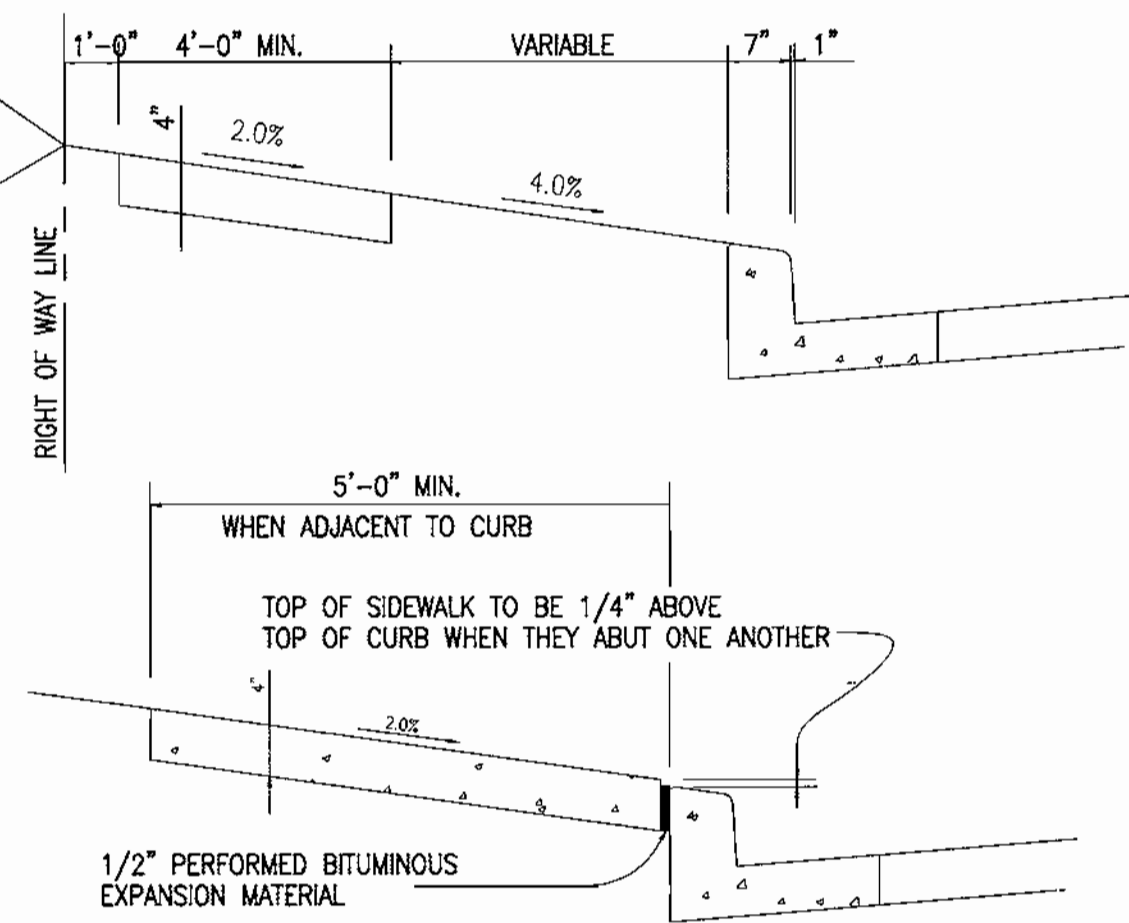
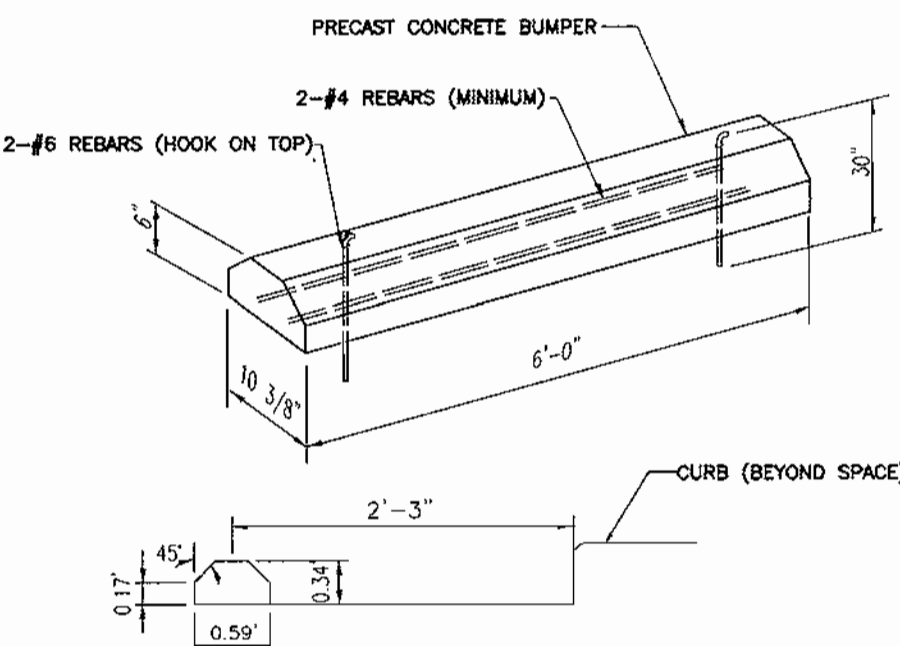


CONCRETE SIDEWALK
HOWARD COUNTY STANDARD DETAIL R3.05

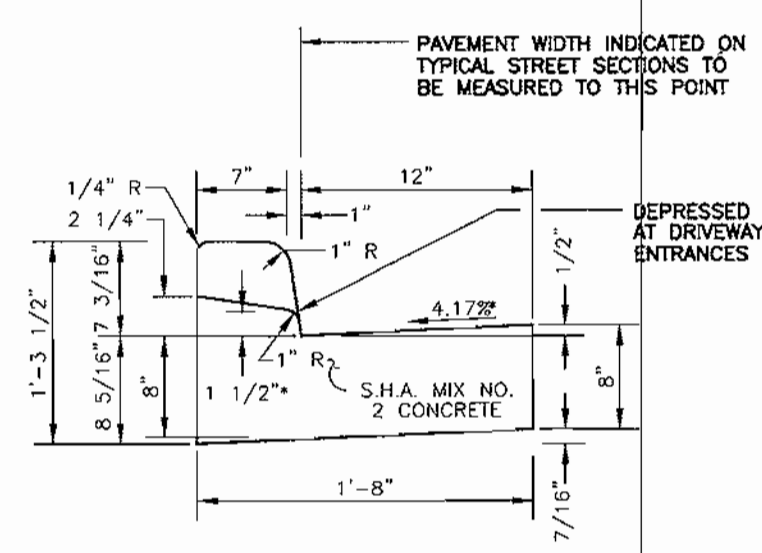


CONSTRUCTION SPECIFICATIONS

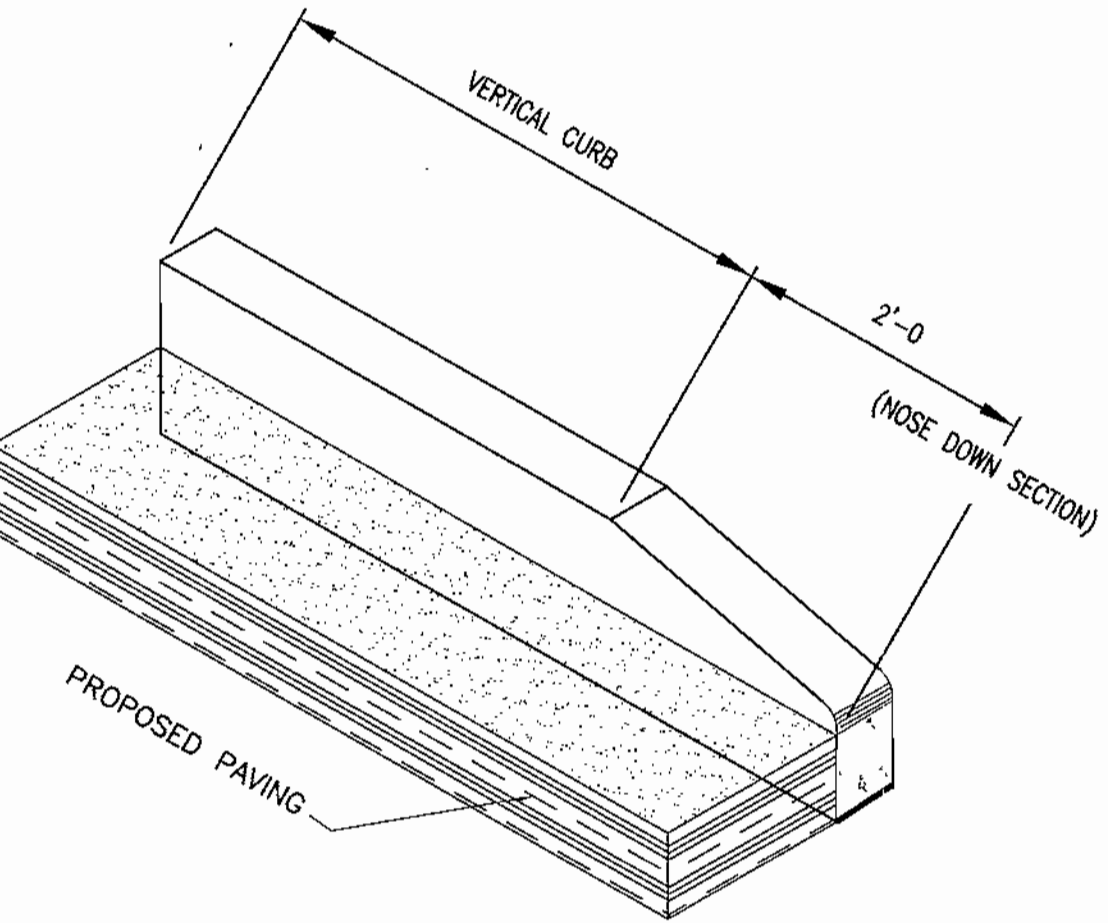
1. SIDEWALK TO BE SCRIBED IN 5'-0" MAXIMUM SQUARES.
2. EXPANSION JOINTS ACROSS THE SIDEWALK NOT TO BE MORE THAN 15' APART.
3. 1/2" PREFORMED BITUMINOUS EXPANSION MATERIAL IN EXPANSION JOINTS TO BE KEPT 1/4" BELOW SURFACE OF SIDEWALK.
4. CONCRETE TO BE MIX NUMBER 2.
5. WHERE SIDEWALK ADJUTS CURB, SIDEWALK SHALL BE 1/4" ABOVE CURB WITH 1/2" PREFORMED BITUMINOUS EXPANSION MATERIAL BETWEEN SIDEWALK AND CURB.
6. ON LONGITUDINAL SIDEWALK GRADES OF 5% OR GREATER, A CONCRETE HEADER, 6" THICK AND 6" DEEP BELOW THE NORMAL 4" SIDEWALK THICKNESS SHALL CONSTRUCTED FOR THE FULL WIDTH OF THE SIDEWALK AT INTERVALS OF 48 FEET. THE HEADERS SHALL BE PLACED AT EXPANSION JOINT LOCATIONS AND SHALL BE MONOLITHIC WITH THE CURB.
7. SIDEWALK WIDTH ADJACENT TO CURB SHALL BE 5'-0" MINIMUM EXCEPT SIDEWALK ADJACENT TO CURB IN CUL-DE-SAC BULBS MAY BE 4'-0" WIDE.
8. SIDEWALK LOCATED 2' OR MORE FROM CURB MAY BE 4'-0" IN WIDTH WITH A 5'X5' PAVED SECTION PLACED 200' APART.



