

GENERAL NOTES:

- TOTAL SITE AREA: 100,223 S.F. = 2.3008 AC.
- TOTAL NUMBER OF LOTS: 1 (PARCEL A-1)
- PRESENT ZONING: B-2
- ELECTION DISTRICT: 2ND
- TAX MAP 24, GRID 6, PARCEL 1096
- PARKING:
 - REQUIRED FOR VEHICLE SERVICE ESTABLISHMENT: 3.0 SPACES PLUS 3.0 SPACES PER SERVICE BAY
 - EXISTING (FOR 12 SERVICE BAYS): 39 SPACES (INCLUDING 2 HANDICAP SPACES)
 - PROPOSED (FOR 27 SERVICE BAYS): 84 SPACES (INCLUDING 4 HANDICAP SPACES)
TOTAL REQUIRED: (3.0) + (3.0 x 27 SERVICE BAYS) = 84 SPACES
PROPOSED (FOR BLDG. ADDITION ONLY): 84 (TOTAL) - 39 (EXIST.) = 45 SPACES
- BUILDING USE: AUTO SERVICE CENTER
- OWNER: CAREY AND JANE PIEKARSKI
3420 ELLICOTT CENTER DRIVE
ELLICOTT CITY, MARYLAND 21043
(410) 418-4600
- SITE ADDRESS: 3420 ELLICOTT CENTER DRIVE
ELLICOTT CITY, MARYLAND 21043
- DPZ FILE REFERENCES: SDP-83-09, B.A. CASE NO. 95-63V, F-83-07, BA-00-13V
- REFERENCE VARIANCE BOARD OF APPEALS BOA CASE NO. 00-13V APPROVED NOVEMBER 16, 2000 TO REDUCE THE 30 FOOT STRUCTURE AND USE SETBACK FROM A PUBLIC STREET RIGHT-OF-WAY TO 10 FEET FROM RIDGE ROAD AND 14.74 FEET FROM ELLICOTT CENTER DRIVE. PERMIT MUST BE OBTAINED BY NOVEMBER 16, 2002 AND WORK MUST BE SUBSTANTIALLY COMPLETED BY NOVEMBER 16, 2003.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE LOCATION AND ELEVATIONS OF THE EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION, AND DEPTH OF EXISTING UTILITIES IN THE WORK AREA AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING FREDERICK WARD ASSOC., INC. AT (410) 720-8800 IN THE EVENT OF ANY DISCREPANCIES ON THE PLAN OR IN THE RELATIONSHIP OF EXISTING GRADES WITH PROPOSED GRADES PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL NOTE THAT IN THE CASE OF A DISCREPANCY BETWEEN A SCALED DIMENSION AND A FIGURED DIMENSION SHOWN ON THE PLANS, THE FIGURED DIMENSION SHALL GOVERN.
- IT SHALL BE DISTINCTLY UNDERSTOOD THAT THE FAILURE TO MENTION SPECIFICALLY WORK THAT WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT, SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM SUCH WORK.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST 5 WORKING DAYS PRIOR TO BEGINNING WORK:
 - HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION (410) 313-1880
 - MESS UTILITY (AT LEAST 48 HRS PRIOR TO ANY EXCAVATION): 1-800-257-7777
 - VERIZON 725-9976
 - HOWARD COUNTY BUREAU OF UTILITIES 313-2358
 - AT&T CABLE LOCATION DIVISION 393-3553
 - B&E 685-0123
 NOTIFY HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION AT LEAST 48 HOURS PRIOR TO START (313-1855)
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS, UNLESS STATED OTHERWISE.
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- THE PURPOSE OF THIS SITE DEVELOPMENT PLAN IS TO CONSTRUCT A BUILDING ADDITION AND RELATED SITE AMENITIES AND INFRASTRUCTURE.
- STORM WATER MANAGEMENT QUANTITY CONTROL IS PROVIDED BY THE EXISTING STORM WATER MANAGEMENT FACILITY CONSTRUCTED UNDER SDP-83-09. WATER QUALITY IS PROVIDED BY A STORMCEPTOR IN ACCORDANCE WITH THIS PLAN.
- SECTION 404 OF THE MD DEPARTMENT OF NATURAL RESOURCES DOES NOT APPLY NOR ARE ANY WETLANDS PERMITS REQUIRED FOR THIS PROJECT.
- PUBLIC WATER AND SEWER WILL BE UTILIZED. A WATER METER SHALL BE LOCATED WITHIN THE BUILDING AND WILL MEET ALL HOWARD COUNTY STANDARDS. PROPOSED ON-SITE WATER AND SEWER SHALL BE PUBLIC.
- EXISTING WATER AND SEWER ARE PUBLIC AND ARE SHOWN PER CONTRACTS NO. 651-D AND 14-1092-D.
- TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ALL SITE LIGHTING MUST BE DIRECTED AWAY FROM THE ADJACENT PUBLIC RIGHT-OF-WAY AND THE ADJACENT RESIDENTIAL PROPERTIES AND COMPLY WITH THE REQUIREMENTS OF ZONING SECTION 134.
- CONTRACTOR SHALL CONTACT THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING CONSTRUCTION INSPECTION DIVISION AT LEAST FIVE (5) WORKING DAYS IN ADVANCE OF THE COMMENCEMENT OF WORK AT (410) 313-1880.
- NO FLOODPLAIN IS LOCATED ON THE SITE.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM A FIELD RUN SURVEY WITH TWO FOOT CONTOUR INTERVALS PREPARED BY FREDERICK WARD ASSOCIATES, INC. DATED JANUARY, 2002.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATION SYSTEM. HOWARD COUNTY BENCHMARKS NO. 24C2, 25A1 AND 25A2 WERE USED FOR THIS PROJECT.
- A TRAFFIC STUDY HAS BEEN PREPARED FOR THIS PROJECT BY THE TRAFFIC GROUP, DATED 01/29/02.
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$9,210.00.
- THIS PROJECT IS EXEMPT FROM FOREST CONSERVATION REQUIREMENTS AS DESCRIBED IN SECTION 18.1202 OF THE COUNTY CODE BECAUSE THE LIMIT OF DISTURBANCE DOES NOT EXCEED THAT OF THE PREVIOUSLY APPROVED SDP-83-09 DATED 03-24-83.
- SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINEER TO CONFIRM ACCEPTABILITY OF PROPOSED PAVING SECTION, BASED ON SOIL TEST.
- REFERENCE DEVELOPMENT ENGINEERING DIVISION NUMBER TO ALLOW 35' CURB FILLET RADIUS (DESIGN MANUAL VOLUME III, SECTION 2.6.3) APPROVED AUGUST 28, 2002.

SITE DEVELOPMENT PLAN

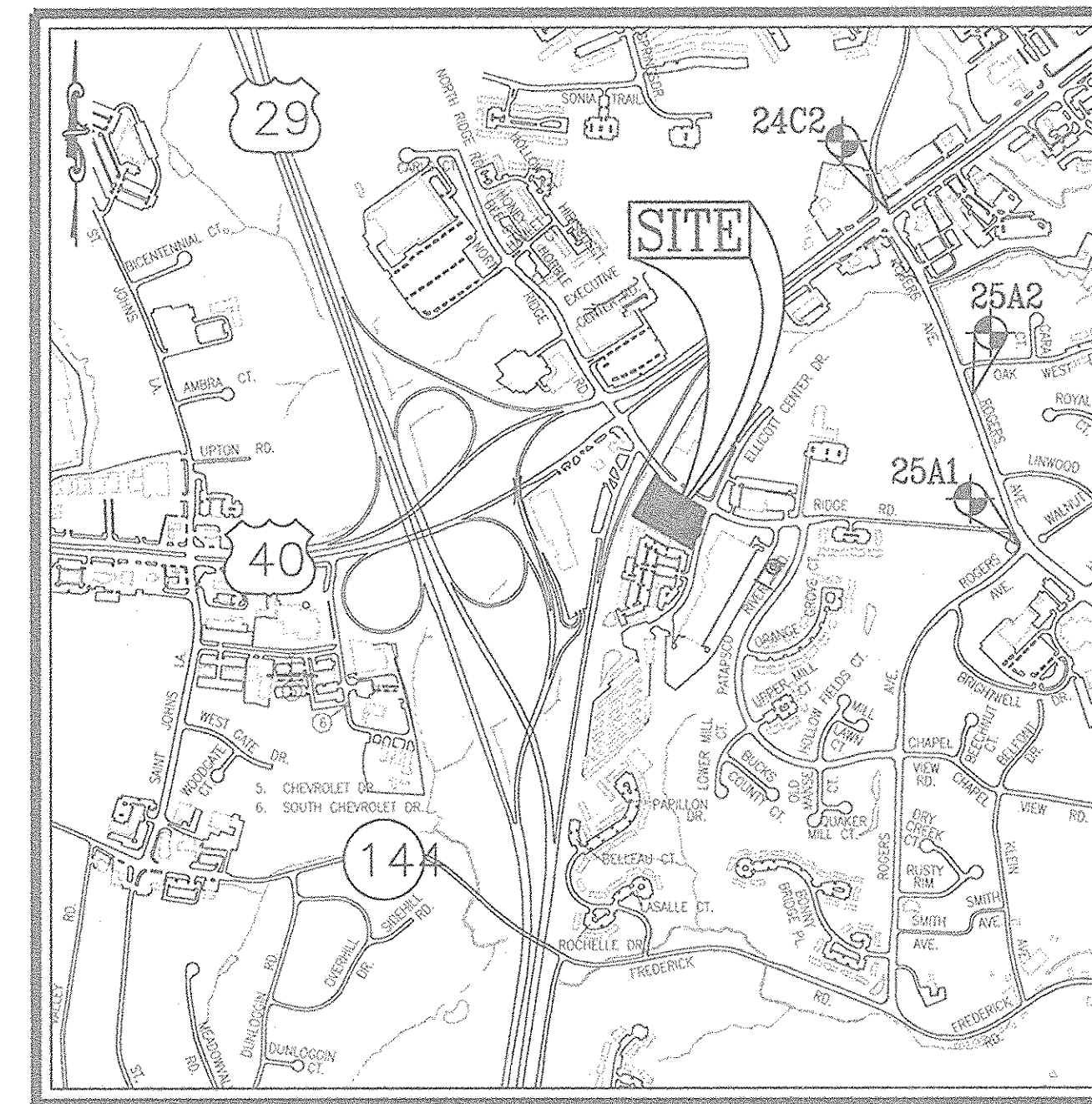
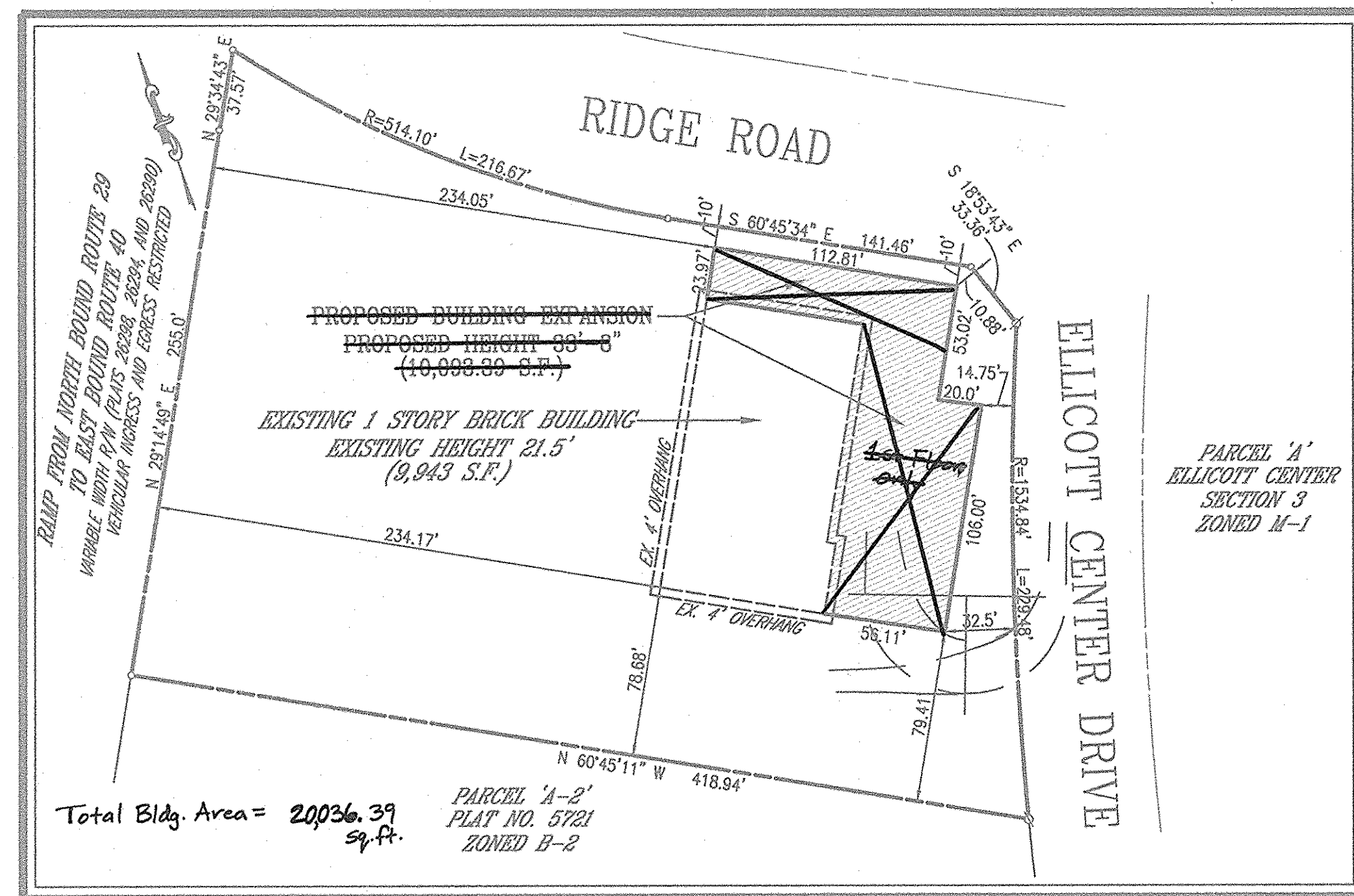
PIES AUTO BODY EXPANSION

