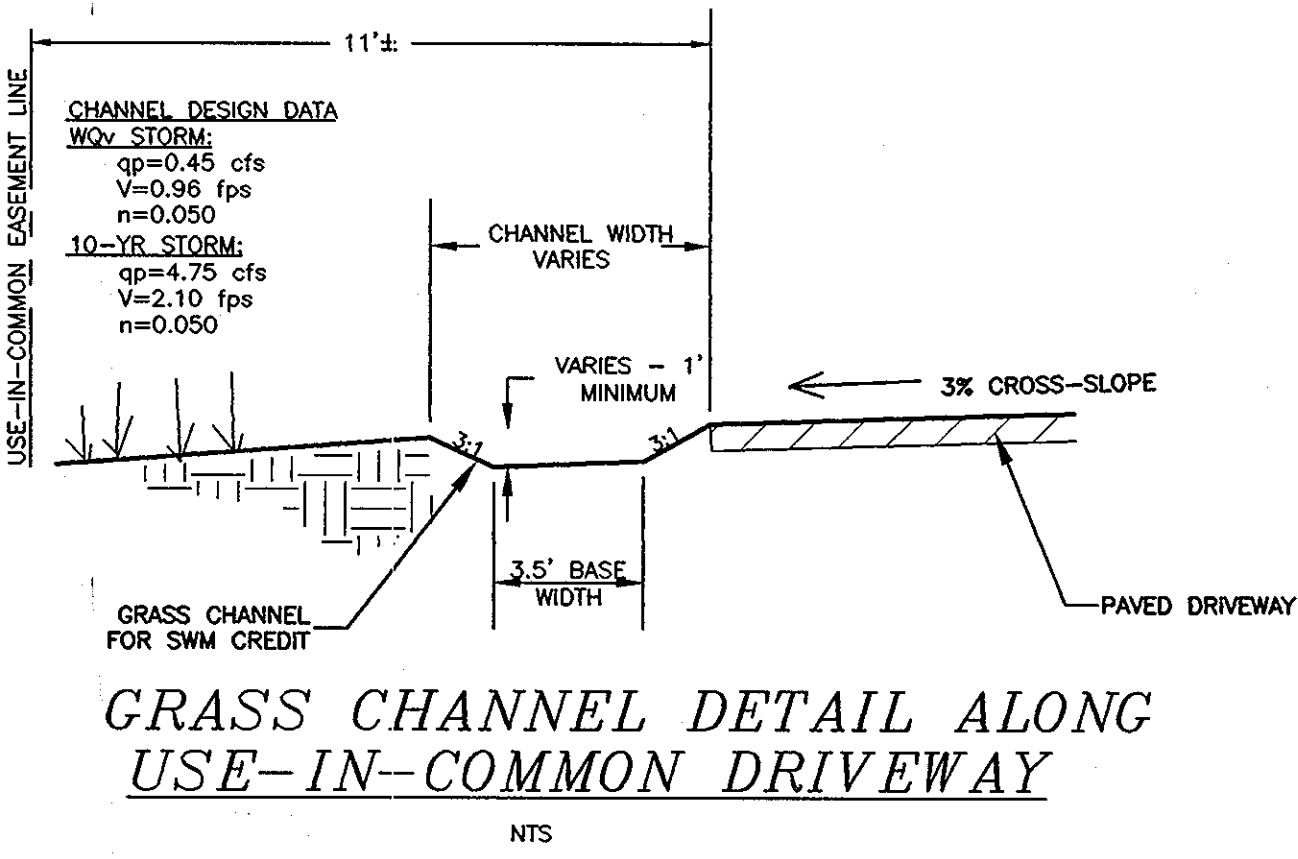
MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Horse Hall Drive, Suite 202, Elliott City, Maryland 21042
(410) 997-0236 Bal. (301) 621-5621 Wash. (410) 997-0238 Tex.