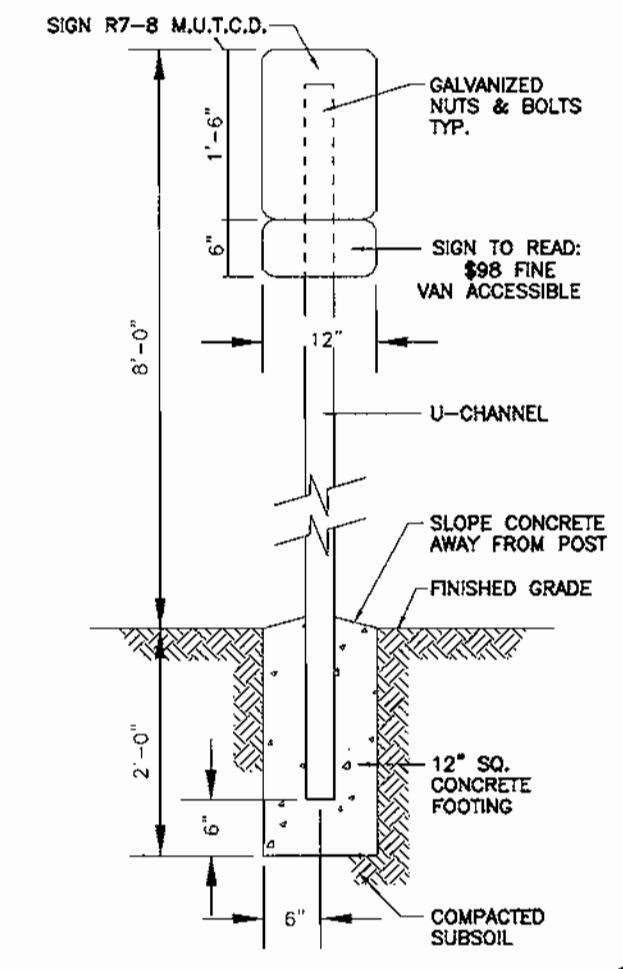
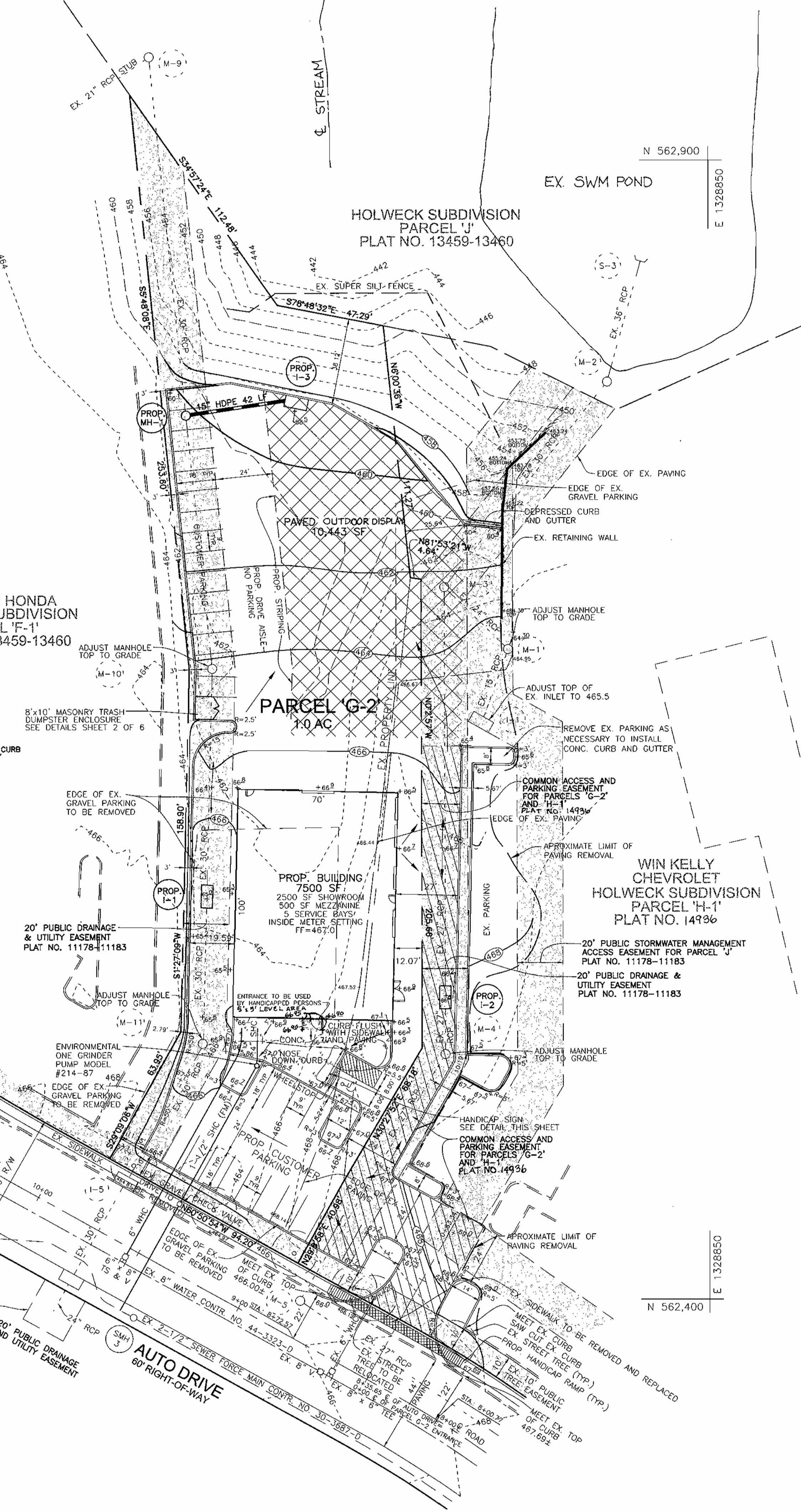
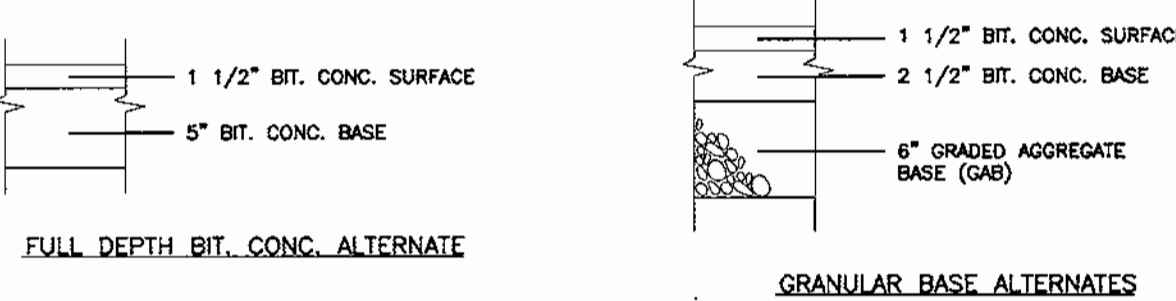
CONCRETE WHEEL STOP
NOT TO SCALE



STANDARD COMBINATION CURB AND GUTTER
HOWARD COUNTY STANDARD R-3.01
NOT TO SCALE

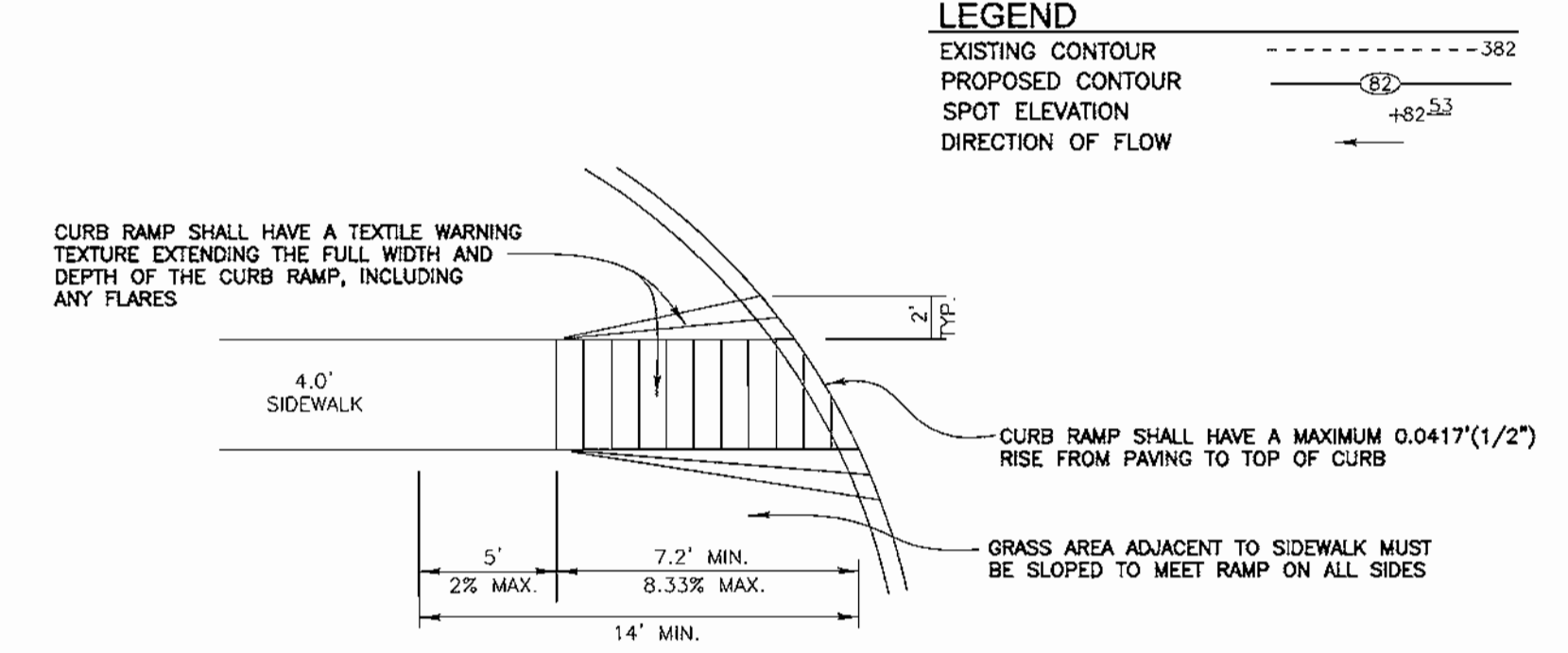
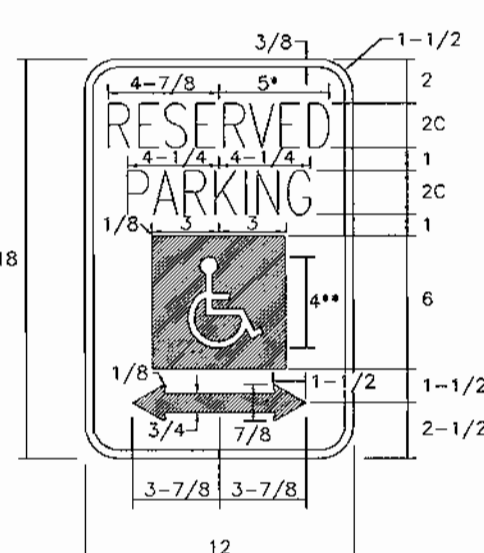


P-2 LIGHT DUTY PAVING SECTION
N.T.S.