PARCEL 1096, LOT A-1

ELLICOTT CENTER, SECTION 2

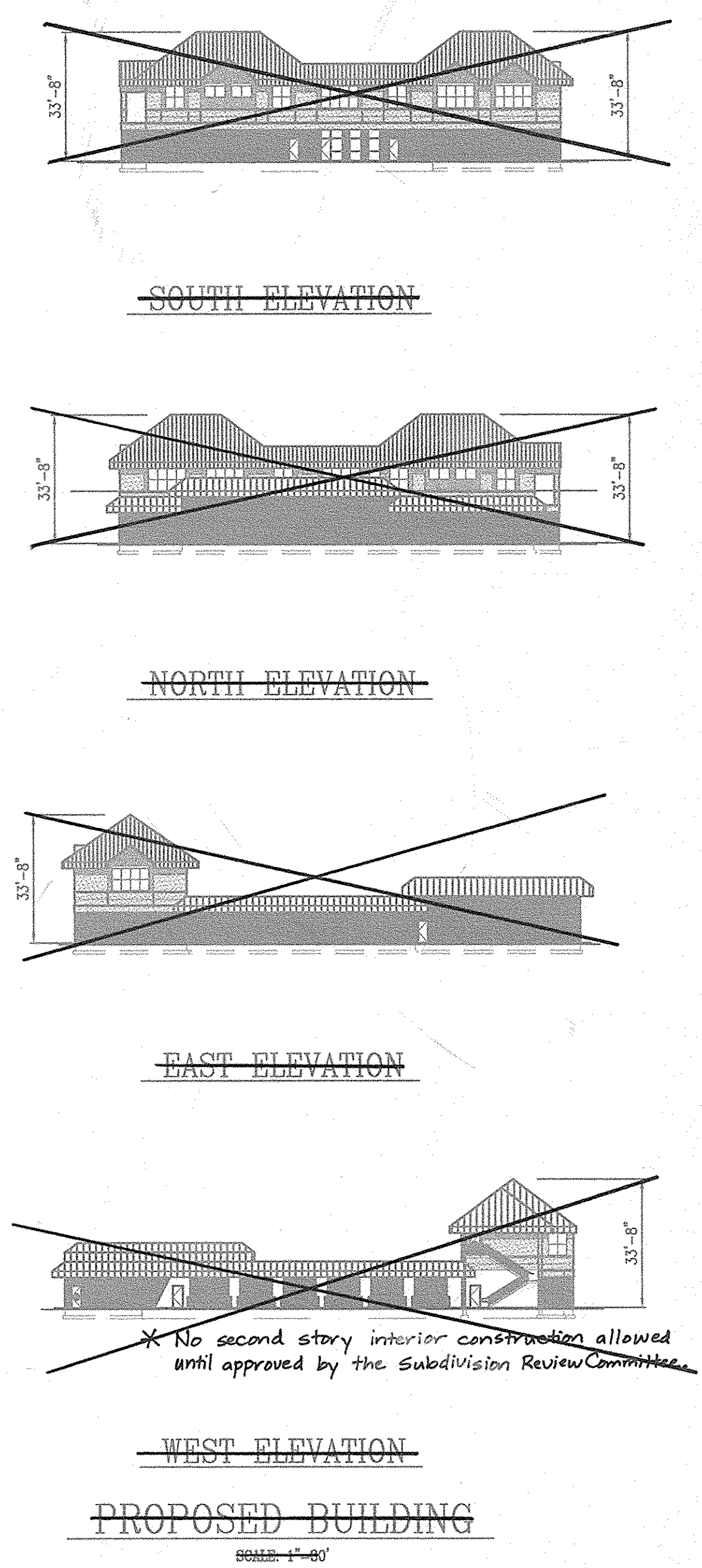
2ND ELECTION DISTRICT

HOWARD COUNTY, MARYLAND



BENCHMARKS:

HOWARD COUNTY BENCH MARK NO. 24C2 (ALSO 3243002)	ELEV. 354.760
CONCRETE MONUMENT LOCATED IN THE MEDIAN OF RTE. 40, AT THE INTERSECTION OF ROGERS AVENUE, 5.5' SOUTH OF LEFT TURN LANE OF RTE. 40 WEST	N 527,899.2 E 853,620.2
HOWARD COUNTY BENCH MARK NO. 25A1 (ALSO 3243011)	ELEV. 387.09
CONCRETE MONUMENT LOCATED NEAR THE INTERSECTION OF ROGERS AVENUE AND COURTHOUSE DRIVE, ADJACENT TO CUL-DE-SAC, 11.3' FROM STREET SIGN	N 525,808.2 E 854,429.2
HOWARD COUNTY BENCH MARK NO. 25A2 (ALSO 3243012)	ELEV. 348.89
CONCRETE MONUMENT LOCATED ALONG ROGERS AVENUE NEAR OAK WEST DRIVE, 32.5' FROM CORNER OF PICKET FENCE, 6.2' FROM MH, 72.3' FROM UTILITY POLE	N 526,753.8 E 854,138.5



**PROP. BUILDING ADDITION
PLAN VIEW**
SCALE: 1"=60'

LOCATION MAP
SCALE: 1"=1000'

OWNER/DEVELOPER
CAREY AND JANE PIEKARSKI
3420 ELLICOTT CENTER DRIVE
ELLICOTT CITY, MD 21043
(410) 418-4600

DATE	NUMBER	REVISION DESCRIPTIONS
2/2/08	1	DELETE BUILDING ADDITION & PARKING EXPANSION

TITLE SHEET

PIES AUTO BODY EXPANSION

ELLICOTT CENTER, SECTION 2, PARCEL A-1

TAX MAP #24, GRID #6, PARCEL 1096
2ND ELECTION DISTRICT, 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: KO
DRAWN BY: KO
CHECKED BY: RHW
DATE: JUNE 26, 2002
SCALE: (AS SHOWN)
W.O. NO.: 2014061.00

REF: SDP-83-09

1 SHEET OF 5

SHEET INDEX

DESCRIPTION	SHEET NO.
TITLE SHEET	1 OF 5
SITE GRADING, UTILITY, AND SEDIMENT & EROSION CONTROL PLAN	2 OF 5
SEDIMENT AND EROSION CONTROL NOTES AND DETAILS	3 OF 5
MISCELLANEOUS NOTES AND DETAILS	4 OF 5
SITE LANDSCAPE AND LIGHTING PLAN, NOTES AND DETAILS	5 OF 5

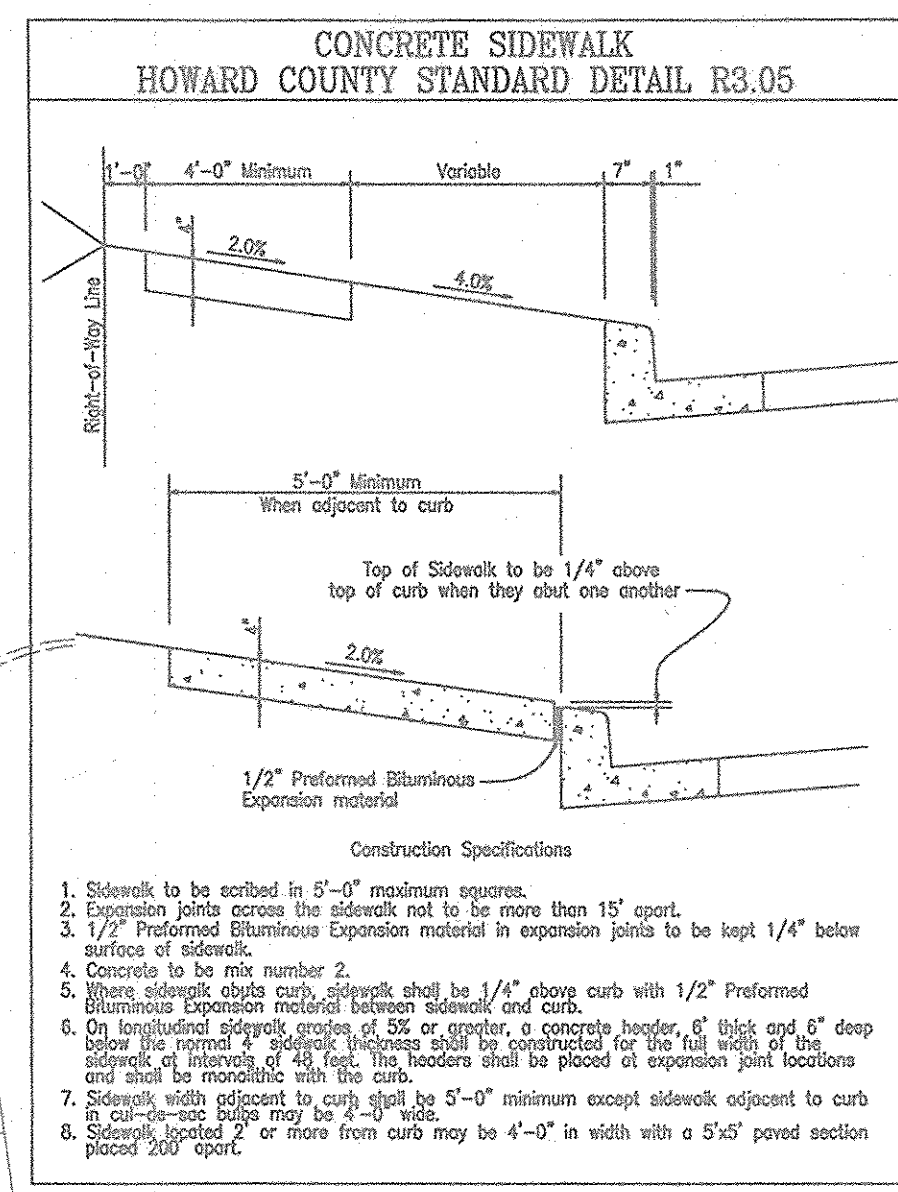
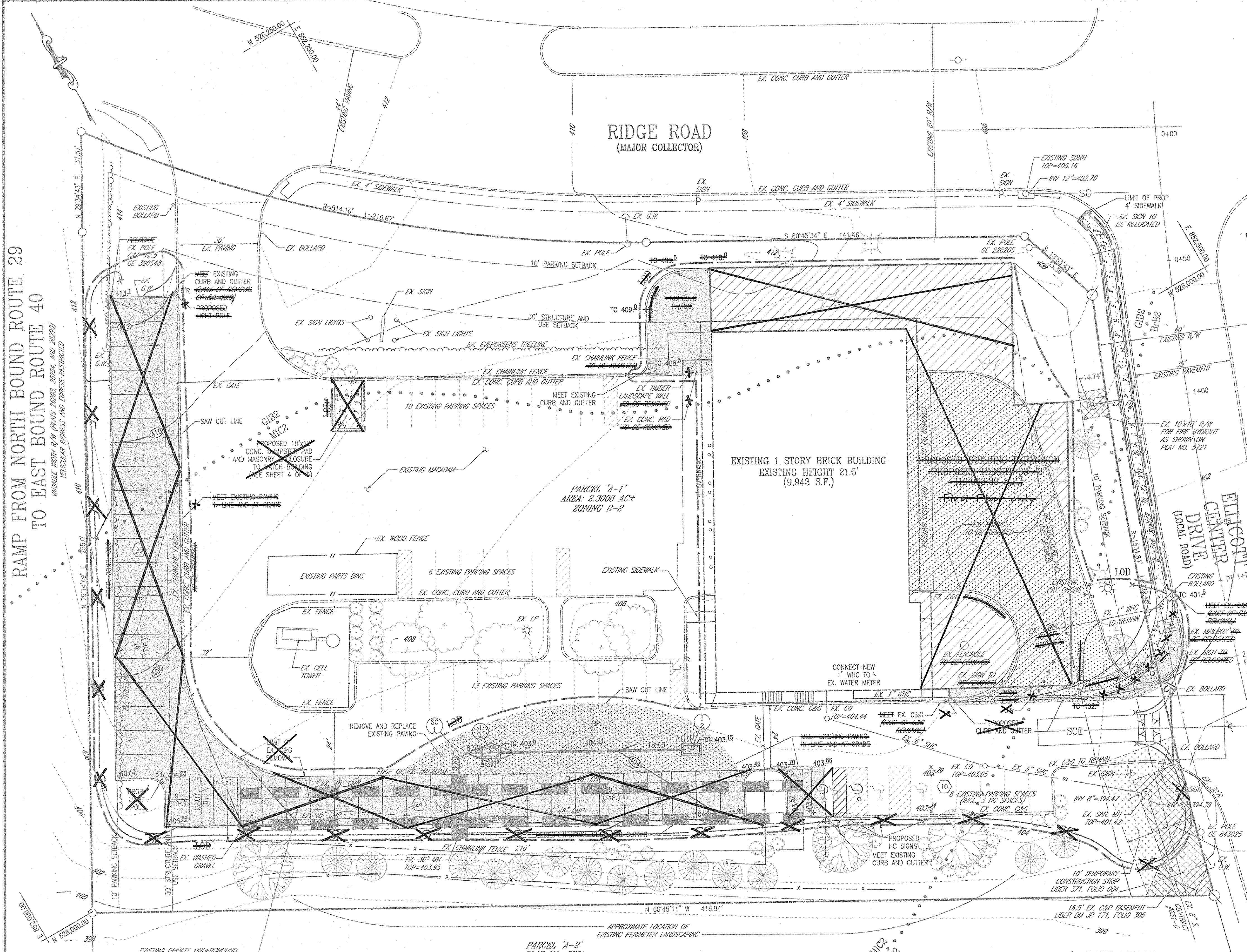
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 11/12/02
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 11/13/02
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