SCHEDULE				
40 #/sqft HORIZONTAL LOADING				
H	S	D	d	POST SIZE
5'	8'	6'	12"	4"x8"
10'	8'	8'	18"	6"x12"
15'	8'	10'	24"	8"x16"

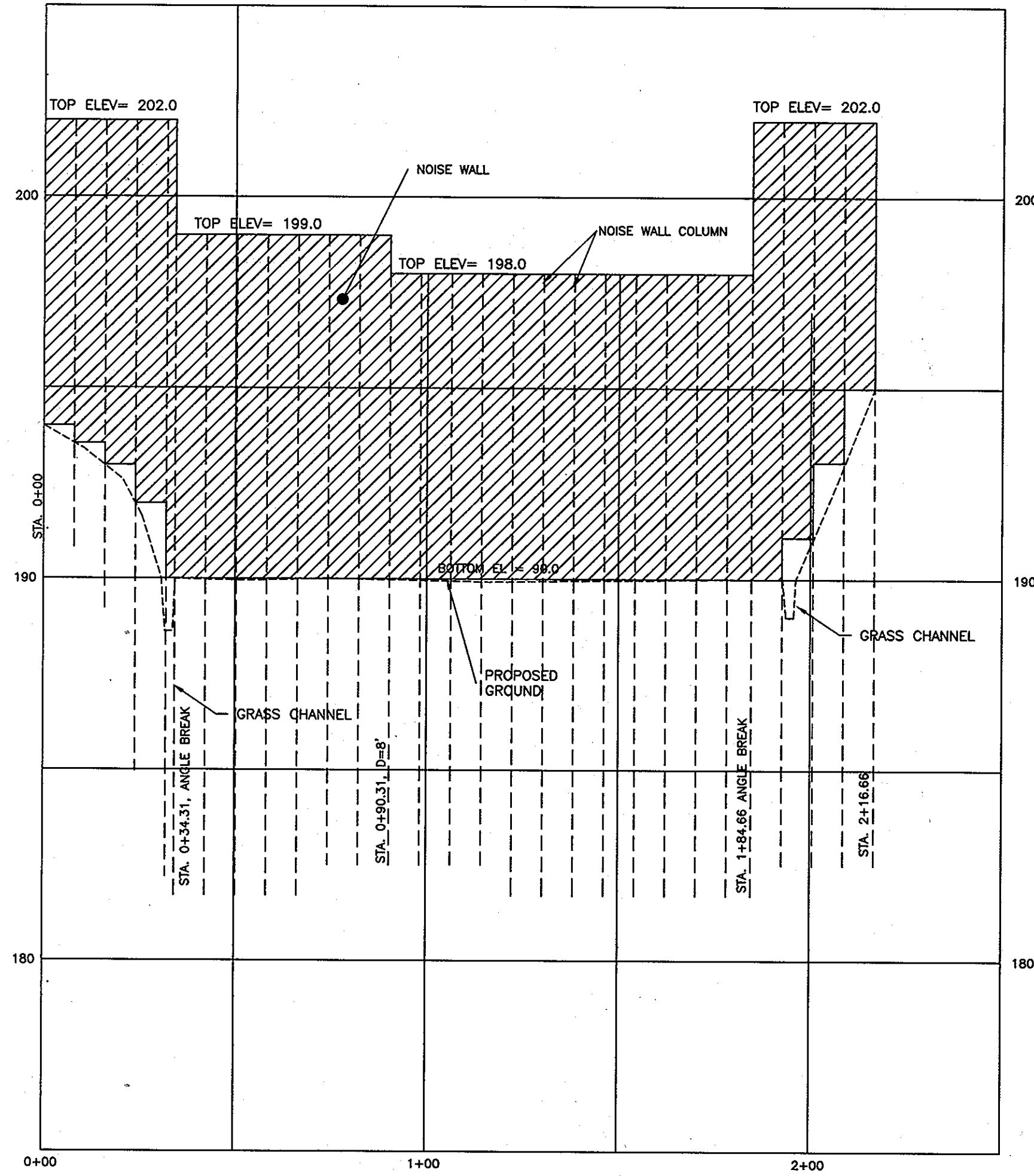
NOTE: THE PROPOSED NOISE WALL IS PRIVATELY OWNED AND SHALL BE MAINTAINED BY THE OWNER'S COST. THE NOISE WALL SHALL BE INSPECTED AND REPAIRED AS NECESSARY AT A MINIMUM OF ONCE PER YEAR.