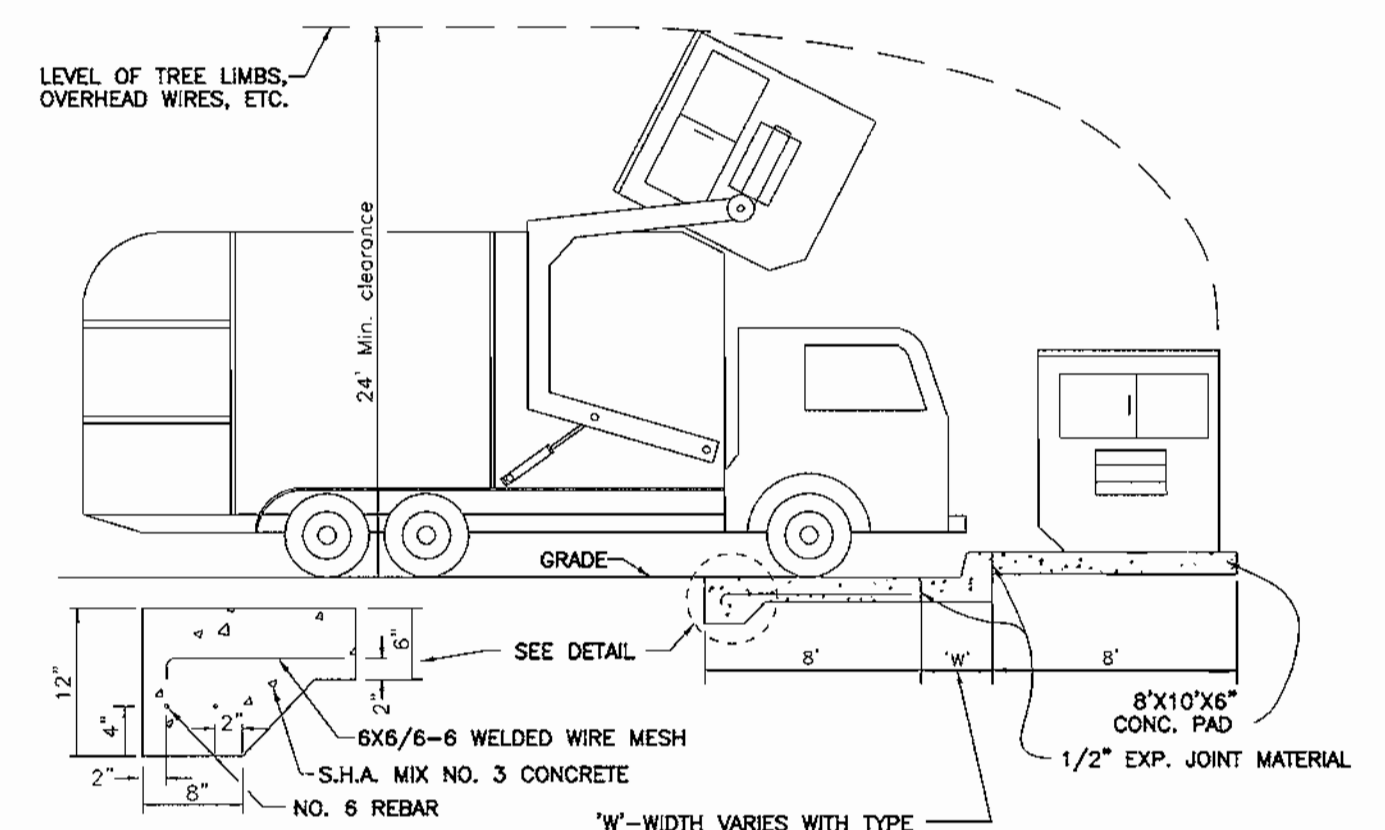


* REDUCE SPACING 50%
** SEE SYMBOL 1860 FOR SYMBOL DESIGN (ALL DIMENSIONS FOR SIGN IN INCHES)
COLORS:
LEGEND AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND - WHITE
REFERENCE: STATE OF MARYLAND STANDARD HIGHWAY SIGNS BOOKLET MARYLAND DEPARTMENT OF TRANSPORTATION.

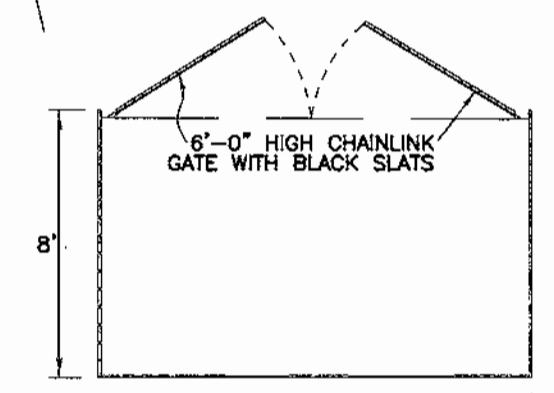
HANDICAP PARKING SIGN
NOT TO SCALE



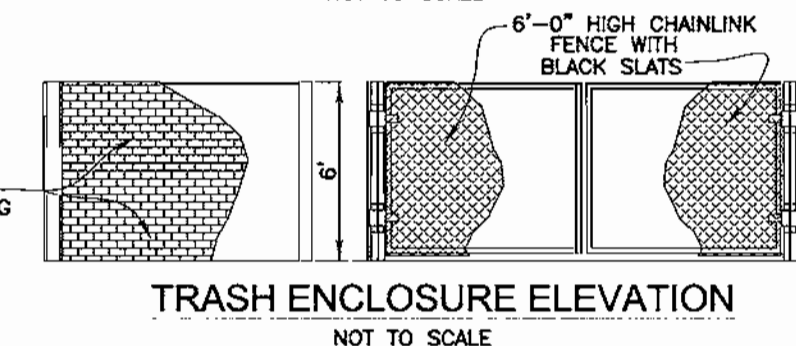
HANDICAP RAMP
NOT TO SCALE



SOLID WASTE SERVICE PAD
HOWARD COUNTY STD. R 11.01
NOT TO SCALE



TRASH ENCLOSURE PLAN
NOT TO SCALE



TRASH ENCLOSURE ELEVATION
NOT TO SCALE

OWNER/DEVELOPER

KEVIN BELL
c/o WIN KELLY CHEVROLET/GENO
12421 AUTO DRIVE
CLARKSVILLE, MARYLAND 21029
(410) 988-9522

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Michael Damann 9/20/01
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
Andy Rasmussen 10/26/01
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
James R. Smith 10/10/01
DIRECTOR DATE

NO.	REVISION	DATE

ADDRESS CHART
STREET ADDRESS
12421 AUTO DRIVE
CLARKSVILLE, MARYLAND 21029

SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER
HOLWECK	N/A	G-2

PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELECT. DIST.	CENSUS TR.
1493b	6	B-2	34	5TH	6051