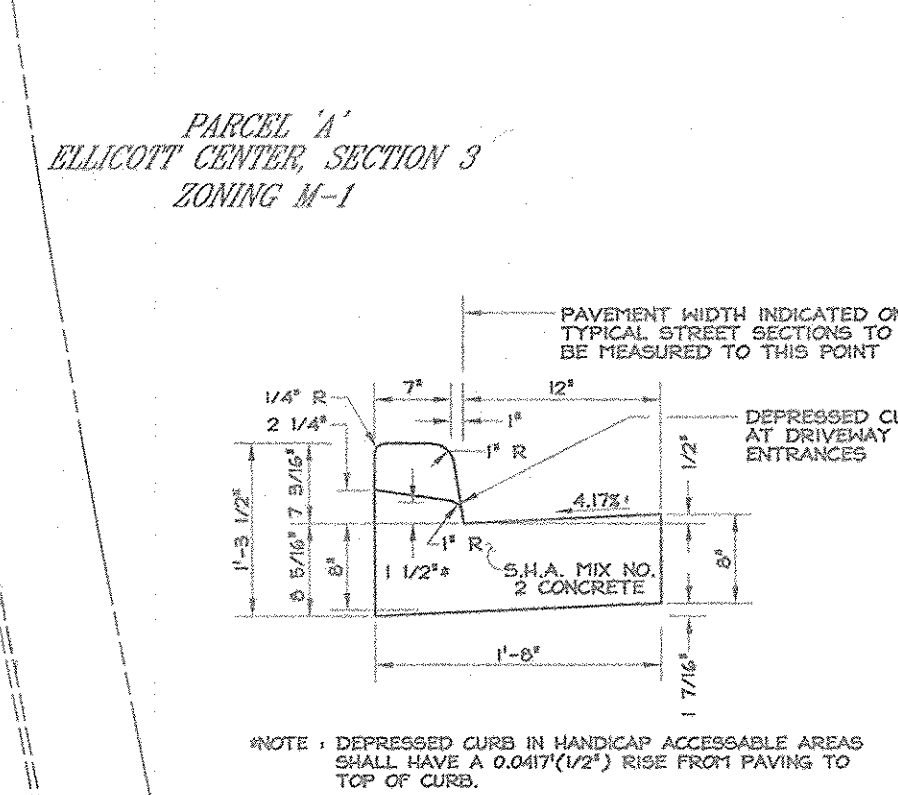
[Signature] 11/13/02
DIRECTOR DATE

RAMP FROM NORTH BOUND ROUTE 29 TO EAST BOUND ROUTE 40



LEGEND:

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- EXISTING GUY WIRE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING MAILBOX
- EXISTING SIGN
- EXISTING BOLLARD
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY LINE
- EXISTING CLEANOUT
- EXISTING FIRE HYDRANT
- EXISTING WATER LINE
- EXISTING SD MANHOLE
- EXISTING STORM DRAIN
- EXISTING TREES (FIELD LOCATED)
- EXISTING TREELINE (FIELD LOCATED)
- EXISTING VEGETATION (APPROXIMATE LOCATION)
- EXISTING FENCE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- SOILS BOUNDARY
- SITE FENCE
- SUPER SITE FENCE
- LIMIT OF DISTURBANCE
- EXISTING PAVING TO BE REMOVED AND REPLACED
- PROPOSED P-2 PAVING
- PROPOSED BUILDING ADDITION



SOILS CHART

SYMBOL	NAME/DESCRIPTION	TYPE
B#2	BRANDYWINE LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	C
G#2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
MIC2	MANOR LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B

HOWARD SOIL SURVEY MAP NUMBER 16.
NOTE: THIS SITE DOES NOT INCLUDE SOILS DESIGNATED AS HYDRIC OR SOILS WITH HYDRIC INCLUSIONS. SOILS ARE NOT CLASSIFIED AS HIGHLY ERODIBLE.

OWNER/DEVELOPER
CAREY AND JANE PEKARSKI
3420 ELLICOTT CENTER DRIVE
ELLICOTT CITY, MD 21043
(410) 418-4600

DATE	NUMBER	REVISION DESCRIPTIONS
7/2/00	1	DELETE BUILDING ADDITION & PARKING EXPANSION

SITE GRADING, UTILITY, SWM AND SEDIMENT AND EROSION CONTROL PLAN

PIES AUTO BODY EXPANSION

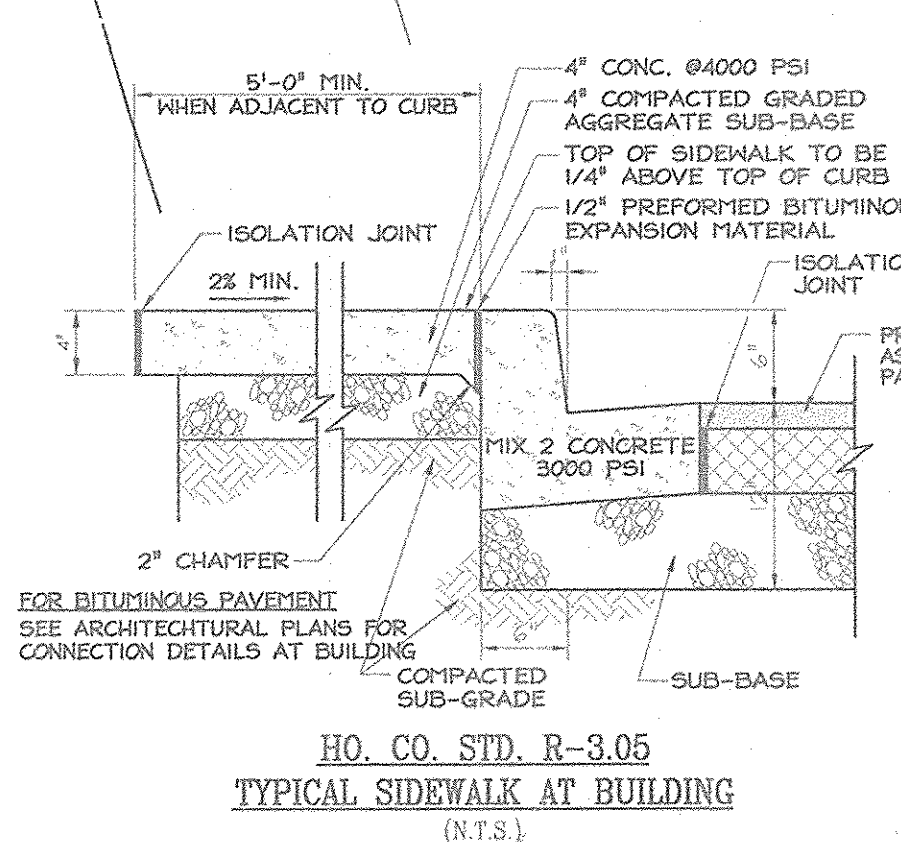
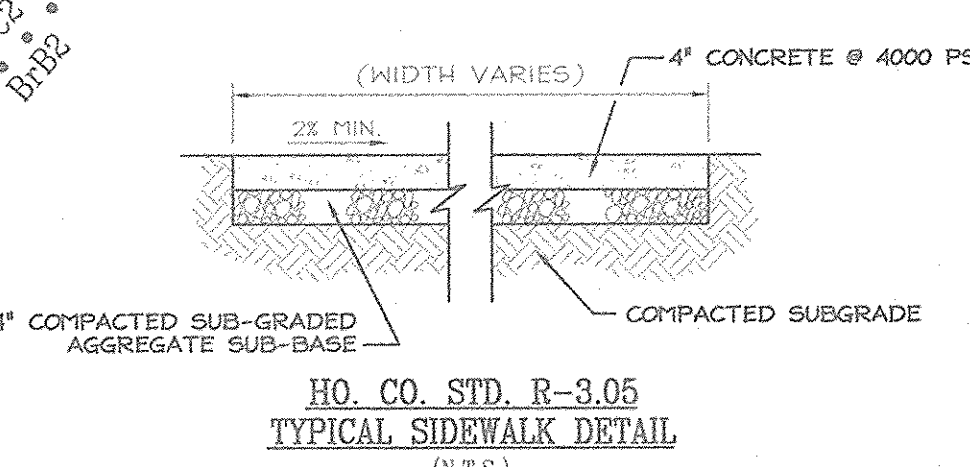
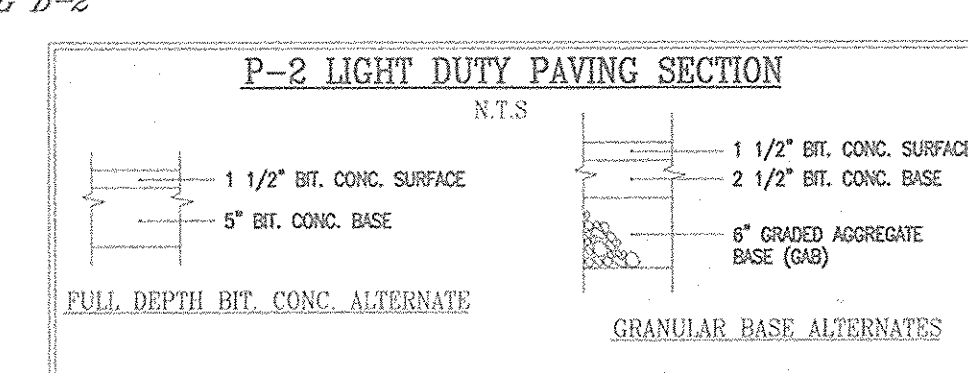
ELLICOTT CENTER, SECTION 2, PARCEL A-1

TAX MAP #24, GRID #6 PARCEL 1096
2ND ELECTION DISTRICT 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: KO
DRAWN BY: KO
CHECKED BY: RHV
DATE: JUNE 26, 2002
SCALE: 1"=20'
W.O. NO.: 2014061.00

REF.: SDP-83-09
2 SHEET OF 5



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 11/12/02
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 11/15/02
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

[Signature] 11/13/02
DIRECTOR DATE

REVIEWED FOR HOWARD S.C.D. & MEETS TECHNICAL REQUIREMENTS.