- NOTES:
- GENERAL:
 - HEIGHT OF BARRIER SHALL BE BASED ON ACOUSTIC REQUIREMENTS.
 - BARRIER WALLS HAVING A HEIGHT (H) NOT INDICATED IN THE TABLES SHALL BE CONSTRUCTED AS SHOWN IN THE HIGHER HEIGHT CATEGORY.
 - SIDING:
 - 2x WOOD DECKING MATERIAL SHALL BE UTILIZED TO SPAN HORIZONTALLY BETWEEN POSTS. DESIGN CRITERIA IS BASED ON AN ALLOWABLE BENDING STRESS OF 1400 LBS. PER SQ. IN. AND A 33 1/3% INCREASE IN STRESS FOR WIND LOADS AS CONSIDERED APPROPRIATE.
 - DECKING SHALL BE MC15.
 - POST:
 - WOOD POST SHALL BE UTILIZED AT THE SPACING INDICATED ON THE SCHEDULE. DESIGN CRITERIA IS BASED ON AN ALLOWABLE BENDING STRESS OF 1400 LBS. PER SQ. IN. AND A 33 1/3% INCREASE IN STRESS FOR WIND LOADS AS CONSIDERED APPROPRIATE.
 - POST EMBEDDED IN CONCRETE SHALL BE TREATED WITH A WOOD PRESERVATIVE IN THE AREA OF EMBEDMENT AND 12" ABOVE GRADE.
 - CONCRETE:
 - CONCRETE IN THE PIERS SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 2500 LBS. PER SQ. IN.
 - CONCRETE SHALL BE PLACED IN DRILLED PIERS UTILIZING THE EARTH AS THE FORMS.
 - FOUNDATIONS:
 - THE DRILLED PIERS HAVE BEEN DESIGNED UTILIZING AN ALLOWABLE PASSIVE PRESSURE OF 300 LBS. PER SQ. FT. AND THE FOLLOWING FORMULA: $D = \frac{1.432M}{\sqrt{P}}$
 - M = MOMENT AT TOP OF DRILLED PIER (FT./LBS)
 - P = ALLOWABLE PASSIVE PRESSURE (300 LBS PER SQ.FT.)
 - d = DIAMETER OF PIER (FT.)
 - D = DEPTH OF PIER (FT.)
 - ALTERNATIVE #1 (PRESERVATIVE TREATMENT) ALTERNATIVE #1 REPRESENTS THE ADDITIONAL COST FACTOR FOR TREATING THE BASIC WOOD STRUCTURE INDICATED ON THIS REFERENCE PLAN. THE NECESSITY FOR TREATMENT AND THE TYPE OF TREATMENT WILL BE SUBJECT TO LOCAL CONDITIONS. ALL TREATMENTS SHALL CONFORM TO ANPA STD C-14.
 - ALTERNATIVE #2 (PAINTING) ALTERNATIVE #2 REPRESENTS THE ADDITIONAL COST FACTOR REQUIRED TO PAINT ONE SIDE OF THE BASIC WOOD STRUCTURE SHOWN ON THIS REFERENCE PLAN. PAINTING SHALL CONSIST OF 3 APPLICATIONS OF PAINT, 2 COATS OF LATEX BASE PAINT CONFORMING TO FEDERAL SPECIFICATION TT-P-009966 SHALL BE APPLIED OVER PRIMER COAT CONFORMING TO FEDERAL SPECIFICATION TT-P-00253.
 - ALTERNATIVE #3 (STAINING) ALTERNATIVE #3 REPRESENTS THE ADDITIONAL COST FACTOR REQUIRED TO STAIN ONE SIDE OF BASIC WOOD STRUCTURE. STAIN SHALL CONSIST OF 2 COATS OF SEMI-TRANSPARENT STAIN APPLIED IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.