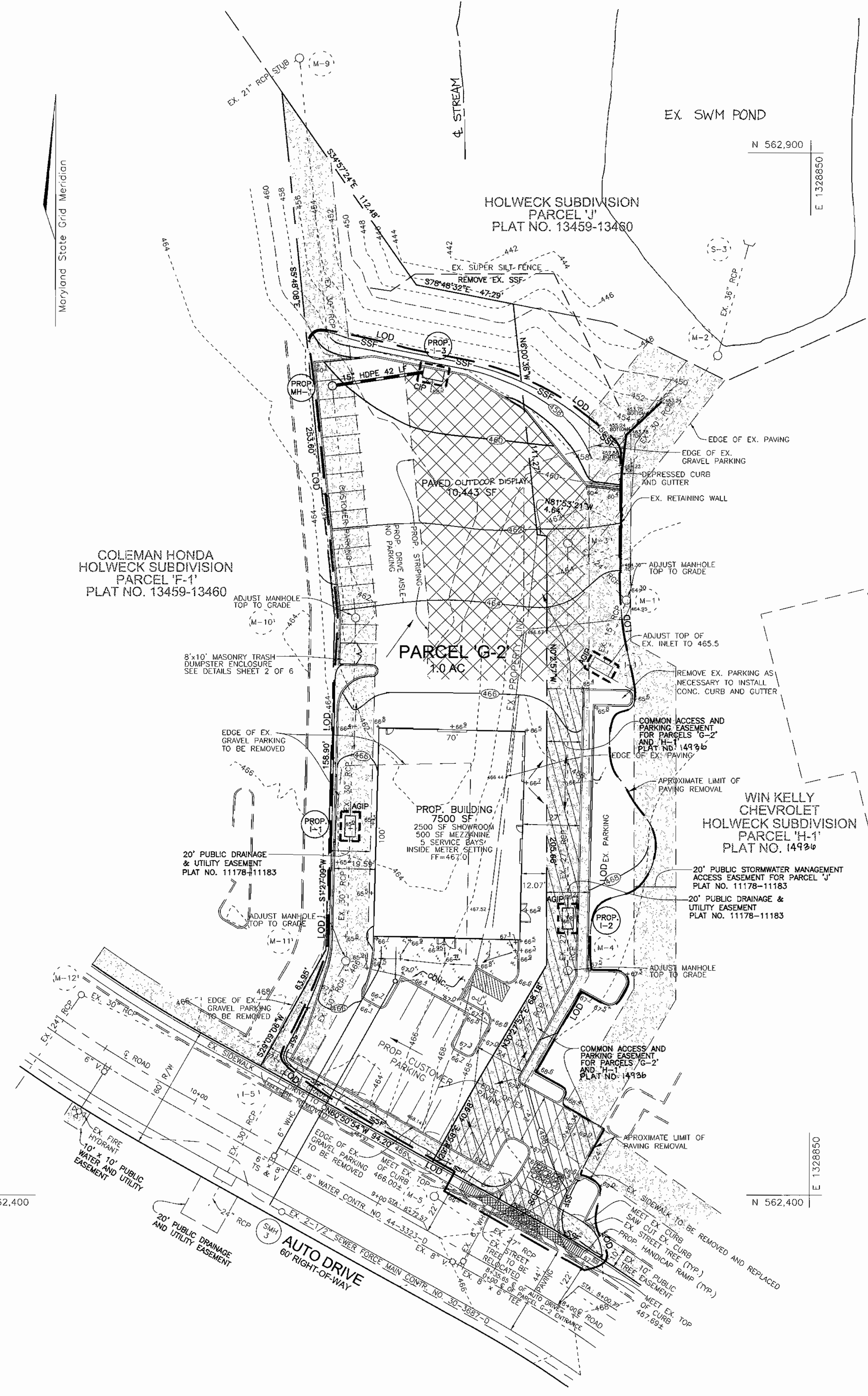
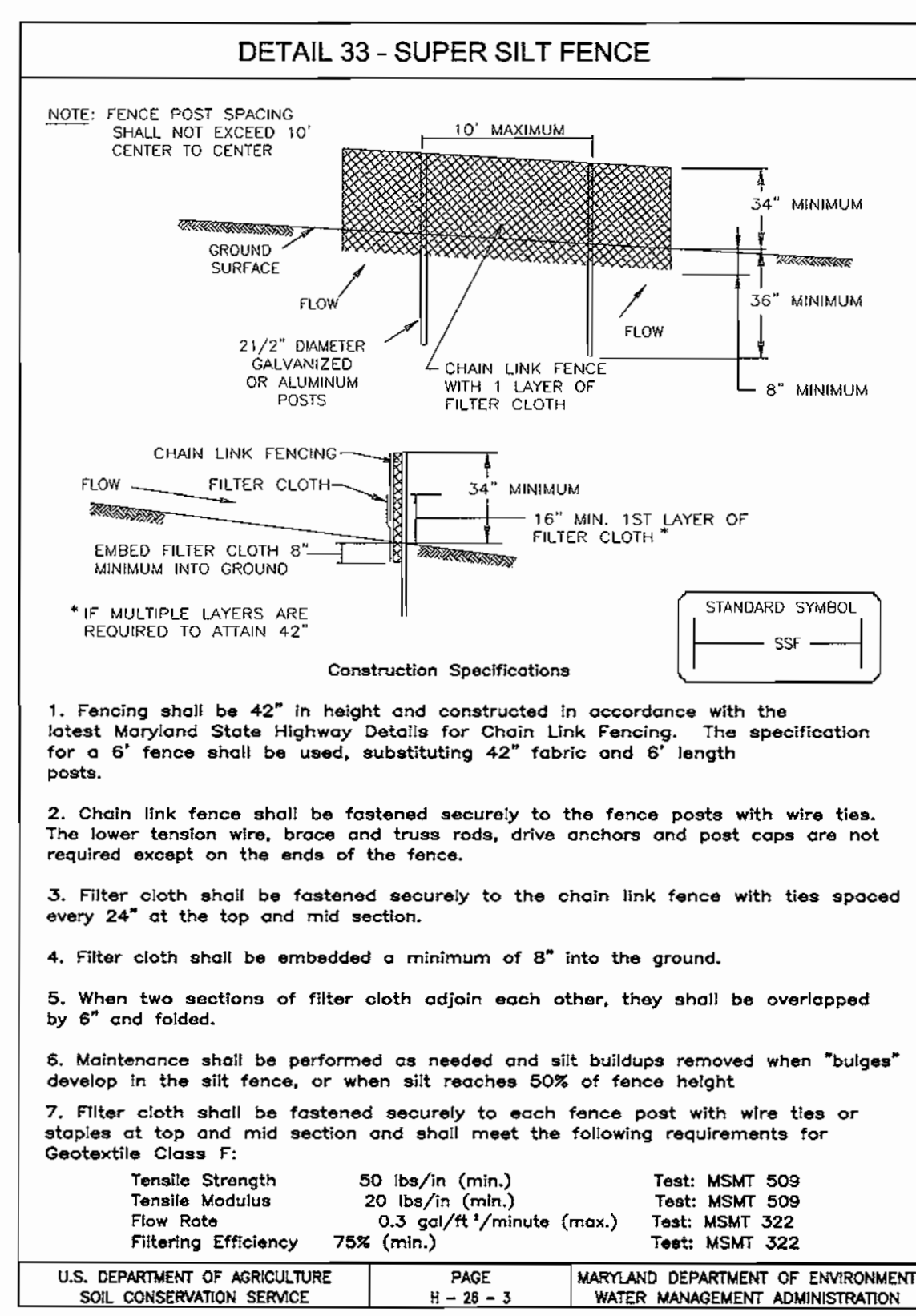
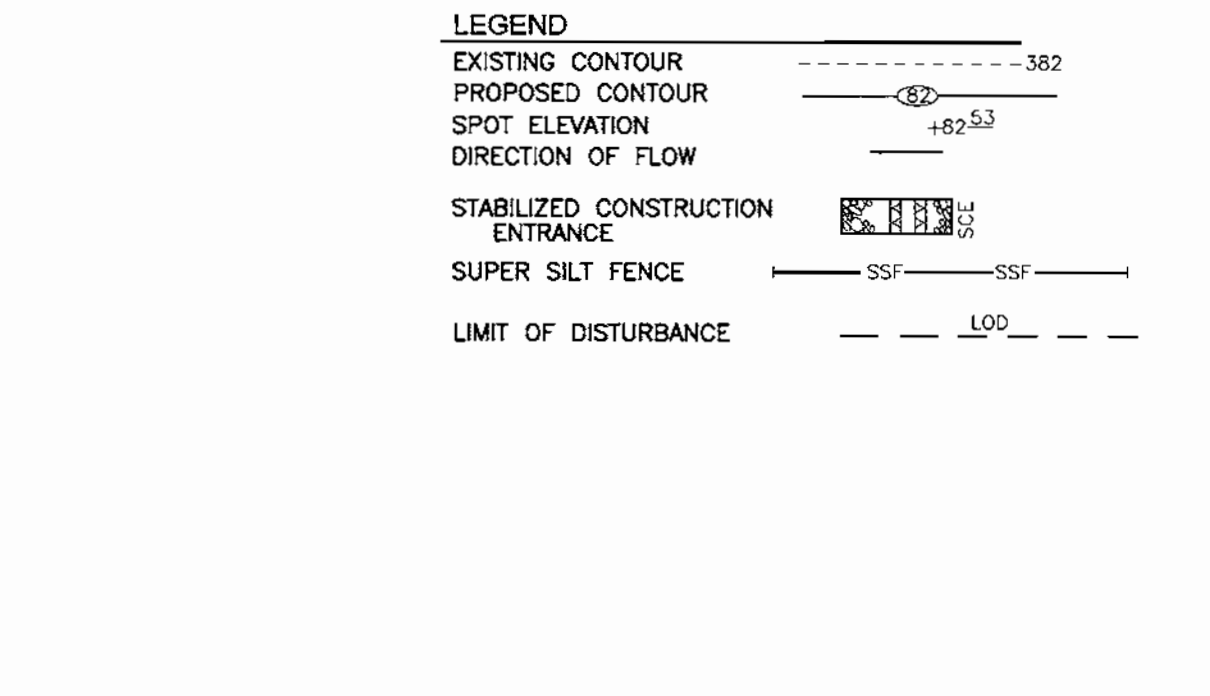
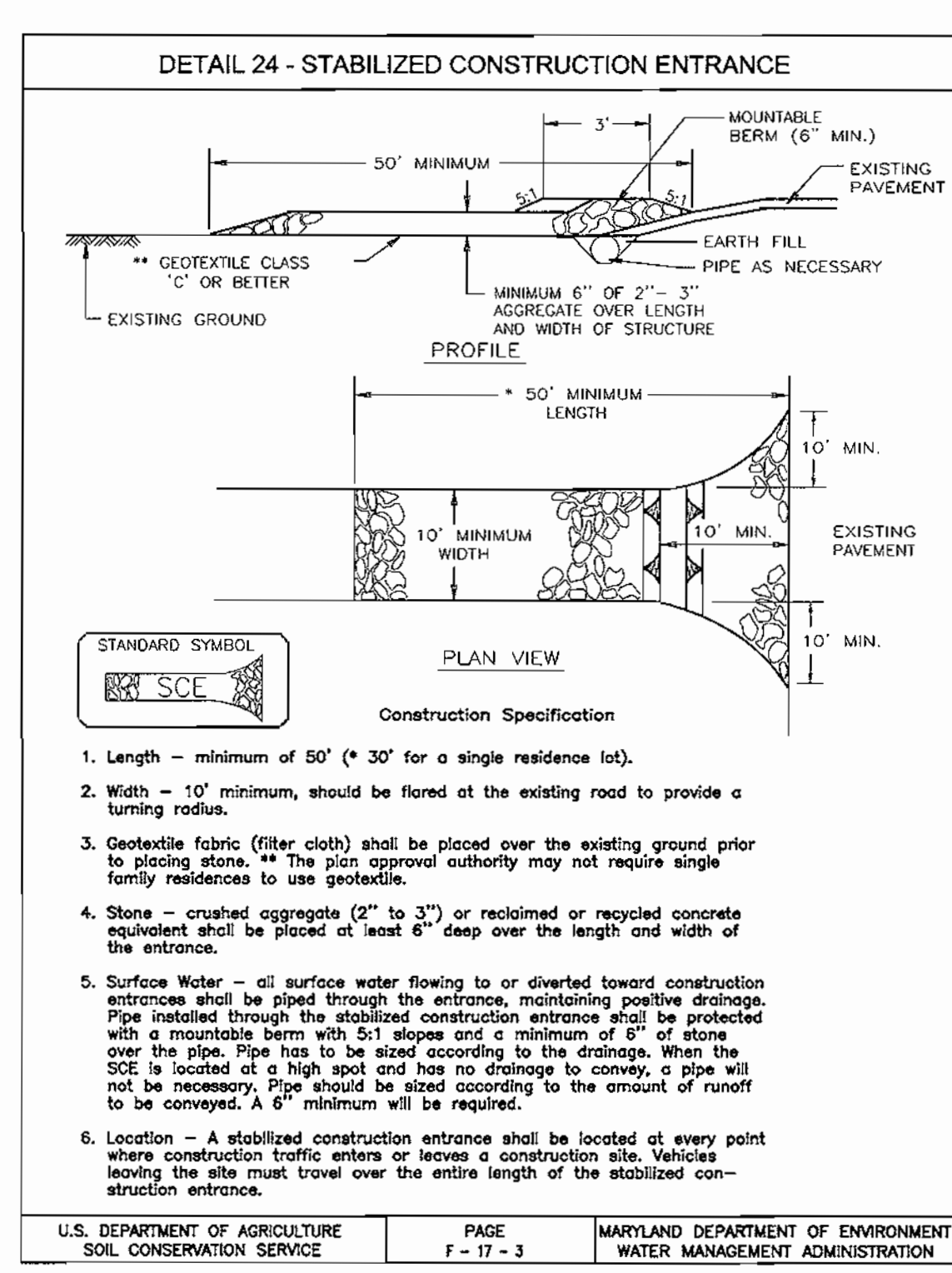
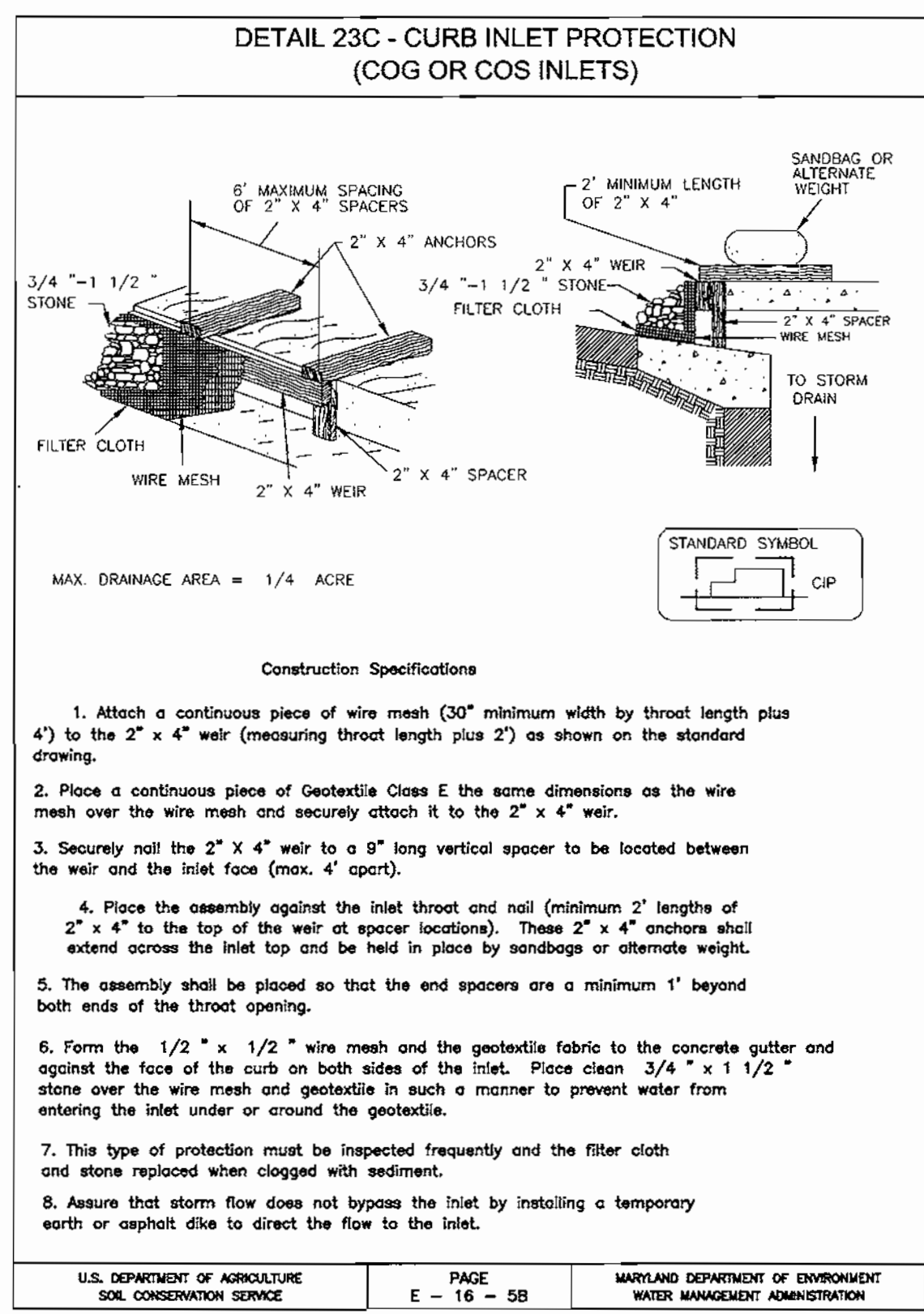
WATER CODE : 110 SEWER CODE : 6653000

SITE DEVELOPMENT PLAN AND DETAILS
KIA DEALERSHIP
PARCEL 'G-2' HOLWECK SUBDIVISION
TAX MAP 34 BLOCK 6 PARCEL 'G-2'
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
REFERENCE: F-02-23

FREDERICK WARD ASSOCIATES, INC.
ENGINEERS 7125 Riverwood Drive Columbia, Maryland 21046-2354
ARCHITECTS Phone: 410-290-9550 Fax: 410-720-6226
SURVEYORS Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

DESIGN BY: RHW
DRAWN BY: CMH
CHECKED BY: RHW
DATE: SEPT. 5, 2001
SCALE: 1"=30'
W.O. NO.: 2019158.0

2 SHEET OF 6



REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

Jim Mungas 9/20/01 DATE

USDA-NATURAL RESOURCES CONSERVATION SERVICE

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

Kevin M. Bell 9/20/01 DATE

HOWARD SCD

ENGINEERS CERTIFICATE

I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION 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.

Robert H. Vogel 9/20/01 DATE

SIGNATURE OF ENGINEER ROBERT H. VOGEL

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.