[Signature] 11/12/02
USDA-NATURAL RESOURCES CONSERVATION SERVICE DATE

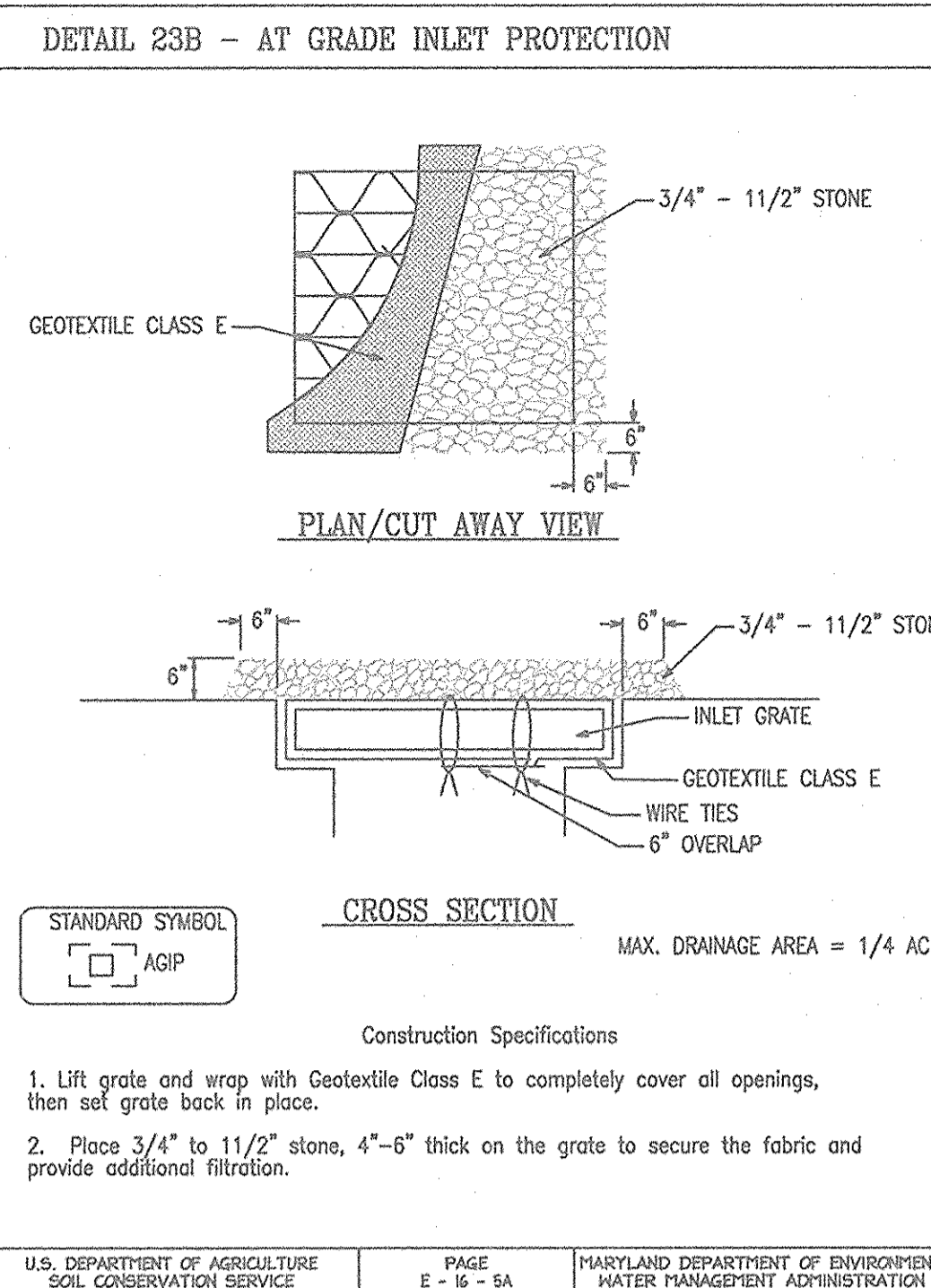
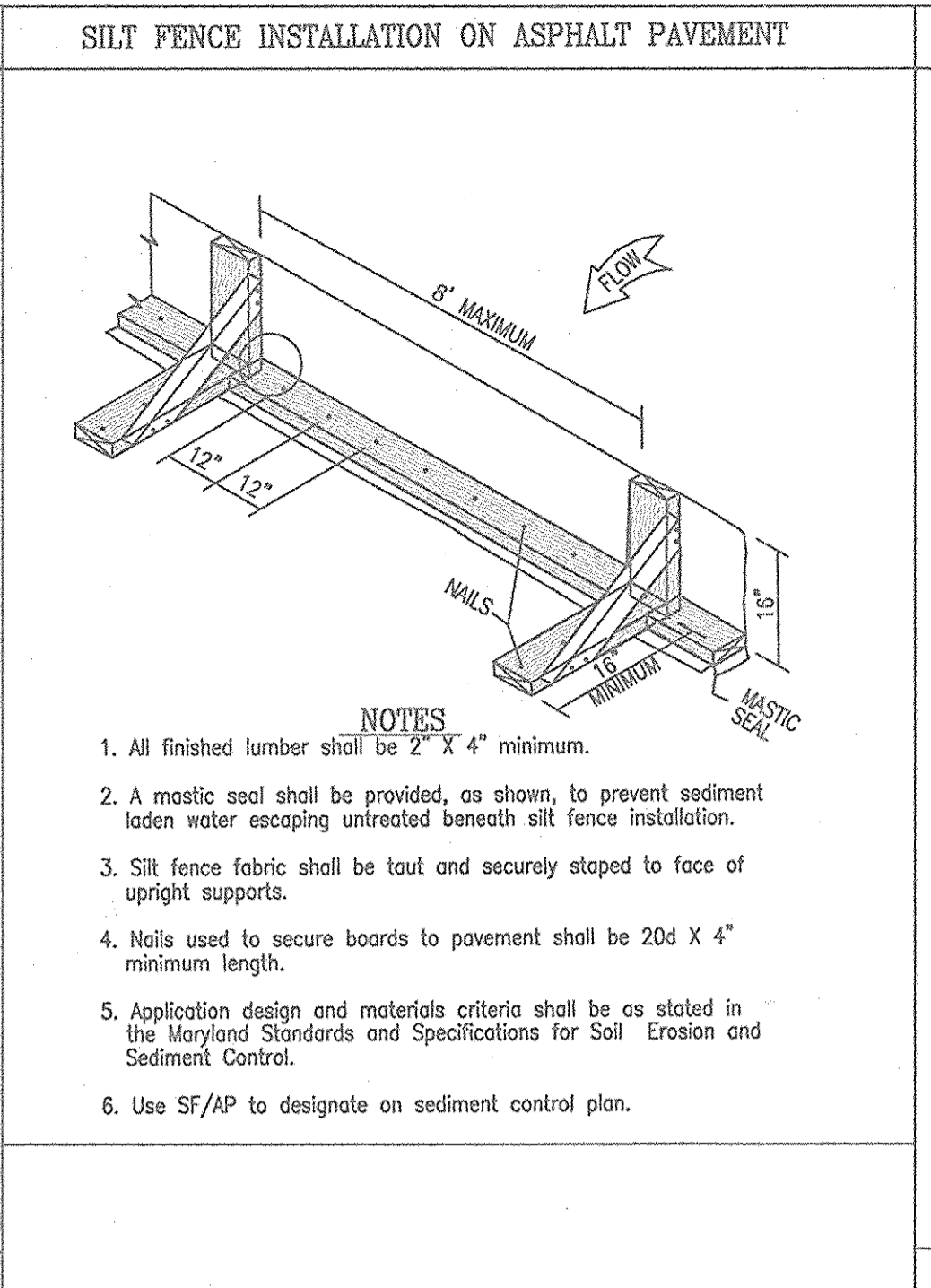
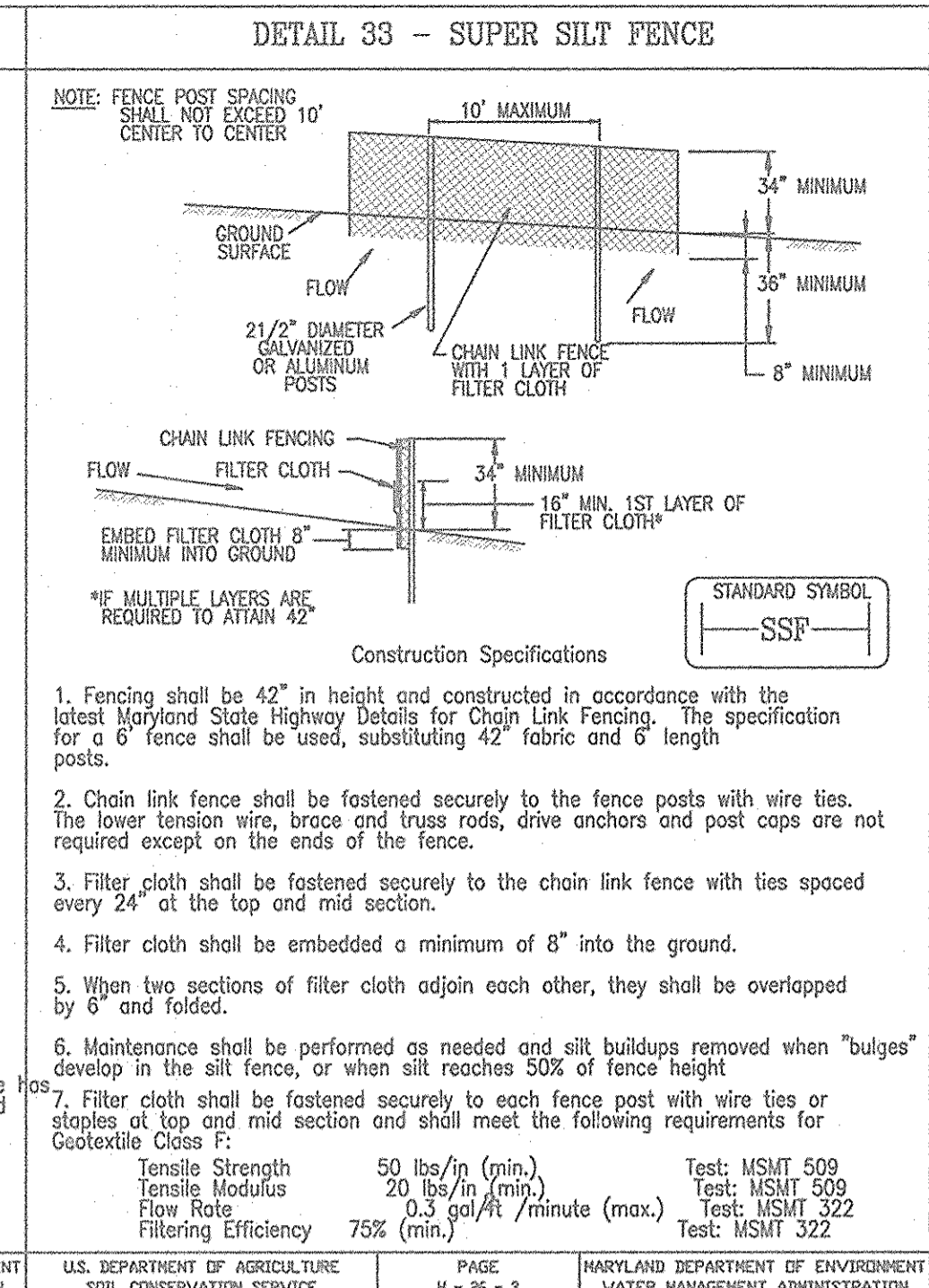
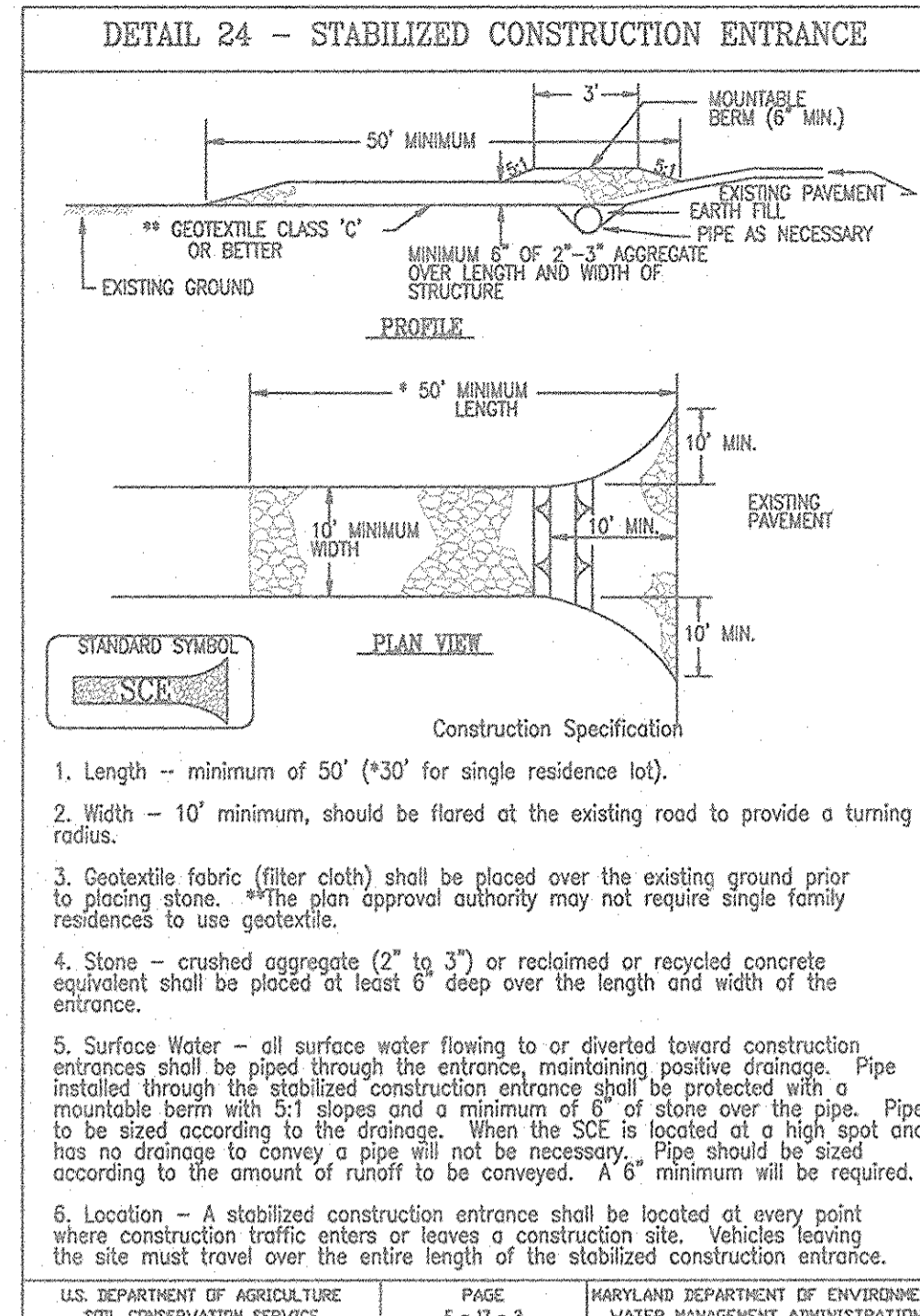
[Signature] 11/12/02
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. DATE

BY THE DEVELOPER:

[Signature] 10/31/02
"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

BY THE ENGINEER:

[Signature] 10/31/02
"I 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." DATE



GENERAL NOTES FOR UTILITY CONSTRUCTION

- INFORMATION CONCERNING THE HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES HAS BEEN TAKEN FROM RECORDS PROVIDED BY UTILITY COMPANIES, AN ALTA SURVEY PREPARED BY FREDERICK WARD ASSOCIATES (DATED 3/01), AND HOWARD COUNTY DPW, THESE LOCATIONS SHOULD BE CONSIDERED APPROXIMATE. FREDERICK WARD ASSOCIATES, INC. MAKES NO GUARANTEE AS TO THE COMPLETENESS OR ACCURACY OF UTILITIES AND THEIR LOCATIONS, SHOWN OR NOT SHOWN, ON THESE DRAWINGS. SUCH INFORMATION PROVIDED ON THESE PLANS IS FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE CONTRACTOR SHALL VERIFY THE PRESENCE, ABSENCE AND LOCATIONS OF ALL UTILITIES TO HIS SATISFACTION, PRIOR TO ANY WORK UNDER THIS CONTRACT.
- THE CONTRACTOR IS TO NOTIFY MISS UTILITY AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION AND EXCAVATION. PHONE: 1-800-257-7777.
- PRIOR TO ANY CONSTRUCTION UNDER THIS CONTRACT, CONTRACTOR SHALL TEST PIT TO VERIFY EXACT LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES WHERE UTILITY TIE-INS AND CROSSINGS WILL BE ENCOUNTERED. ANY DISCREPANCIES IN HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DRAWINGS, PARTICULARLY AT PROPOSED STORM DRAIN, SANITARY AND WATER CONNECTIONS SHALL BE IMMEDIATELY REPORTED TO FREDERICK WARD ASSOCIATES PRIOR TO ANY CONTINUATION OF WORK UNDER THIS CONTRACT. THIS IS FOR THE PURPOSE OF IDENTIFYING ANY CONFLICTS, WHICH MAY IMPACT THE PROPOSED DESIGN, AND RESOLUTION OF SAID CONFLICTS PRIOR TO CONTINUATION OF WORK.
- ANY EXISTING UTILITIES AND ADJACENTS, WHICH MAY BE DAMAGED DUE TO TEST PITTING AND UTILITY CONSTRUCTION, SHALL BE REPAIRED IN KIND AT THE SOLE EXPENSE OF THE CONTRACTOR.
- ANY SEDIMENT CONTROL MEASURES REMOVED FOR THE PURPOSE OF UTILITY CONSTRUCTION SHALL BE REPLACED AT THE END OF THE DAY BY THE UTILITY CONTRACTOR.
- LOCATION OF GAS AND ELECTRIC, AND TELEPHONE SERVICE TO BUILDING TO BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANIES ON AND OFF SITE.
- UTILITIES TO BE INSTALLED IN LANDSCAPED AREAS SHALL BE WRAPPED WITH BIODEGRADABLE PIPE PROTECTION.
- ALL UTILITY WORK WITHIN SHA R/W SHALL BE GOVERNED BY THE UTILITY PERMIT.