NOISE WALL PROFILE

HORIZ. SCALE: 1"=30'
VERT. SCALE: 1"=3'



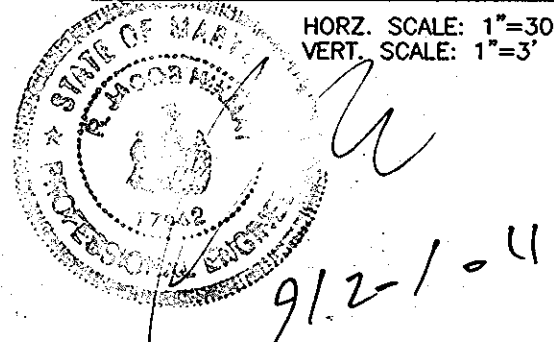
NOISE WALL PROFILE

HORIZ. SCALE: 1"=30'
VERT. SCALE: 1"=3'

APPROVED: DEPARTMENT OF PUBLIC WORKS
CHIEF BUREAU OF HIGHWAYS _____ DATE _____

APPROVED: DEPARTMENT OF PLANNING AND ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT _____ DATE 1/19/04

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE 12/15/04



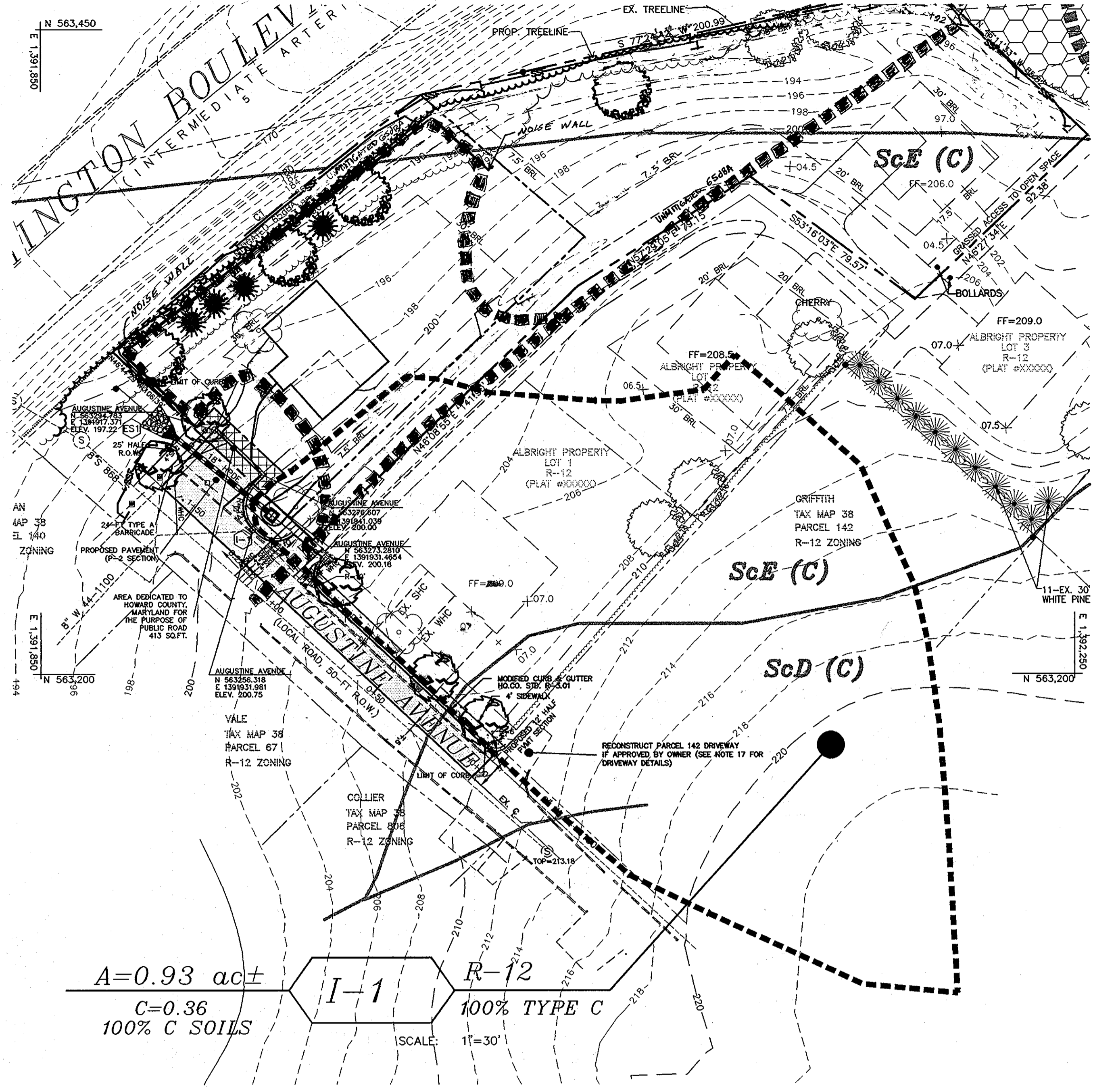
OWNER AND DEVELOPER
JENMAR HOMES AT AUGUSTINE, LLC
3403 OLD POST DRIVE
BALTIMORE, MARYLAND 21208
410-730-0810