Kevin M. Bell 9/20/01 DATE

SIGNATURE OF DEVELOPER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chris Demaree 9/27/01 DATE

CHIEF, DEVELOPMENT ENGINEERING DIVISION

Chris Demaree 10/5/01 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT

James S. Smith 10/10/01 DATE

DIRECTOR

NO.	REVISION	DATE

ADDRESS CHART

12431 AUTO DRIVE

CLARKSVILLE, MARYLAND 21029

SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER
HOLWECK	N/A	G-2

PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELECT. DIST.	CENSUS TR.
1493b	6	B-2	34	5TH	6051

WATER CODE : 110 SEWER CODE : 6653000

GRADING & SEDIMENT AND EROSION CONTROL PLAN

KIA DEALERSHIP

PARCEL 'G-2' HOLWECK SUBDIVISION

TAX MAP 34 BLOCK 6 5TH ELECTION DISTRICT REFERENCE: F-02-23

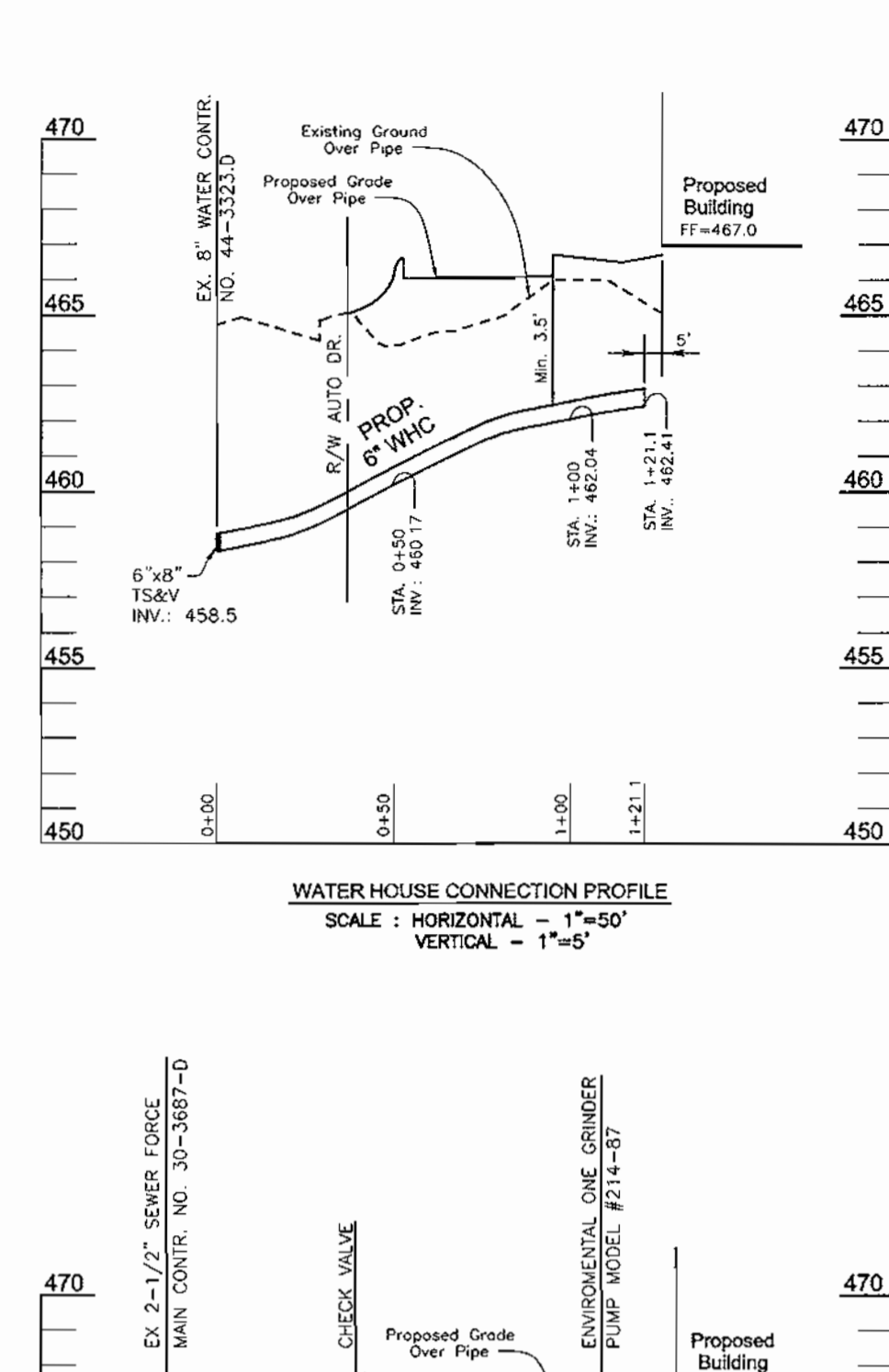
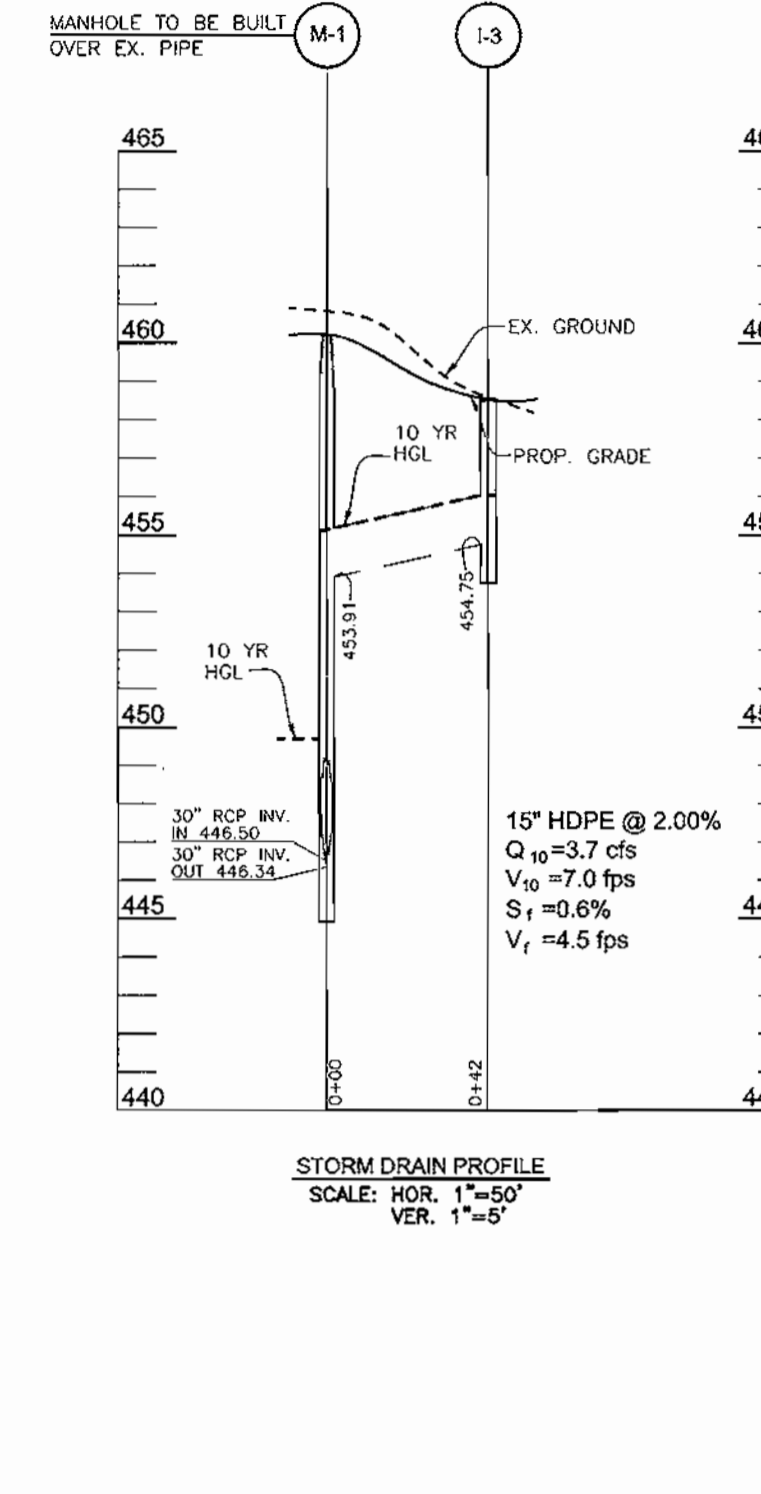
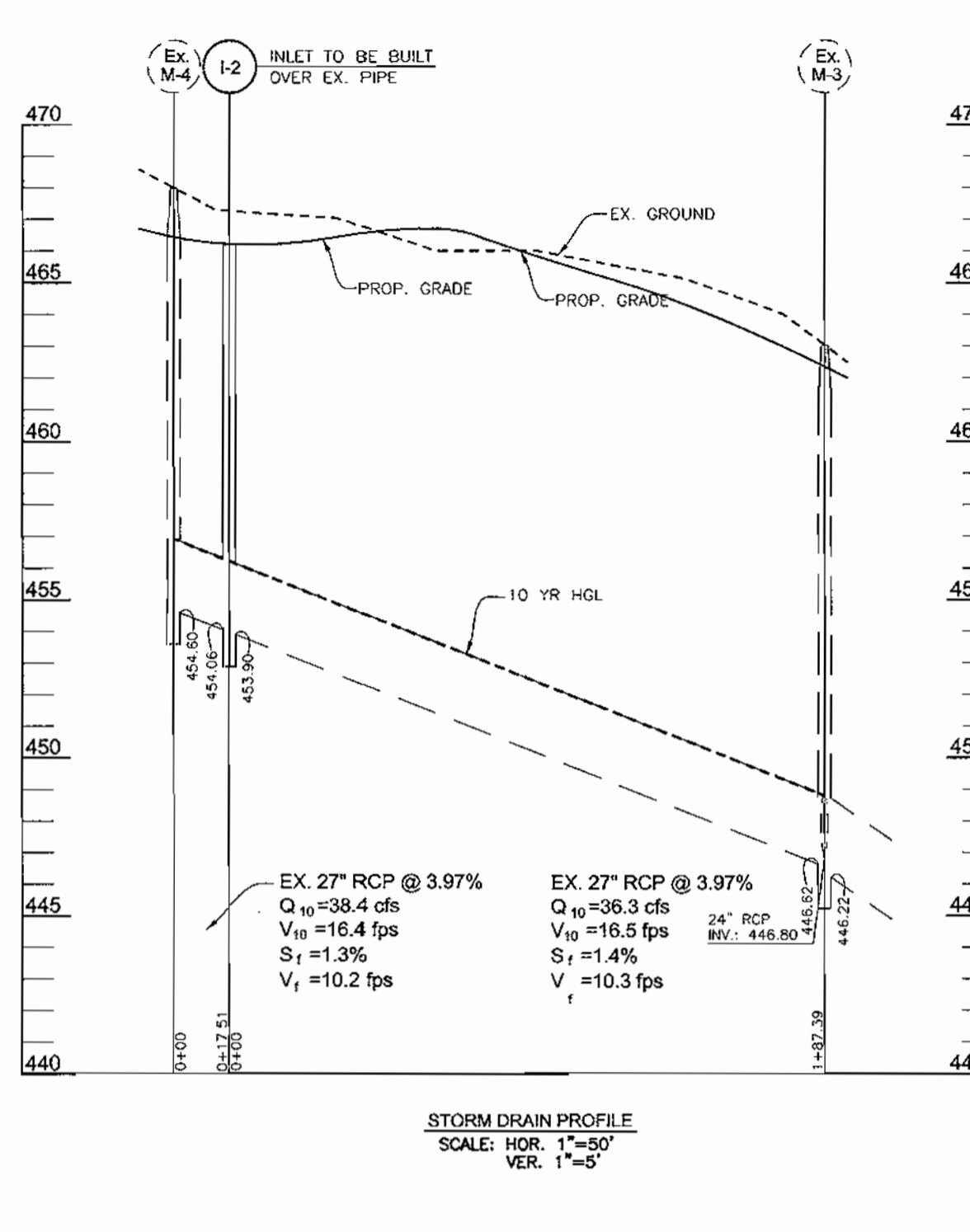
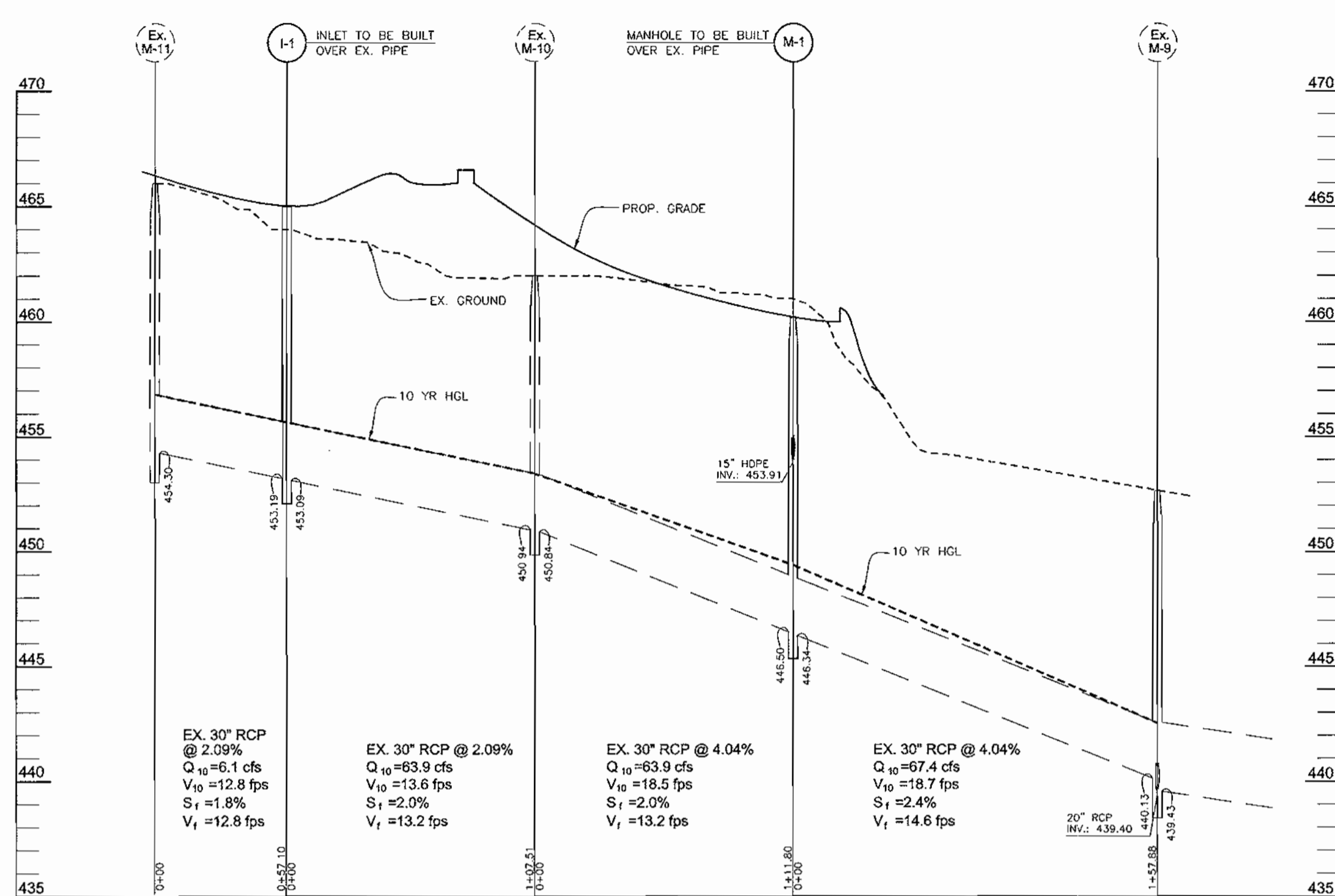
PARCEL 'G-2' HOWARD COUNTY, MARYLAND