GENERAL NOTES FOR GRADING

- COMPACTION IN BUILDING AND PAVEMENT AREAS TO BE AT 95%, AND COMPACTION IN LANDSCAPING AREAS TO BE AT 90%, TO MEET ASTM D-1557 REQUIREMENTS.
- IT IS RECOMMENDED A GEOTECHNICAL ENGINEER BE RETAINED TO MONITOR EARTHWORK ACTIVITIES TO MAKE APPROPRIATE RECOMMENDATIONS AS NECESSARY.

GENERAL NOTES FOR STORM DRAIN CONSTRUCTION

- MANHOLE LIDS AND INLET GRATES SHALL BE TRAFFIC BEARING AND BICYCLE SAFE.
- ALL MANHOLE LIDS, INLET GRATES AND CLEANOUT TOPS TO BE ADJUSTED TO MATCH CROSS-PITCH AND SLOPE OF PROPOSED GRADES.
- ALL STORM DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE ANNE ARUNDEL COUNTY STANDARDS AND SPECIFICATIONS, AND SHA STANDARDS AND SPECIFICATIONS.
- STORM DRAIN PIPE AND FITTINGS FOR ROOF DRAINS TO BE HDPE, PCV SCH 40, OR APPROVED EQUAL.

GENERAL NOTES FOR WATER AND SEWER CONSTRUCTION

- SANITARY CLEANOUT TOPS TO BE ADJUSTED TO MATCH CROSS-PITCH AND SLOPE OF PROPOSED GRADES. CLEANOUT TOPS TO BE IDENTIFIED AS SANITARY CLEANOUTS, THREADED AND CONTAIN TURNSPLUGS.
- UTILITIES SHALL MAINTAIN A MINIMUM 12-INCH CLEARANCE WHEN CROSSING EXISTING AND PROPOSED UTILITIES ON AND OFF SITE.
- WATER SERVICES SHALL HAVE A MINIMUM 3.5 FOOT COVER OVER CROWN PIPE.
- WATER SERVICE SHALL BE SOFT ANNEALED TYPE K COPPER TUBING, OR APPROVED EQUAL. SANITARY SERVICE PIPE SHALL BE PVC SDR 35, OR APPROVED EQUAL.
- WATER AND SEWER SERVICES SHALL BE COORDINATED WITH THE BUILDING CONTRACTOR FOR HORIZONTAL AND VERTICAL ALIGNMENT AND CONNECTION.

SEQUENCE OF CONSTRUCTION

- Obtain grading permit.
- Notify Howard County Department of Inspections, Licenses, and Permits at (410)313-1880 at least 24 hours before starting any work.
- Install Stabilized Construction Entrance and Silt Fence. (1 days)
- Grade new areas and regrade existing areas as shown on site plan. (1 week)
- Install storm drain system and stormceptor. (1 week)
- Construct building. (6 months)
- Install gutters and gutter and paving. (10 days)
- Install landscaping. (1 week)
- Permanently stabilize all remaining areas. (1 day)
- When the contributing drainage area is stabilized, flush the storm drain system and stormceptor. (1 Day)
- With permission of the Inspector, remove all Sediment Controls from the site. Stabilize all disturbed areas immediately. (1 week)
- During grading and after each rainfall, contractor will inspect and provide necessary maintenance to the Sediment Control measures on this plan.
- Following initial soil disturbances or redistribution permanent or temporary stabilization shall be completed within:
 - 7 calendar days for all perimeter Sediment Control Structures, Dikes, Swales and all slopes greater than 3:1.
 - 14 calendar days for all other disturbed areas.

TOPSOIL CONSTRUCTION AND MATERIAL SPECIFICATIONS

TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS 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 EXPERIMENTAL 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 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 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 CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-9 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 1 - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

TOPSOIL APPLICATION

WHEN TOPSOILING, MAINTAIN NEGATIVE EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.

GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBERT 4" - 8" HIGHER IN ELEVATION.

TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4" - 8" LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4" SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SOODING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OF WATER POCKETS.

TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR 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 SEEDING PREPARATION.

THESE TOPSOIL SPECIFICATIONS HAVE BEEN EDITED FROM THE 1994 EROSION AND SEDIMENT CONTROL STANDARDS TO FIT THIS PROJECT. IT IS STILL THE INTENTION TO FOLLOW THE REFERENCED 1994 EROSION AND SEDIMENT CONTROL STANDARDS IN THEIR ENTIRETY.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER 3 INCHES OF SOIL BY RACKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED)

SOILS AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ FT)

SEEDING: FOR PERIODS MARCH 1ST THROUGH APRIL 30TH AND FROM AUGUST 15TH THROUGH NOVEMBER 15TH, SEED WITH 2 1/2 BU. PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ FT). FOR THE PERIOD MAY 1ST THROUGH AUGUST 14TH, SEED WITH 3 LBS. PER ACRE OF KEEPING LONGGRASS (47 LBS./1000 SQ FT). FOR THE PERIOD NOVEMBER 16TH THROUGH FEBRUARY 28TH, 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 (70-90 LBS./1000 SQ FT) OF UNROOTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 21# GALS. PER ACRE (5 GALS./1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES, 8 FT OR HIGHER, USE 34# GALS. PER ACRE (8 GALS./1000 SQ FT) FOR ANCHORING.

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER 3 INCHES OF SOIL BY RACKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED)

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./1000 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 TIME OF SEEDING, APPLY 400 LBS. PER ACRE 3-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ FT)

2. ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ FT) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23,100 SQ LB) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOILS.

SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH NOVEMBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS./1000 SQ FT) 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 (0.5 LBS./1000 SQ FT) OF KEEPING LONGGRASS. 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 60 LBS. 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 UNROOTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 21# GALLONS PER ACRE (5 GALS./1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 34# GALLONS PER ACRE (8 GALS./1000 SQ FT) FOR ANCHORING.

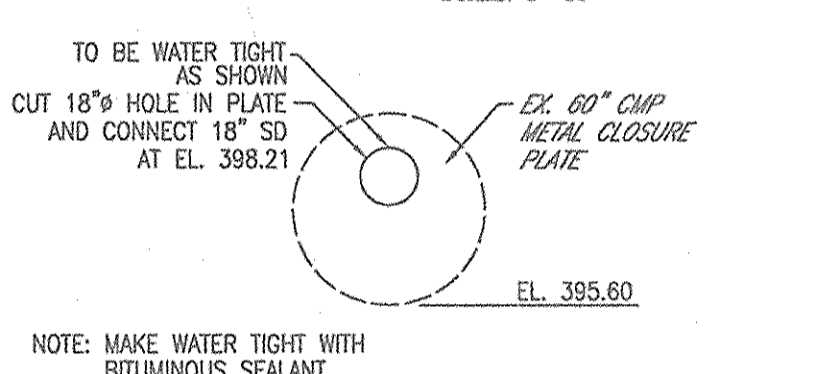
MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

HOWARD SOIL CONSERVATION DISTRICT STANDARD SEDIMENT CONTROL NOTES

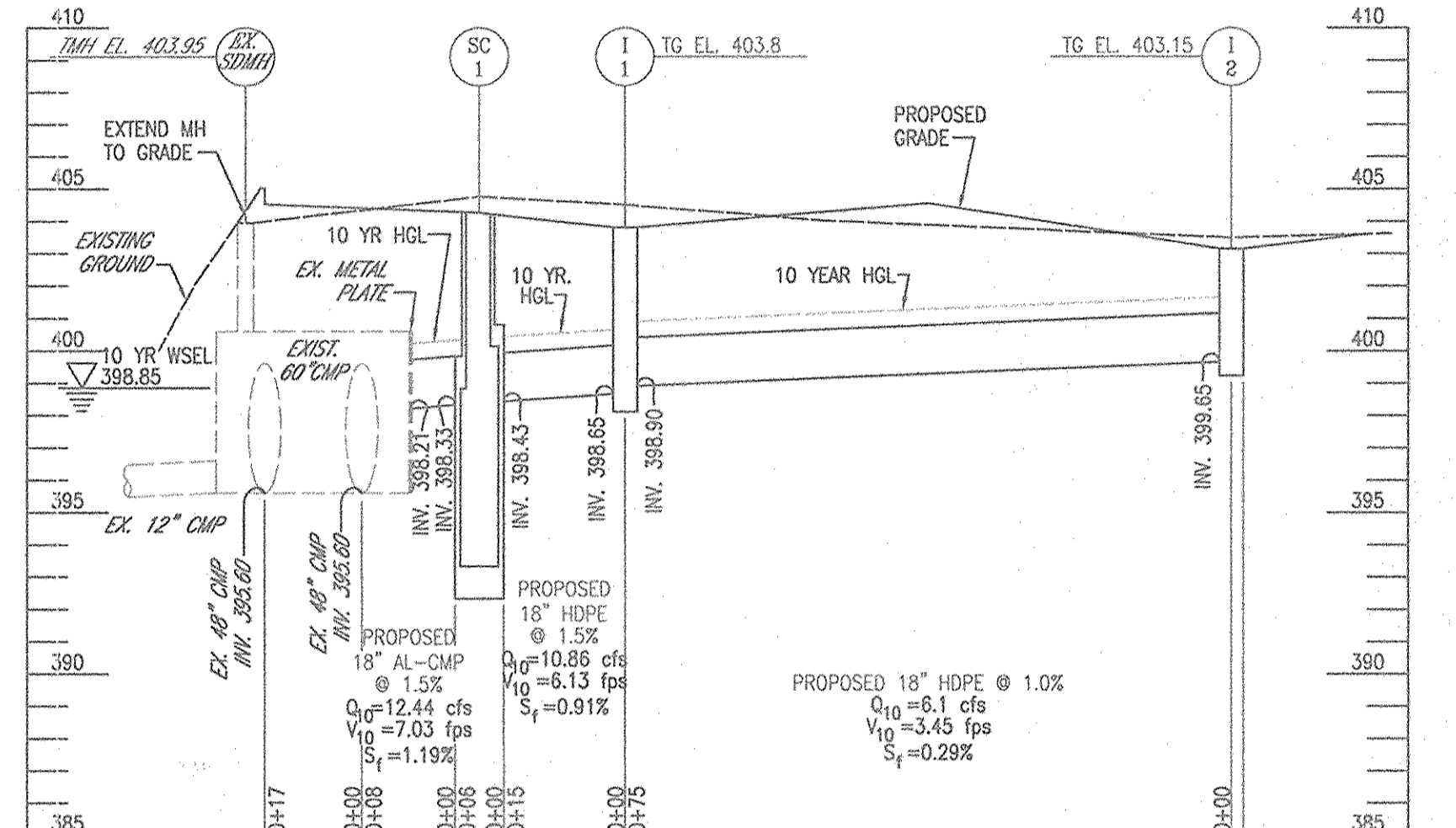
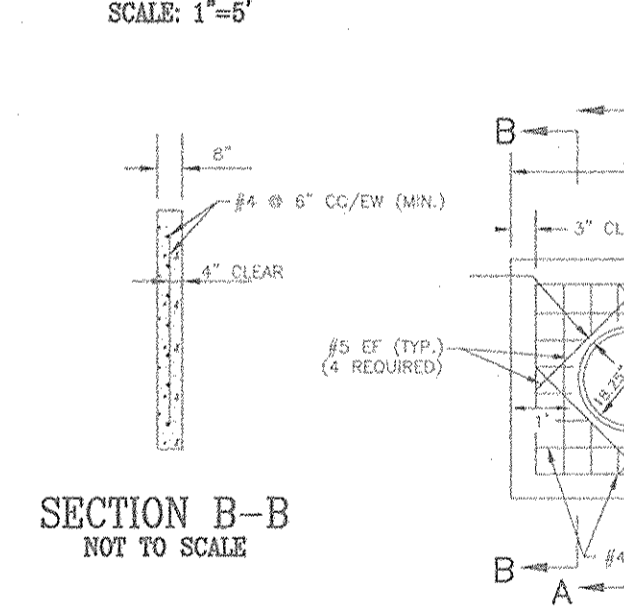
- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION, PRIOR TO THE START OF ANY CONSTRUCTION. (313-1880)
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE "1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", AND REVISIONS THERETO.
- FOLLOWING INITIAL SOIL DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER 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 OF THE "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 C) TEMPORARY STABILIZATION WITH MULCH ALONE SHALL 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	= 2,300# ACRES±
AREA DISTURBED	= 1.15 ACRES±
AREA TO BE ROOFED OR PAVED	= 1.95 ACRES±
AREA TO BE VEGETATIVELY STABILIZED	= 0.35 ACRES±
TOTAL CUT	= 500 CUBIC YARDS±
TOTAL FILL	= 150 CUBIC YARDS±
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED OR 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 SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

CONNECTION AT METAL PLATE



DETAIL



STORM DRAIN PROFILE

BY THE ENGINEER:

I 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.

Signature: Robert H. Vogel, P.E. DATE: 10/26/02

BY THE DEVELOPER:

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 TRAINING AT 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.

Signature: Jane M. Piekarski DATE: 10/30/02

REQUIRED FOR HOWARD S.C.D. & MEETS TECHNICAL REQUIREMENTS.

Signature: Jim Mayes DATE: 11/2/02

Signature: John R. Robertson DATE: 11/10/02

STRUCTURE SCHEDULE

NUMBER	DESCRIPTION	INV. IN	INV. OUT	TG ELEV.
I-2	TYPE S INLET NO. CO. SD 4.22	-	399.65	403.15
I-1	TYPE S INLET NO. CO. SD 4.22	398.90	398.65	403.8
SC-1	1200 STORMCEPTOR	398.43	398.33	404.3

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Signature: Cindy Howard DATE: 11/16/02

Signature: [Signature] DATE: 11/16/02

Signature: [Signature] DATE: 11/13/02

PIPE SCHEDULE

SIZE	TYPE	LENGTH
18"	HDPE	92 LF
18"	AL-CIP	6 LF

OWNER/DEVELOPER

CAREY AND JANE PIEKARSKI
3420 ELLICOTT CENTER DRIVE
ELLICOTT CITY, MD 21043
(410) 418-4600

DATE	NUMBER	REVISION DESCRIPTIONS
2/2/08	1	DELETE BUILDING ADDITION & PARKING EXPANSION

SEDIMENT & EROSION CONTROL NOTES & DETAILS, UTILITY PROFILES, AND SITE DETAILS

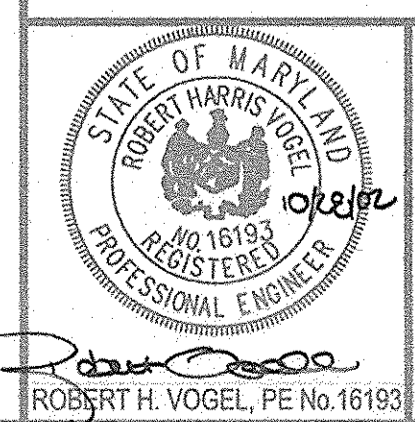
PIES AUTO BODY EXPANSION

ELLICOTT CENTER, SECTION 2, PARCEL A-1

TAX MAP #24, GRID #6 PARCEL 1096
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FREDERICK WARD ASSOCIATES, INC.