Project	02-107	date	SEP. 04
Illustration	MAP/SSA	engineering	MAP/SSA
scale	1"=30'	approval	RJH

NOISE WALL PROFILE	description	revisions	date
1			5-13-01

ALBRIGHT PROPERTY II
A RESUBDIVISION OF LOT 4
TAX MAP 38, PARCEL 141, LOT 4
1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
NOISE WALL AND GRASS CHANNEL DETAILS

MILDENBERG, & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 897-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax



A=0.93 ac±
C=0.36
100% C SOILS

I-1 R-12
100% TYPE C

SCALE: 1"=30'

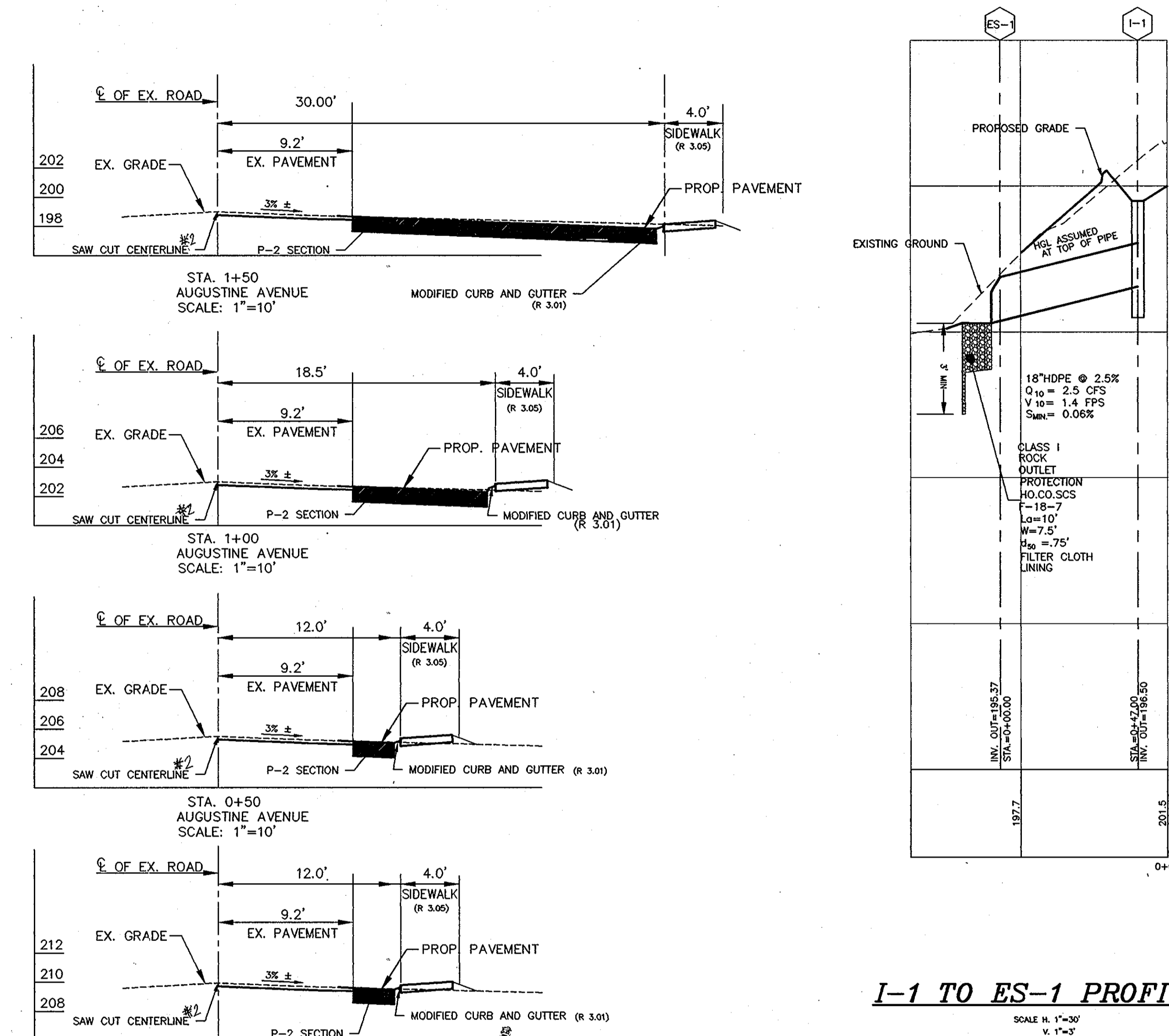
ROAD IMPROVEMENTS DETAIL

STRUCTURE SCHEDULE

NO.	LOCATION	TOP EL.	INV. IN	INV. OUT	COMMENTS
I-1	AUGUSTINE AVENUE	199.50	---	196.50	YARD INLET HO.CO. SD-4.14
ES-1	AUGUSTINE AVENUE	---	---	195.37	SEE SHEET 4 OF 4 FOR END SECTION DETAILS