FREDERICK WARD ASSOCIATES, INC.

ENGINEERS 7125 Riverwood Drive Columbia, Maryland 21046-2354
 ARCHITECTS Phone: 410-290-9550 Fax: 410-720-6226
 SURVEYORS Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

DESIGN BY: RHW
 DRAWN BY: CMH
 CHECKED BY: RHW
 DATE: SEPT. 5, 2001
 SCALE: 1"=30'
 W.O. NO.: 2019158.0

3 SHEET OF 6



21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL

Definition
Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

Purpose
To provide a suitable soil medium for vegetable growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.

Conditions Where Practice Applies

- This practice is limited to areas having 2:1 or flatter slopes where:
 - The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
 - The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
 - The original soil to be vegetated contains material toxic to plant growth.
 - The soil is so acidic that treatment with limestone is not feasible.
- For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.

Construction and Material Specifications

- Topsoil salvaged from the existing site may be used provided that it meets the standards set forth in these 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 Experiment Station.
- Topsoil Specifications - Soil to be used as topsoil must meet the following:
 - 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 than 1 and 1/2" in diameter.
 - Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, johnsongrass, nutsedge, poison ivy, thistle, or others as specified.
 - Where the subsoil is either highly acidic or composed of heavy clay, 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 the soil in conjunction with tillage operations as described in the following procedures.
- For sites having disturbed areas under 5 acres:
 - Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.

PIPE SCHEDULE

SIZE	TYPE	LENGTH
15"	HDPE	42LF

STRUCTURE SCHEDULE

NO.	TYPE	LOCATION	TOP ELEV.	INV. IN	INV. OUT	REMARKS
I-1	DOUBLE TYPE 'S' INLET	N 562,577 E 1328630	465.0	453.19	453.09	SD 4.23*
I-2	DOUBLE TYPE 'S' INLET	N 562,533 E 1328734	466.0	454.06	453.90	SD 4.23*
I-3	DOUBLE TYPE 'S' COMBO. INLET	N 562,794 E 1328870	459.1	454.75	454.34	SD 4.34
M-1	5'-0" STD. MANHOLE	N 562,788 E 1328622	460.2	448.50/453.91	446.34	SD 6.13**

*SEE DETAIL THIS SHEET FOR MODIFIED NON-TERMINAL TYPE INLET
**USE WITH HOWARD COUNTY STD. DETAIL 05.14

NOTE: 1. TOP ELEVATIONS ARE TO THE CENTER OF THE STRUCTURE AT TOP OF CURB FOR TYPE 'S' COMB. INLETS, TOP OF MANHOLE COVER FOR MANHOLE, AND TOP OF GRATE FOR DOUBLE TYPE INLETS.
2. FOR TOP SLAB SLOPES SEE GRADING PLAN.
3. MODIFY INLET AS REQUIRED FOR PIPE GEOMETRY AND SIZE.
4. CONSTRUCT I-1, I-2, AND MH-1 OVER AND CONNECT TO EXISTING STORM DRAIN PIPE.

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, disking or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following schedules:

- Preferred-Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq.ft.) and 800 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 (10 lbs./1000 sq.ft.)
- Acceptable-Apply 2 tons per acre dolomitic 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 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 (.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 soil. Option (3) Seed with 50 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.

TEMPORARY SEEDING NOTES

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: Apply 800 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 bushels per acre of annual ryegrass (3.2 lbs./1000 sq.ft.) For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (0.7 gal/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 seed.

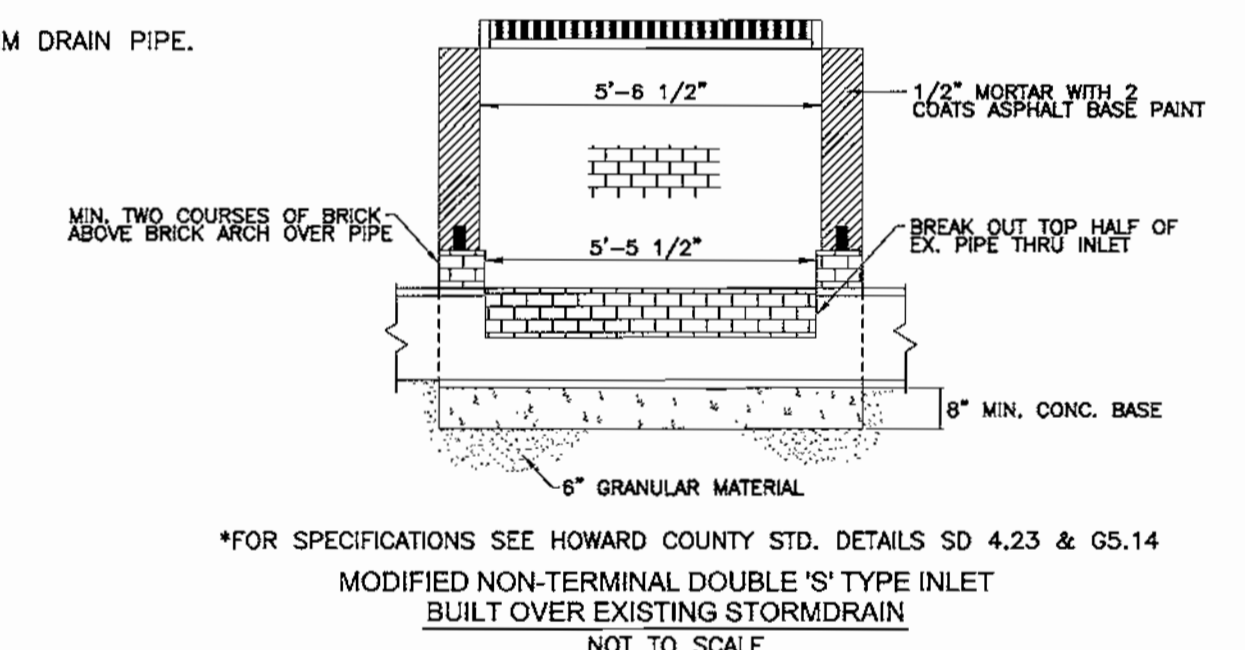
MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq.ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, 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.

SEDIMENT CONTROL NOTES

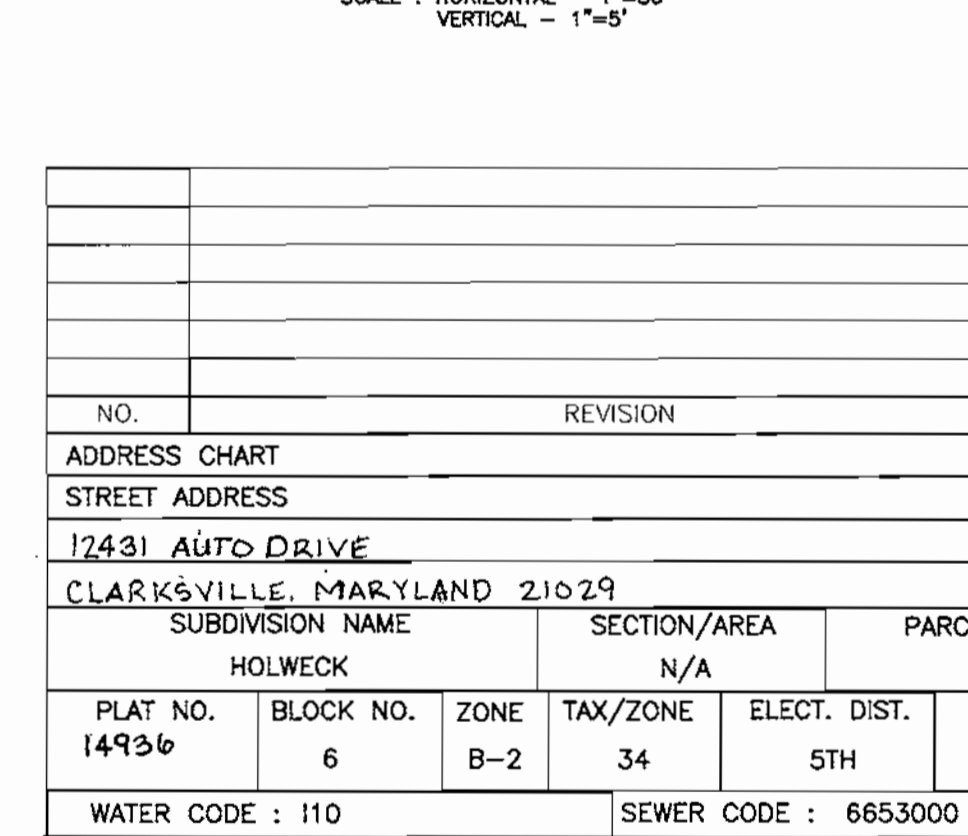
- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Permits Sediment Control Division prior to the start of any construction (313-1855).
 - All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, and revisions thereto.
 - 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 shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7, HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
 - 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.
 - 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	1.0 AC
Area Disturbed	1.2 AC
Area to be roofed or paved	0.85 AC
Area to be vegetatively stabilized	0.35 AC
Total Cut	100 CY
Total Fill	1500 CY
Offsite waste/borrow area location	TO BE DETERMINED*
 - 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 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 shall be back-filled and stabilized within one working day, whichever is shorter.
- * To be determined by contractor, with pre-approval of the Sediment Control Inspector with an approved and active grading permit