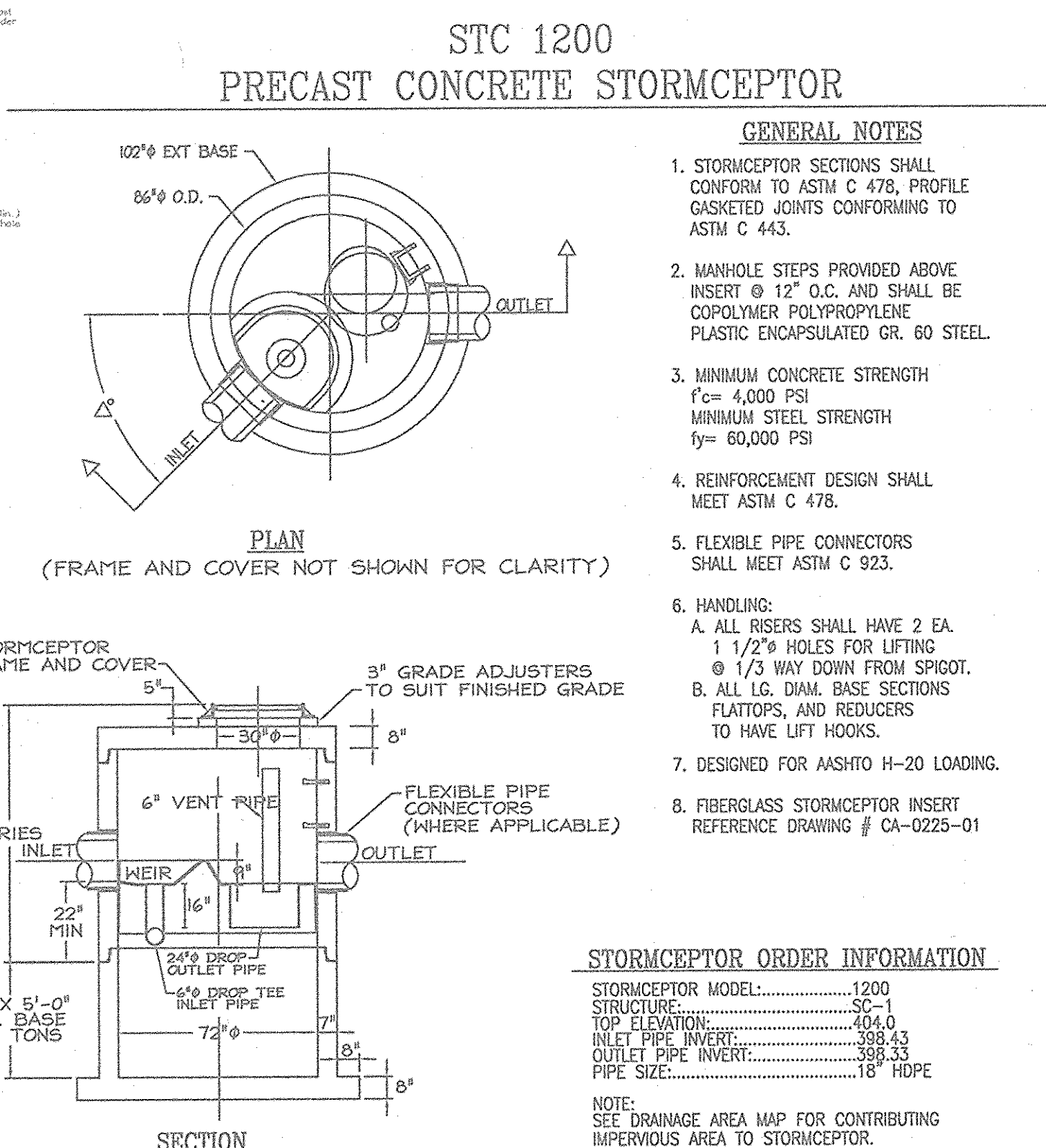
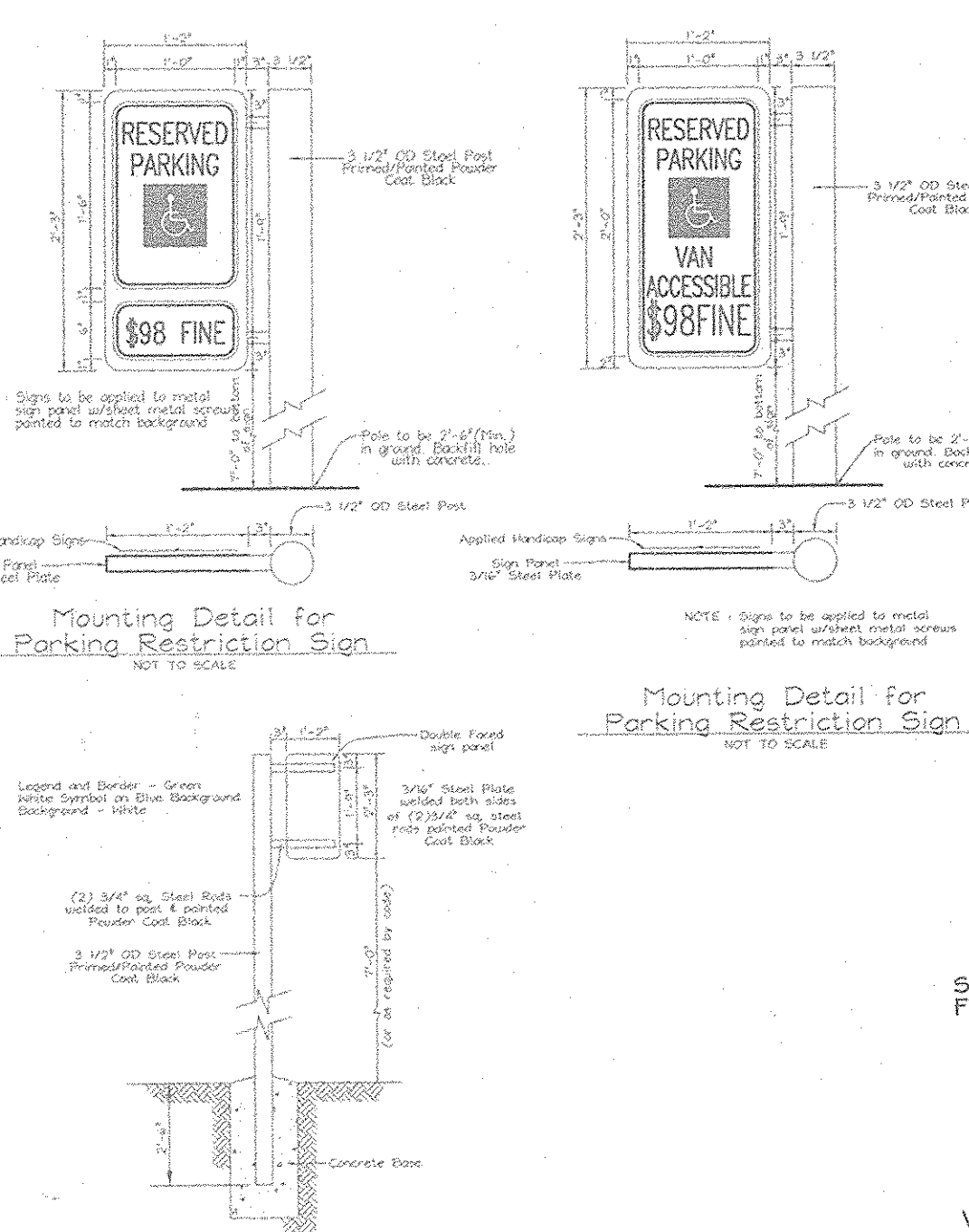
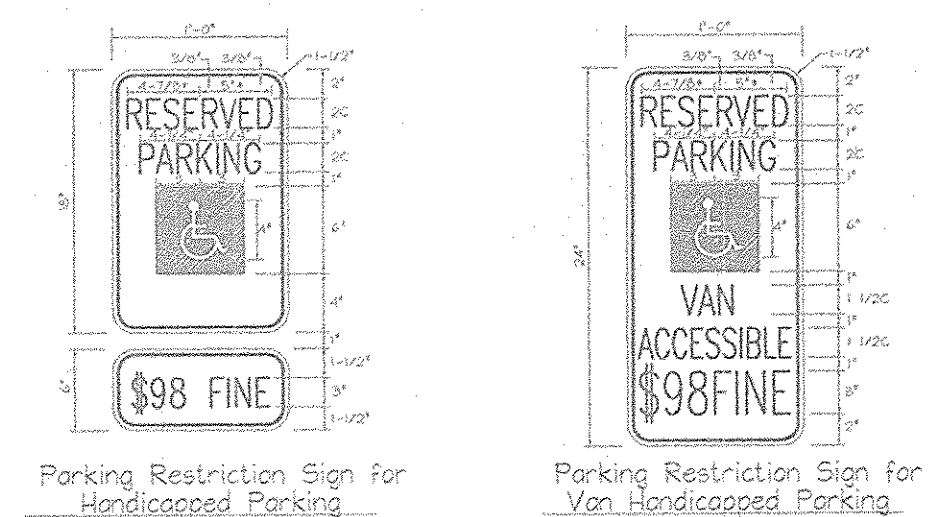
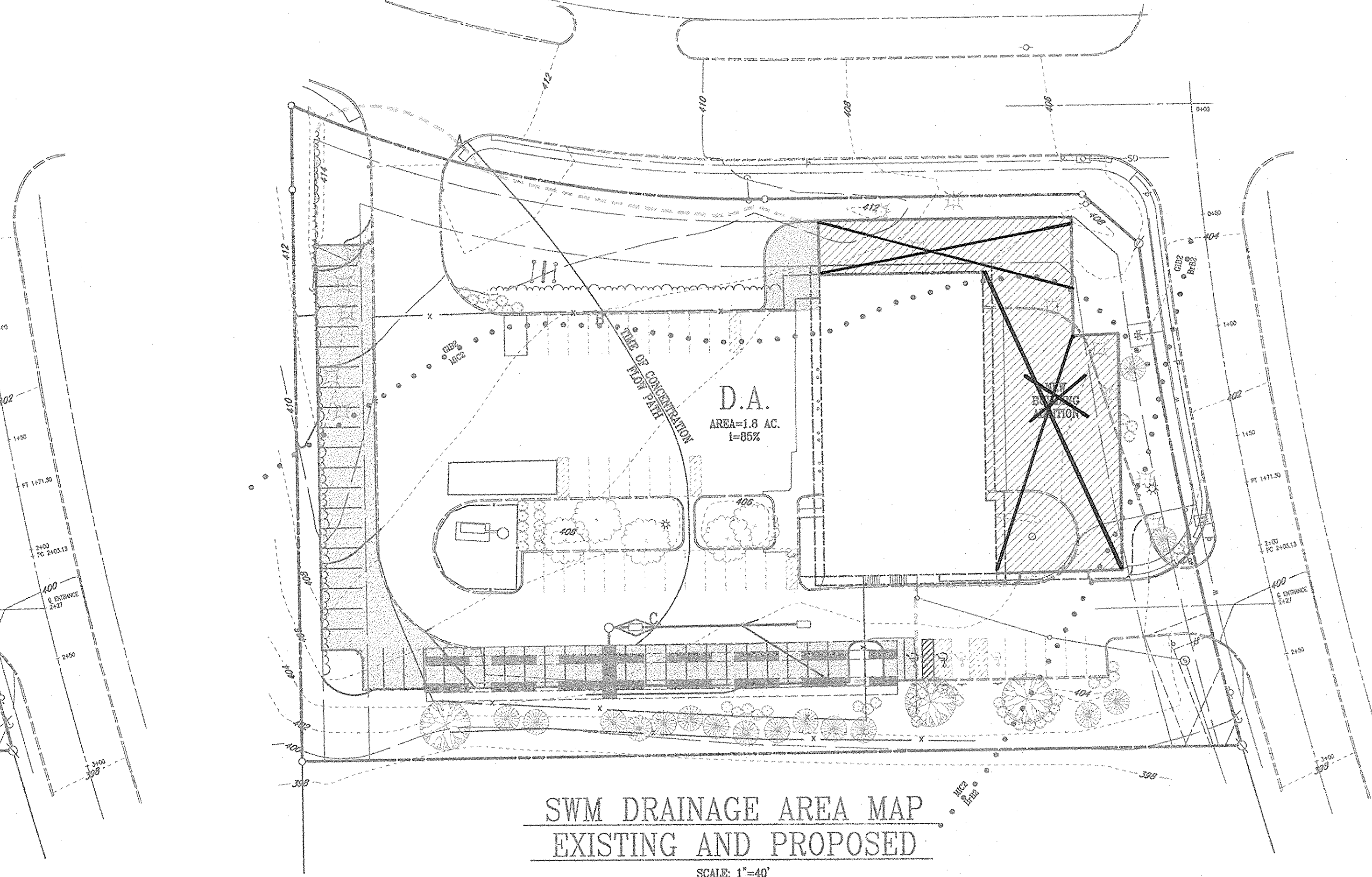
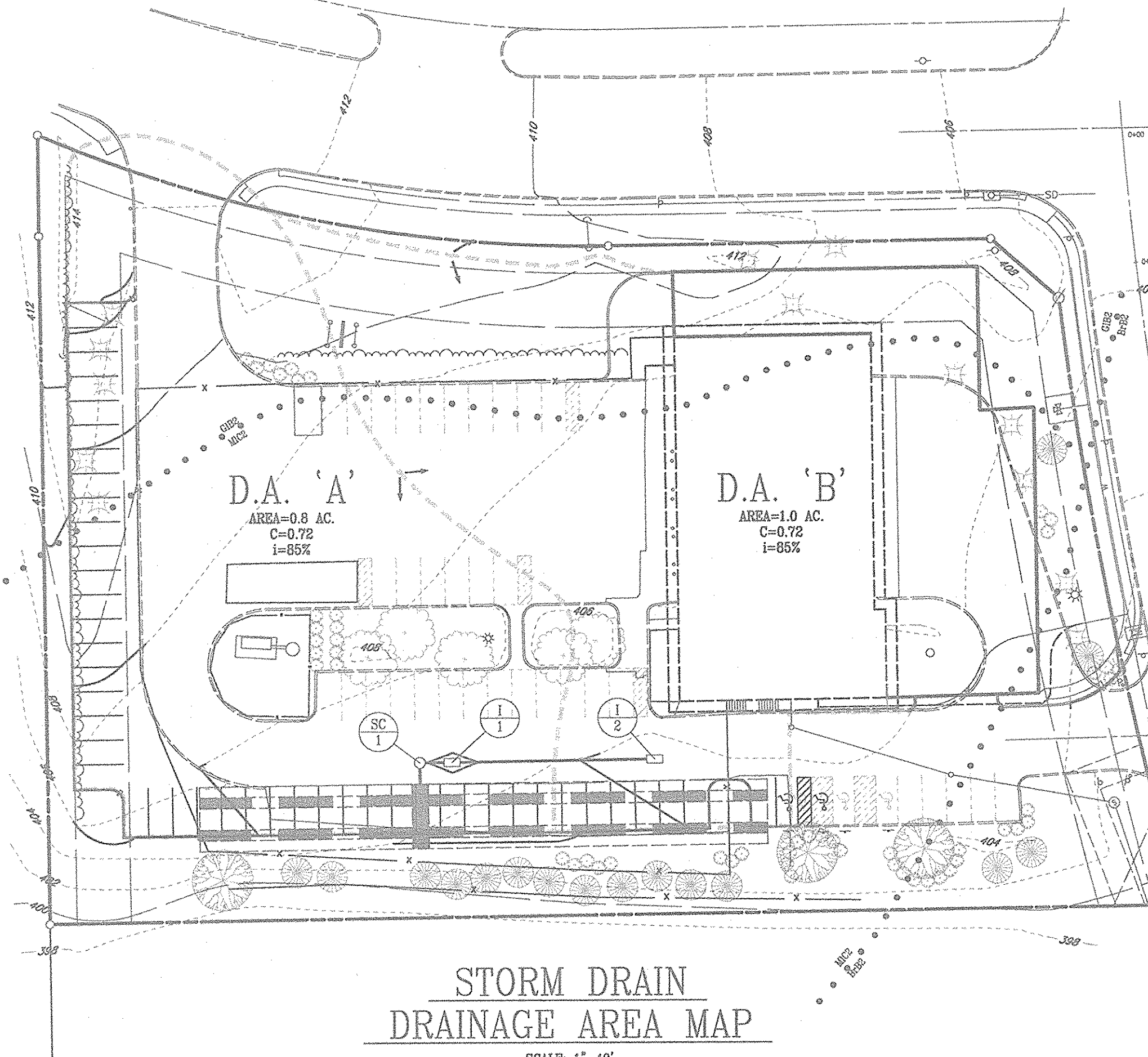
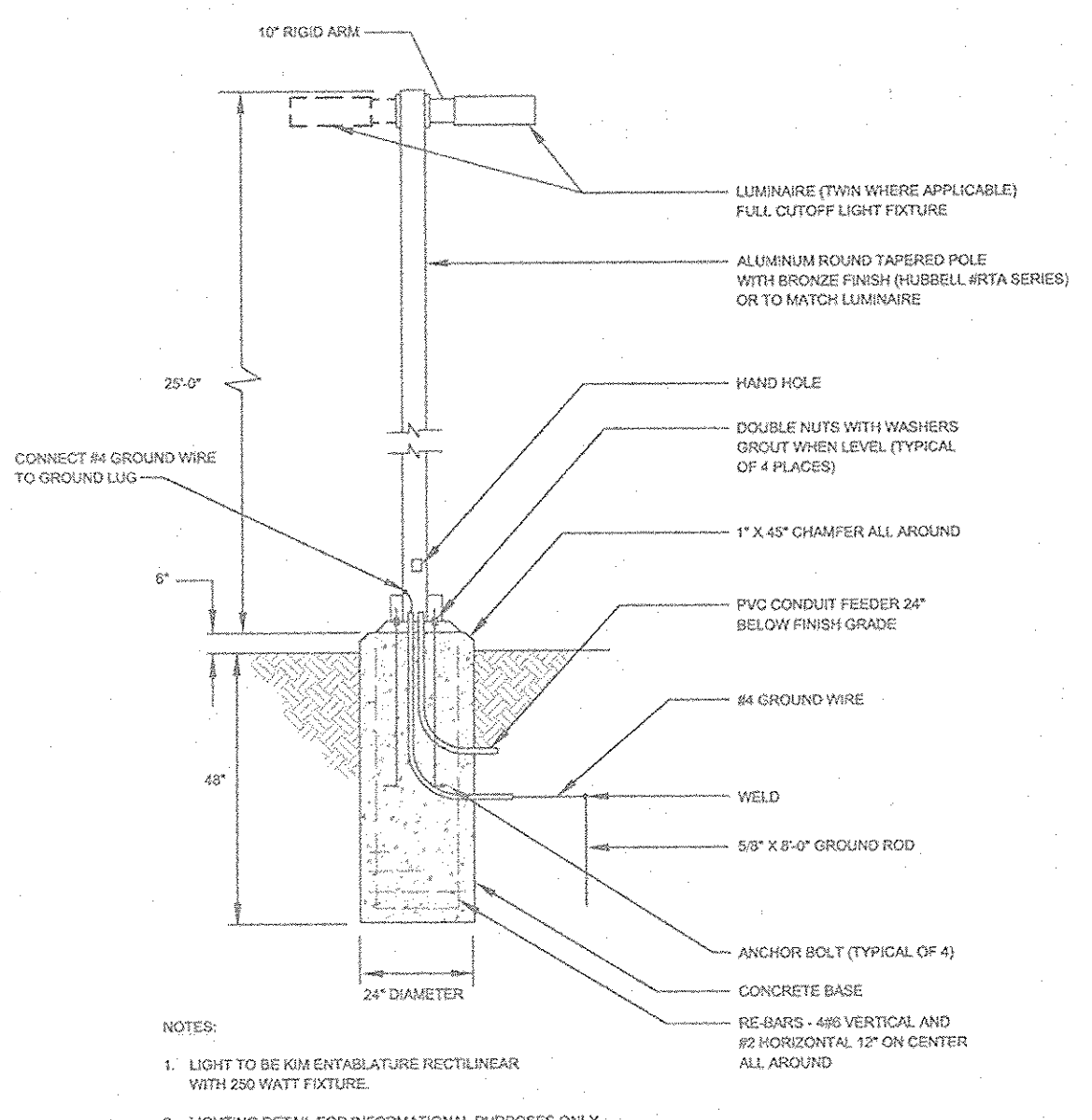
ENGINEERS: 7125 Riverwood Drive Columbia, Maryland 21046-2354
ARCHITECTS: Phone: 410-290-9550 Fax: 410-720-6226
SURVEYORS: Bel Air, Maryland Columbia, Maryland Warrenton, Virginia