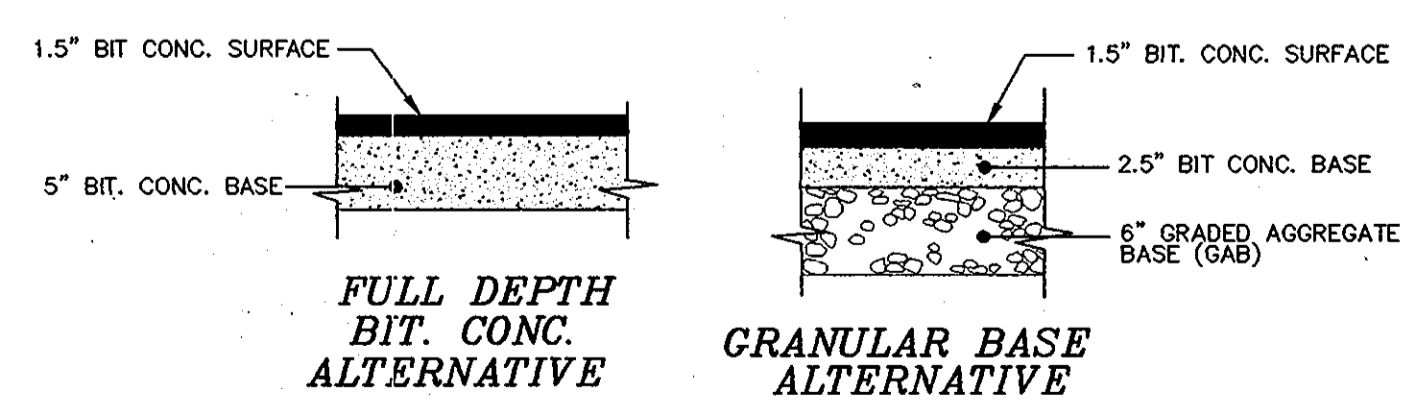
PIPE SCHEDULE

PIPE SIZE	LENGTH
18" HDPE	47 LF.

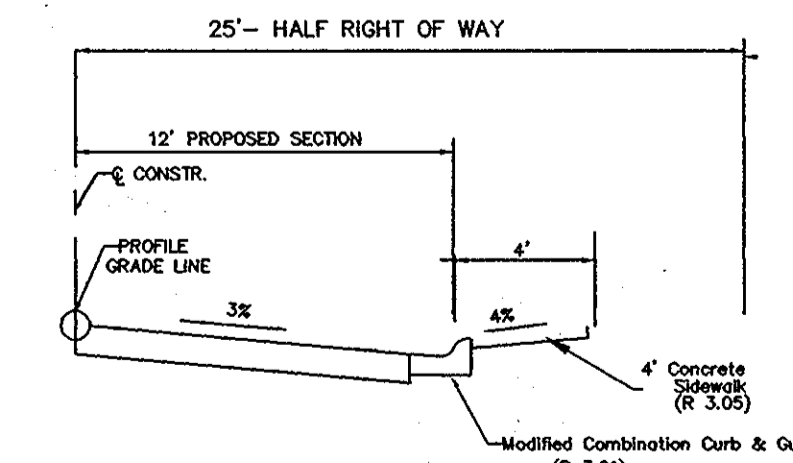


I-1 TO ES-1 PROFILE

ROAD WIDENING NOTES:
1. USE HOWARD COUNTY STD R-10A.01
*2. C of Road to be milled at depth of 1-1/2" x 1' WIDE USING a MILLING MACHINE.



PAVING SECTION P-2
AUGUSTINE AVENUE
N.T.S.
(REF: R-2.02)



TYPICAL ROADWAY IMPROVEMENT SECTION
SECTION NOT TO SCALE

DEVELOPERS CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY 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 NATURAL RESOURCE CONSERVATION SERVICE.

Signature of Developer: *[Signature]* DATE: 9/21/04

Signature of Engineer: *[Signature]* DATE: 9/22/04

Signature of Engineer: R. JACOB HIKMAT DATE: 9/29/04

Signature of Engineer: *[Signature]* DATE: 9/29/04

Signature of Engineer: *[Signature]* DATE: 10-7-04

Signature of Engineer: *[Signature]* DATE: 10/19/04

Signature of Engineer: *[Signature]* DATE: 10/15/04

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

Approved: *[Signature]* 9/29/04
Howard S.C.D. DATE

Project	02-107
Date	SEP. 04
Illustration	engineering
MAP/ISA	MAP/ISA
Scale	1"=30'
Approval	approval
RI#	

REVISED	DATE	BY	DESCRIPTION
1	5-11-2011	SAE ZHANG	ADD ASSOCIATED ENGINEERING

ALBRIGHT PROPERTY II
A RESUBDIVISION OF LOT 4
TAX MAP 38, PARCEL 141, LOT 4
1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
ROAD IMPROVEMENT PLAN, DETAILS AND PROFILES

MILDENBERG & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hill Drive, Suite 202, Ellicott City, Maryland 21042
(410) 987-0288 Fax. (301) 521-5521 Wash. (410) 997-0288 Fax.

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