MODIFIED NON-TERMINAL DOUBLE 'S' TYPE INLET BUILT OVER EXISTING STORM DRAIN NOT TO SCALE

SEWER HOUSE CONNECTION PROFILE



STORM DRAIN PROFILES & SEDIMENT AND EROSION CONTROL DETAILS

KIA DEALERSHIP

PARCEL 'G-2' HOLWECK SUBDIVISION
TAX MAP 34 BLOCK 6
5TH ELECTION DISTRICT
REFERENCE: F-0-2-23

FREDERICK WARD ASSOCIATES, INC.
7125 Riverwood Drive Columbia, Maryland 21046-2354
Phone: 410-290-9550 Fax: 410-720-6226
Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

DESIGN BY: RHW
DRAWN BY: CMH
CHECKED BY: RHW
DATE: SEPT. 5, 2001
SCALE: AS SHOWN
W.O. NO.: 2019158.0

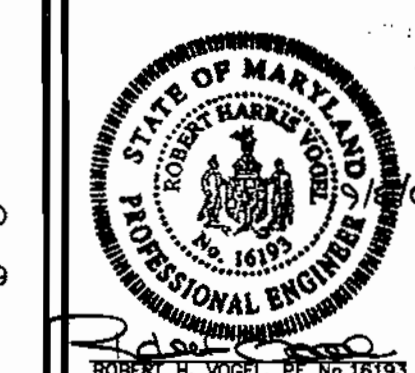
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
CHIEF, DEVELOPMENT ENGINEERING DIVISION
CHIEF, DIVISION OF LAND DEVELOPMENT
DIRECTOR

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.
DATE: 9/20/01
DATE: 10/5/01
DATE: 10/10/01
SIGNATURE OF DEVELOPER: Robert H. Vogel

ENGINEERS CERTIFICATE
I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION 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.
DATE: 9/20/01
DATE: 9/20/01
SIGNATURE OF ENGINEER: Robert H. Vogel

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS
USDA-NATURAL RESOURCES CONSERVATION SERVICE
DATE: 9/20/01
DATE: 9/20/01

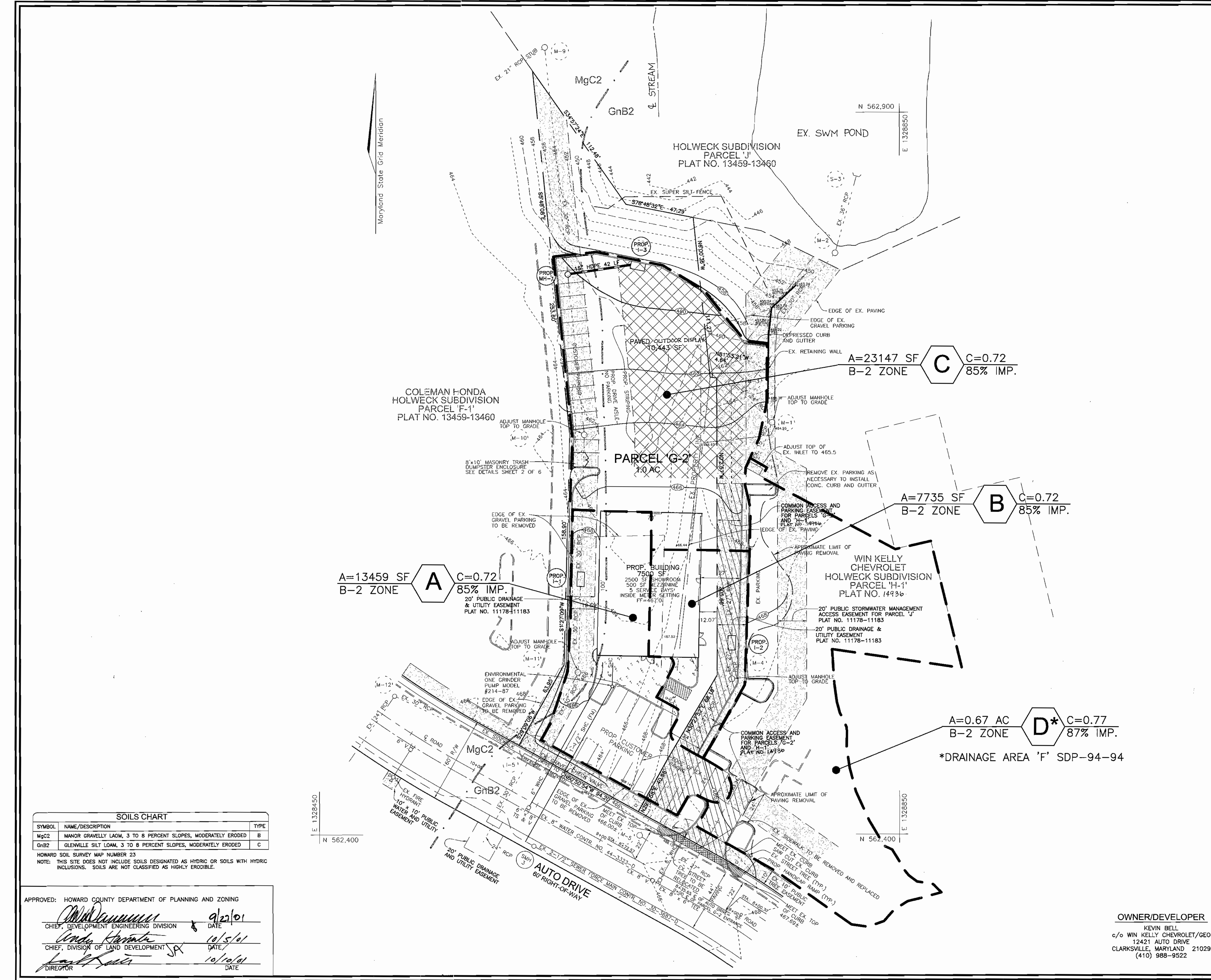
OWNER/DEVELOPER
KEVIN BELL
c/o WIN KELLY CHEVROLET/GEO
12421 AUTO DRIVE
CLARKSVILLE, MARYLAND 21029
(410) 988-9522



LEGEND

EXISTING CONTOUR
PROPOSED CONTOUR
SPOT ELEVATION
DIRECTION OF FLOW

SOILS DMDE
DRAINAGE DIVDE



NO.	REVISION	DATE

ADDRESS CHART
STREET ADDRESS
12431 AUTO DRIVE
CLARKSVILLE MARYLAND 21029

PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELECT. DIST.	CENSUS TR.
14936	6	B-2	34	5TH	6051

WATER CODE : 110 SEWER CODE : 6653000

SOILS AND STORM DRAIN DRAINAGE AREA MAP
KIA DEALERSHIP
PARCEL 'G-2' HOLWECK SUBDIVISION

TAX MAP 34 BLOCK 6 PARCEL 'G-2'
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 REFERENCE: F-02-23

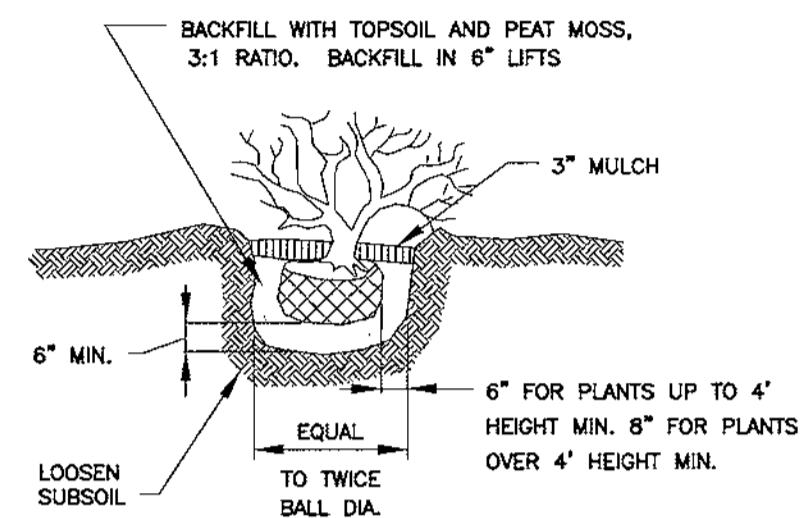
FREDERICK WARD ASSOCIATES, INC.
 ENGINEERS 7125 Riverwood Drive Columbia, Maryland 21046-2354
 ARCHITECTS Phone: 410-290-9550 Fax: 410-720-6226
 SURVEYORS Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

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DESIGN BY: RHV
 DRAWN BY: CMH
 CHECKED BY: RHV
 DATE: SEPT. 5, 2001
 SCALE: 1"=30'
 W.O. NO.: 2019158.0

5 SHEET OF 6

SDP 02-001



SHRUB PLANTING DETAIL

NOT TO SCALE

SCHEDULE B PARKING LOT INTERNAL LANDSCAPING	
NUMBER OF PARKING SPACES	31
NUMBER OF TREES REQUIRED: 1/20	1
+ ISLANDS REQUIRED: 1/20	1
NUMBER OF TREES PROVIDED	1
NUMBER OF ISLANDS PROVIDED	2

LANDSCAPE SCHEDULE				
KEY	QUAN.	BOTANICAL NAME	SIZE	REM.
T	32	TAXUS CUSPIDATA "NANA" DWARF JAPANESE YEW	24"-36" HT.	B & B OR CONT.
FP	5	FRAXINUS PENNSYLVANICA "PATMORE" PATMORE GREEN ASH	2 1/2"-3" CAL.	B & B

SCHEDULE A PERIMETER LANDSCAPE EDGE			
CATEGORY	ADJACENT TO ROADWAYS	ADJACENT TO PERIMETER PROPERTIES	
PERIMETER/FRONTAGE DESIGNATION	E	N/A	
LANDSCAPE TYPE	1	N/A	
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	127	N/A	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET DESCRIBE BELOW IF NEEDED)	NO	N/A	
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET DESCRIBE BELOW IF NEEDED)	NO	N/A	
NUMBER OF PLANTS REQUIRED			
SHADE TREES	1:40 3	--	
EVERGREEN TREES	1:4 32	--	
NUMBER OF PLANTS PROVIDED			
SHADE TREES	3	--	
EVERGREEN TREES	--	--	
OTHER TREES (2:1 SUBSTITUTION)	--	--	
SHRUBS (10:1 SUBSTITUTION)	32	--	
DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED			

GENERAL NOTES

- EXISTING STREET TREE ALONG AUTO DRIVE TO BE RELOCATED AS NOTED.
- ONE REQUIRED SHADE TREE FOR THE TYPE "E" BUFFER RELOCATED IN PARKING LOT DUE TO STREET TREES AT ROAD FRONTAGE.
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING MUST BE POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF \$2,460.00 FOR 5 SHADE TREES, AND 32 SHRUBS.