DESIGN BY: KO
DRAWN BY: KO
CHECKED BY: RHW
DATE: JUNE 26, 2002
SCALE: (AS SHOWN)
W.O. NO.: 2014061.00

REF: SDP-83-09

3 SHEET OF 5



STORMCEPTOR ORDER INFORMATION

STORMCEPTOR MODEL..... 1200
STRUCTURE..... SC-1
TOP ELEVATION..... 404.0
INLET PIPE INVERT..... 398.43
OUTLET PIPE INVERT..... 398.33
PIPE SIZE..... 18" HDPE

NOTE:
SEE DRAINAGE AREA MAP FOR CONTRIBUTING IMPERVIOUS AREA TO STORMCEPTOR.
AREAS: 1.8 Acres

OPERATION AND MAINTENANCE SCHEDULE FOR STORMCEPTOR WATER QUALITY STRUCTURE

A. The Stormceptor Water Quality structure shall be periodically inspected and cleaned to maintain operation and function. The owner shall inspect the Stormceptor unit yearly at a minimum. Utilizing the Stormceptor Inspection/Monitoring Form. Inspections shall be done by using a clear Plexiglas tube ("stacy/judge") to extract a water column sample. When the sediment depth exceeds the level specified in Table 6 of the Stormceptor Technical Manual, the unit must be cleaned.
B. The Stormceptor water quality structure shall be checked and cleaned immediately after petroleum spills. The owner shall contact the appropriate regulatory agencies.
C. The maintenance of the Stormceptor unit shall be done using a vacuum truck which will remove the water, sediment, debris, flooding hydrocarbons and other materials in the unit. Proper cleaning and disposal of the removed material and liquid must be followed by the owner.
D. The inlet and outlet pipes shall be checked for any obstructions at least once every six months. If obstructions are found the owner shall have them removed. Structural parts of the Stormceptor unit shall be repaired as needed.
E. The owner shall retain and make the Stormceptor Inspection/Monitoring Forms available to the Howard County officials upon their request.

Precast Concrete **Stormceptor**® Order Request Form
* TO BE INCLUDED ON SWM PLAN BY DESIGNER

CONTRACTOR INFORMATION

Name _____
Address _____
City _____
State _____
Zip Code _____
Contact _____
Phone _____
Fax _____

OWNER INFORMATION

Name **CAREY AND JANE PIEKARSKI**
Phone **(410) 418-4800**
Fax _____

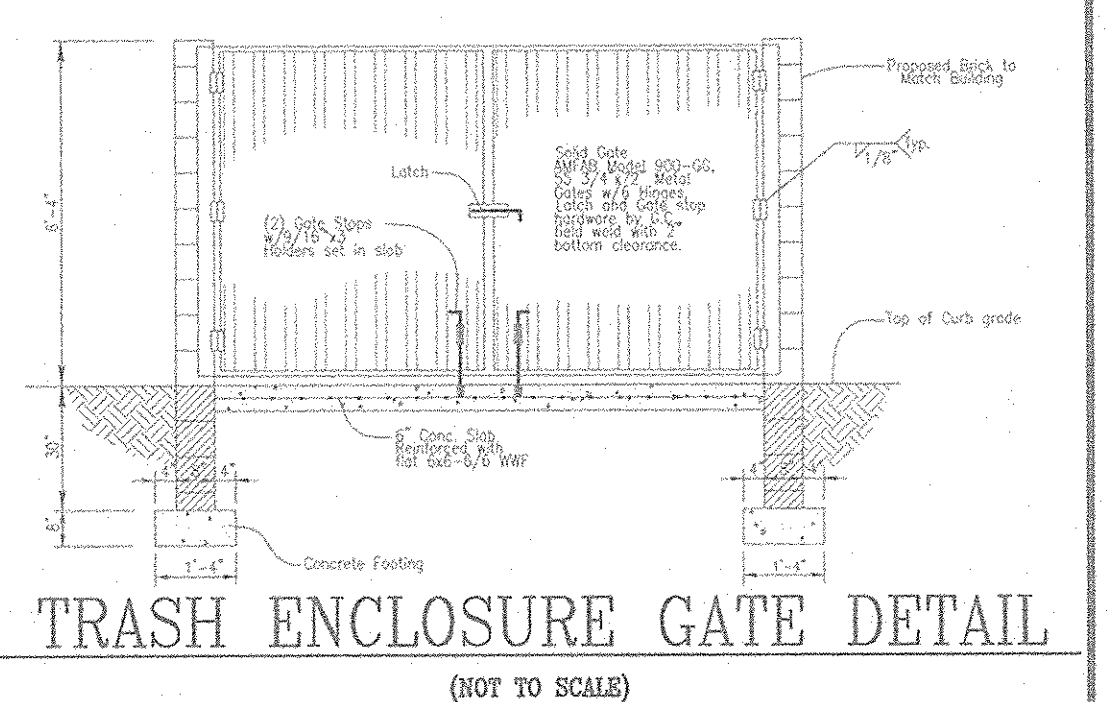
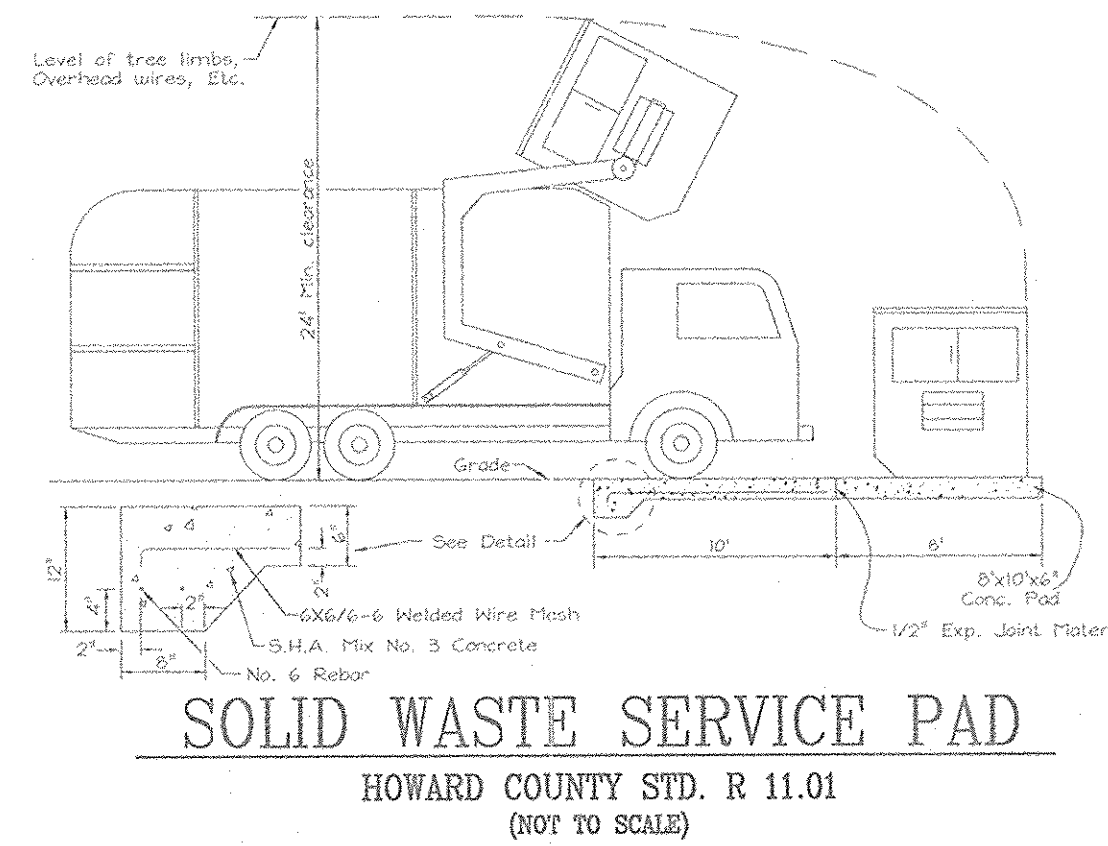
IMPERVIOUS DRAINAGE AREA FOR THIS UNIT