DEVELOPER'S/BUILDER'S CERTIFICATE

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING 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(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

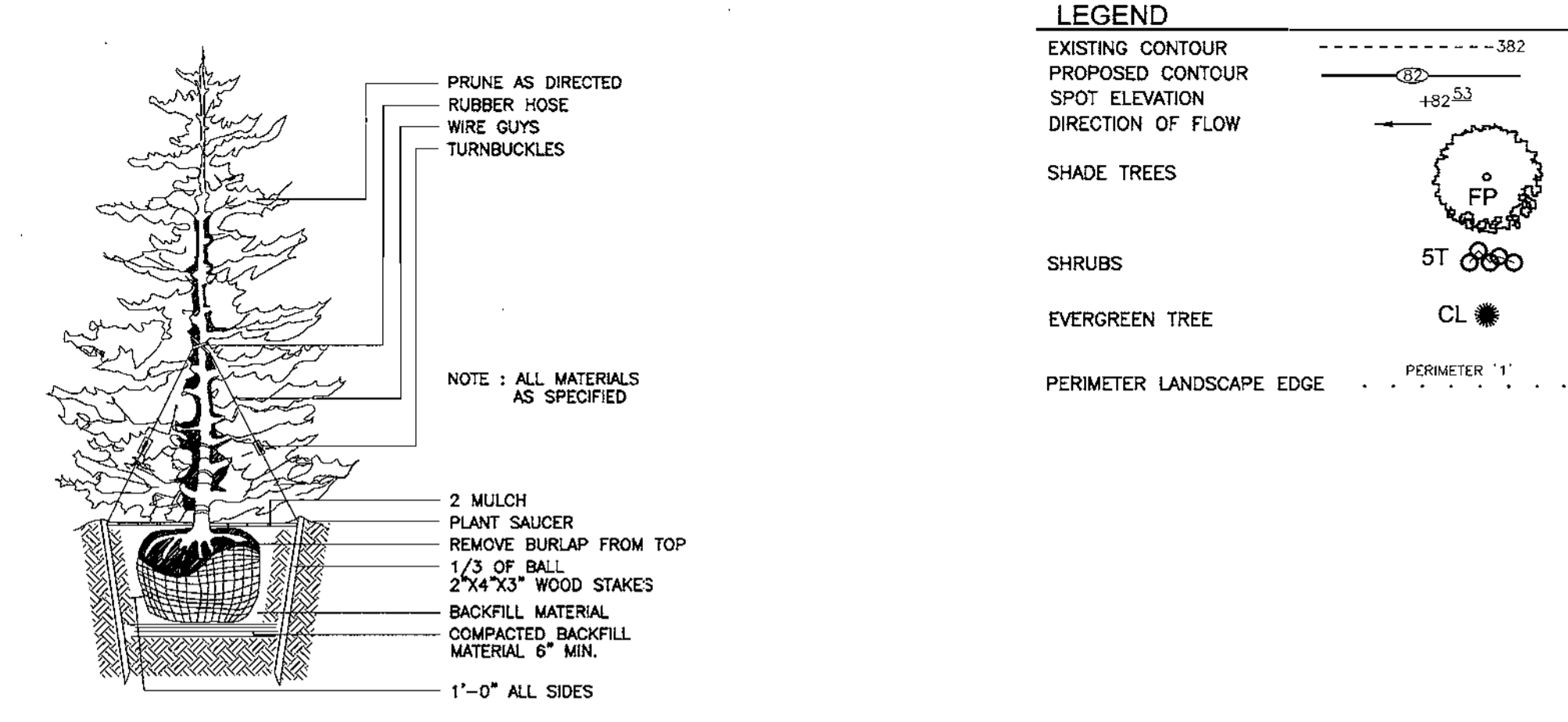
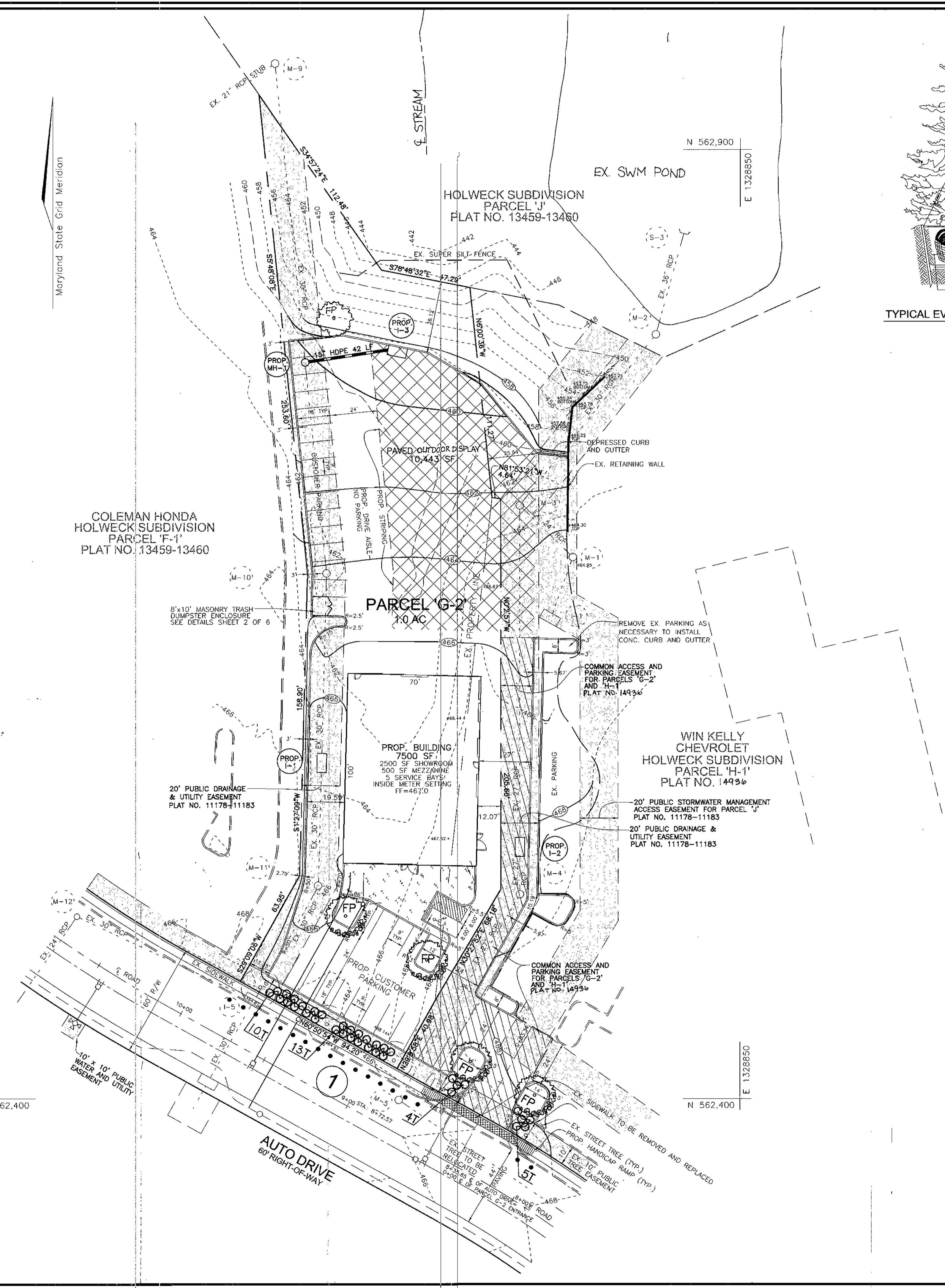
Kevin M. Bell 9/5/01
SIGNATURE OF DEVELOPER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Mr. [Signature] 9/2/01
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Chris Hampton 10/5/01
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

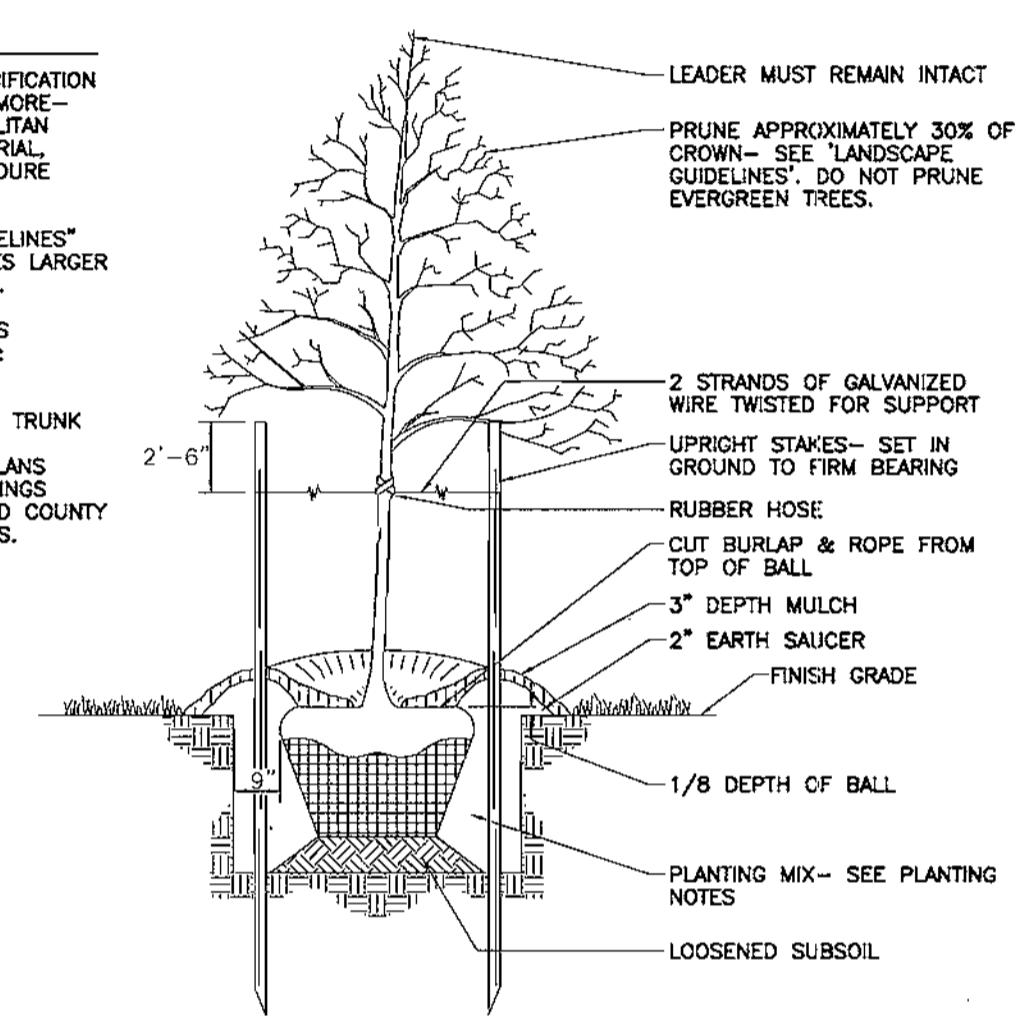
[Signature] 10/10/01
DIRECTOR DATE



TYPICAL EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE

NOTES

- SEE "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS" FOR ALL MATERIAL, PRODUCT, AND PROCEDURE SPECIFICATIONS.
- SEE "LANDSCAPE GUIDELINES" FOR SUPPORTING TREES LARGER THAN 2-1/2" CALIPER.
- PLACE UPRIGHT STAKES PARALLEL TO WALKS & BUILDINGS.
- KEEP MULCH 1" FROM TRUNK
- SEE ARCHITECTURAL PLANS FOR ADDITIONAL PLANTINGS WHICH EXCEED HOWARD COUNTY MINIMUM REQUIREMENTS.



TREE PLANTING AND STAKING
DECIDUOUS TREES UP TO 2-1/2" CALIPER
NOT TO SCALE

NO.	REVISION	DATE

ADDRESS CHART
STREET ADDRESS
12431 AUTO DRIVE
CLARKSVILLE, MARYLAND 21029

SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER
HOLWECK	N/A	G-2

PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELECT. DIST.	CENSUS TR.
14936	6	B-2	34	5TH	6051

WATER CODE : 110 SEWER CODE : 6653000

LANDSCAPE PLAN
KIA DEALERSHIP
PARCEL 'G-2' HOLWECK SUBDIVISION

TAX MAP 34 BLOCK 6 PARCEL 'G-2'
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
REFERENCE: F-02-23

FREDERICK WARD ASSOCIATES, INC.
ENGINEERS 7125 Riverwood Drive Columbia, Maryland 21046-2354
ARCHITECTS Phone: 410-290-9550 Fax: 410-720-6226
SURVEYORS Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

OWNER/DEVELOPER
KEVIN BELL
c/o WIN KELLY CHEVROLET/Geo
12421 AUTO DRIVE
CLARKSVILLE, MARYLAND 21029
(410) 988-9522

DESIGN BY: RHY
DRAWN BY: CMH
CHECKED BY: RHY
DATE: SEPT. 5, 2001
SCALE: 1"=30'
W.D. NO.: 2019158.0

6 SHEET OF 6