Stormceptor® Model	Insert Size	Manhole Number	Top Elevation (ft)
STC 900 <input type="checkbox"/> 3600 <input type="checkbox"/>	SINGLE INLET <input type="checkbox"/>	SC-1	404.0
1200 <input checked="" type="checkbox"/> 4800 <input type="checkbox"/>	DISC <input type="checkbox"/>	SC-1	398.43
1800 <input type="checkbox"/> 6000 <input type="checkbox"/>	MULTIPLE INLET <input type="checkbox"/>	SC-1	398.33
2400 <input type="checkbox"/> 7200 <input type="checkbox"/>	DISC <input type="checkbox"/>	SC-1	18" HDPE
	CUSTOM <input type="checkbox"/>		

Please draw orientation of inlet and outlet pipes on diagram along with the pipe inside diameter (in) and invert elevation (ft). Clearly mark inlet pipes with an "I" and outlet pipes with an "O". Please provide the inlet/outlet pipe angle in degrees.

Project Name: **PIES AUTO BODY, ELLICOTT CENTER, SECTION 2**
Approximate time frame of delivery (weeks) _____
Delivery Address: Street **3420 ELLICOTT CENTER DRIVE**
City: **ELLICOTT CITY** State: **MARYLAND** Zip Code: **21043**
Designer Company: **FREDERICK WARD ASSOCIATES**
Designer Contact: **ROBERT H. VOGEL** Phone: **(410) 720-6900** Fax: **(410) 720-6226**

PLEASE FILL OUT COMPLETELY AND FAX TO: **CSR Hydro Conduit**
ATTN: ED O'MALLEY FAX: (703)922-3659, PHONE: (703)313-6389
FOR TECHNICAL ASSISTANCE PLEASE CALL MIKE BARG, PHONE (703)313-6399



DATE	NUMBER	REVISION DESCRIPTIONS
2/2/08	1	DELETE BUILDING ADDITION & PARKING EXPANSION

UTILITY PROFILES, SWM NOTES AND DETAILS, AND MISCELLANEOUS NOTES AND DETAILS
PIES AUTO BODY EXPANSION
ELLICOTT CENTER, SECTION 2, PARCEL A-1

TAX MAP #24, GRID #6 PARCEL 1096
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FREDERICK WARD ASSOCIATES, INC.
ENGINEERS 7125 Riverwood Drive Columbia, Maryland 21046-2354
ARCHITECTS Phone: 410-290-8550 Fax: 410-720-6226
SURVEYORS Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

DESIGN BY: **KO**
DRAWN BY: **KO**
CHECKED BY: **RHV**
DATE: **JUNE 26, 2002**
SCALE: **(AS SHOWN)**
W.O. NO.: **2014081.00**

REF.: SDP-83-09

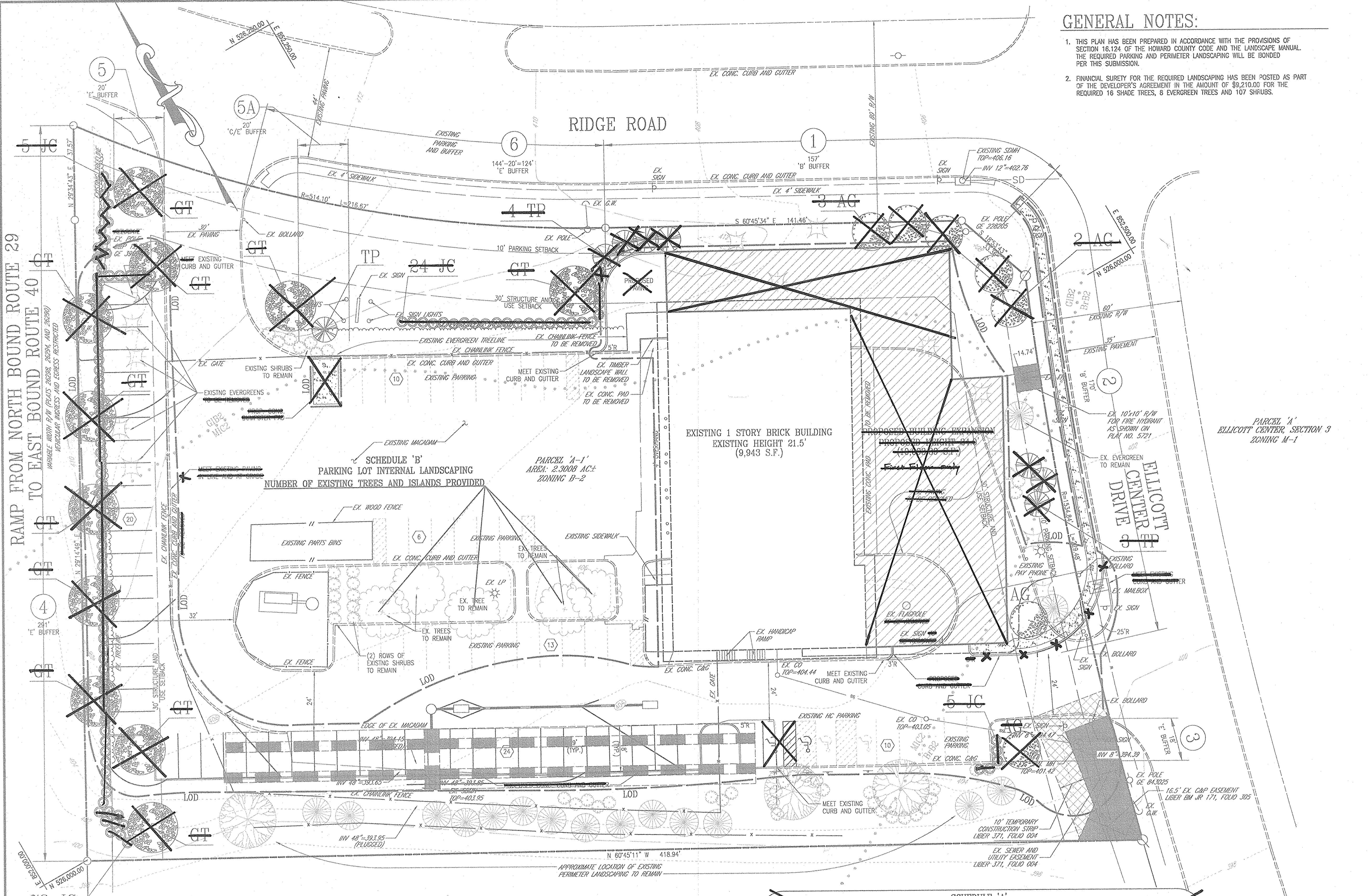
4 SHEET OF 5

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chris Hanan 11/12/02
CHIEF, DEVELOPMENT ENGINEERING DIVISION

Paul J. Smith 11/13/02
CHIEF, DIVISION OF LAND DEVELOPMENT

Paul J. Smith 11/13/02
DIRECTOR



GENERAL NOTES:

1. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. THE REQUIRED PARKING AND PERIMETER LANDSCAPING WILL BE BONDED PER THIS SUBMISSION.
2. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$9,210.00 FOR THE REQUIRED 16 SHADE TREES, 6 EVERGREEN TREES AND 107 SHRUBS.

LEGEND:

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- EXISTING GUY WIRE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING MAILBOX
- EXISTING SIGN
- EXISTING BOLLARD
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY LINE
- EXISTING CLEANOUT
- EXISTING FIRE HYDRANT
- EXISTING WATER LINE
- EXISTING SD MANHOLE
- EXISTING STORM DRAIN
- EXISTING TREES (FIELD LOCATED)
- EXISTING TREELINE (FIELD LOCATED)
- EXISTING VEGETATION (APPROXIMATE LOCATION)
- EXISTING FENCE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- SOILS BOUNDARY
- SF SILT FENCE
- SSF SUPER SILT FENCE
- LIMIT OF DISTURBANCE
- EXISTING/PROPOSED EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT
- PROPOSED BUILDING ADDITION
- PERIMETER LANDSCAPING

LANDSCAPE SCHEDULE NOTES:

1. ALL PLANT MATERIALS SHALL BE FULL AND HEAVY, BE WELL FORMED AND SYMMETRICAL, CONFORM TO THE MOST CURRENT AAS SPECIFICATIONS AND BE INSTALLED IN ACCORDANCE WITH LCAMM PLANTING SPECIFICATIONS.
2. MAINTENANCE TO INCLUDE MONITORING AND HAND WATERING AS NEEDED FOR THE FIRST TWO GROWING SEASONS TO ESTABLISH WOODY PLANTS. SPECIALIZED PLANTING AREAS INCLUDING FOUNDATION PLANTING OR ANNUAL BEDS MAY REQUIRE REGULAR HAND WATERING OR IRRIGATION.
3. CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
4. CONTRACTOR SHALL VERIFY PLANT QUANTITIES PRIOR TO BIDDING. IF PLAN DIFFERS FROM LANDSCAPE SCHEDULE, THE PLAN SHALL GOVERN.

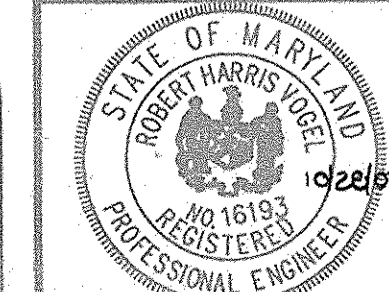
OWNER/DEVELOPER
 CAREY AND JANE PIEKARSKI
 3420 ELLICOTT CENTER DRIVE
 ELLICOTT CITY, MD 21043
 (410) 418-4600

DATE	NUMBER	REVISION DESCRIPTIONS
2/2/00	1	DELETE BUILDING ADDITIONAL PARKING EXPANSION

SITE LANDSCAPE PLAN
PIES AUTO BODY EXPANSION
 ELLICOTT CENTER, SECTION 2, PARCEL A-1

TAX MAP #24, GRID #6 PARCEL 1096
 2ND ELECTION DISTRICT 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: KO
 DRAWN BY: KO
 CHECKED BY: RHV
 DATE: JUNE 26, 2002
 SCALE: 1"=20'
 W.O. NO.: 2014061.00

REF.: SDP-83-09

5 SHEET OF 5

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.

Jane M. Piekarski 10/31/02
 SIGNATURE OF DEVELOPER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chris Hamant 4/12/02
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Chris Hamant 4/15/02
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

John S. Smith 11/18/02
 DIRECTOR DATE

SCHEDULE 'A' PERIMETER LANDSCAPE EDGE

CATEGORY	1	2	3	4	5	5A C/E	6
PERIMETER/FRONTAGE DESIGNATION	B	B	B	E	E	C/E	E
LANDSCAPE TYPE	1	2	3	4	5	6	7
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	157	170	18	291	20	20	124
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET DESCRIBE BELOW IF NEEDED)	NO	YES	NO	NO	NO	YES	YES
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	NO
NUMBER OF PLANTS REQUIRED							
SHADE TREES	3	3	1	1	1	1	1
EVERGREEN TREES	4	3	5	73	5	1	24
SHRUBS	---	---	---	---	---	---	---
NUMBER OF PLANTS PROVIDED							
SHADE TREES	3	3	1	7	1	1	1
EVERGREEN TREES	4	3	---	---	---	---	---
OTHER TREES (2:1 SUBSTITUTION)	---	---	---	---	---	---	---
SHRUBS (2:1 SUBSTITUTION)	---	---	5	73	5	---	24
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)							

SCHEDULE 'B' PARKING LOT INTERNAL LANDSCAPING

NUMBER OF PARKING SPACES REQUIRED AND PROVIDED: 84

NUMBER OF TREES AND ISLANDS EXISTING: 4

NUMBER OF TREES AND ISLANDS REQUIRED: NONE

NUMBER OF TREES AND ISLANDS PROVIDED: NONE

SHADE TREES: NONE

OTHER TREES (2:1 SUBSTITUTION): NONE

LANDSCAPE SCHEDULE

KEY	QUAN.	BOTANICAL NAME	SIZE	REMARKS
AG	7	Acer glabata (Tree form) Amur Maple	2 1/2"-3" CAL.	B & B
GT	11	Gleditsia tri. var. inermis 'Shademaster' Shademaster Treeless Honeylocust	2 1/2"-3" CAL.	B & B
JC	102	Juniperus chinensis 'Pfitzeriana' Pfitzer Juniper	30" HT.	B & B OR CONT.
TP	8	Thuja plicata 'Atrovirens' Western Arborvitae	6"-8" HT.	B & B OR CONT.