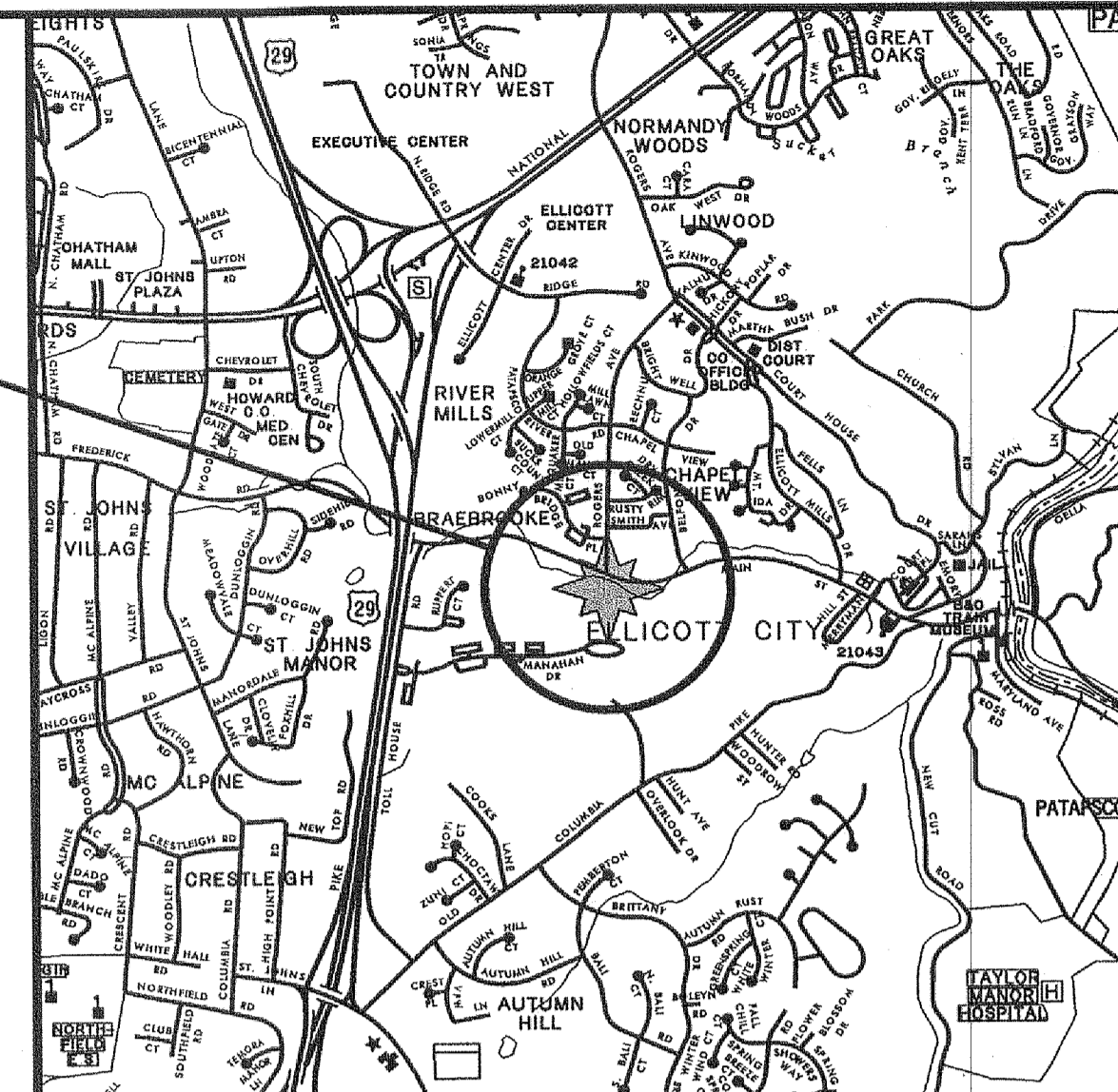


INDEX

SHEET NO.	SDP SHEET NO.	TITLE
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3	3	NEW CONDITIONS SITE PLAN
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19		S11 - PEDESTRIAN BRIDGE PLAN AND ELEVATION
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ELLICOTT CITY COLORED SCHOOL - ACCESS BRIDGES AND SITE WORK

HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS CAPITAL PROJECT NO.: N-3910



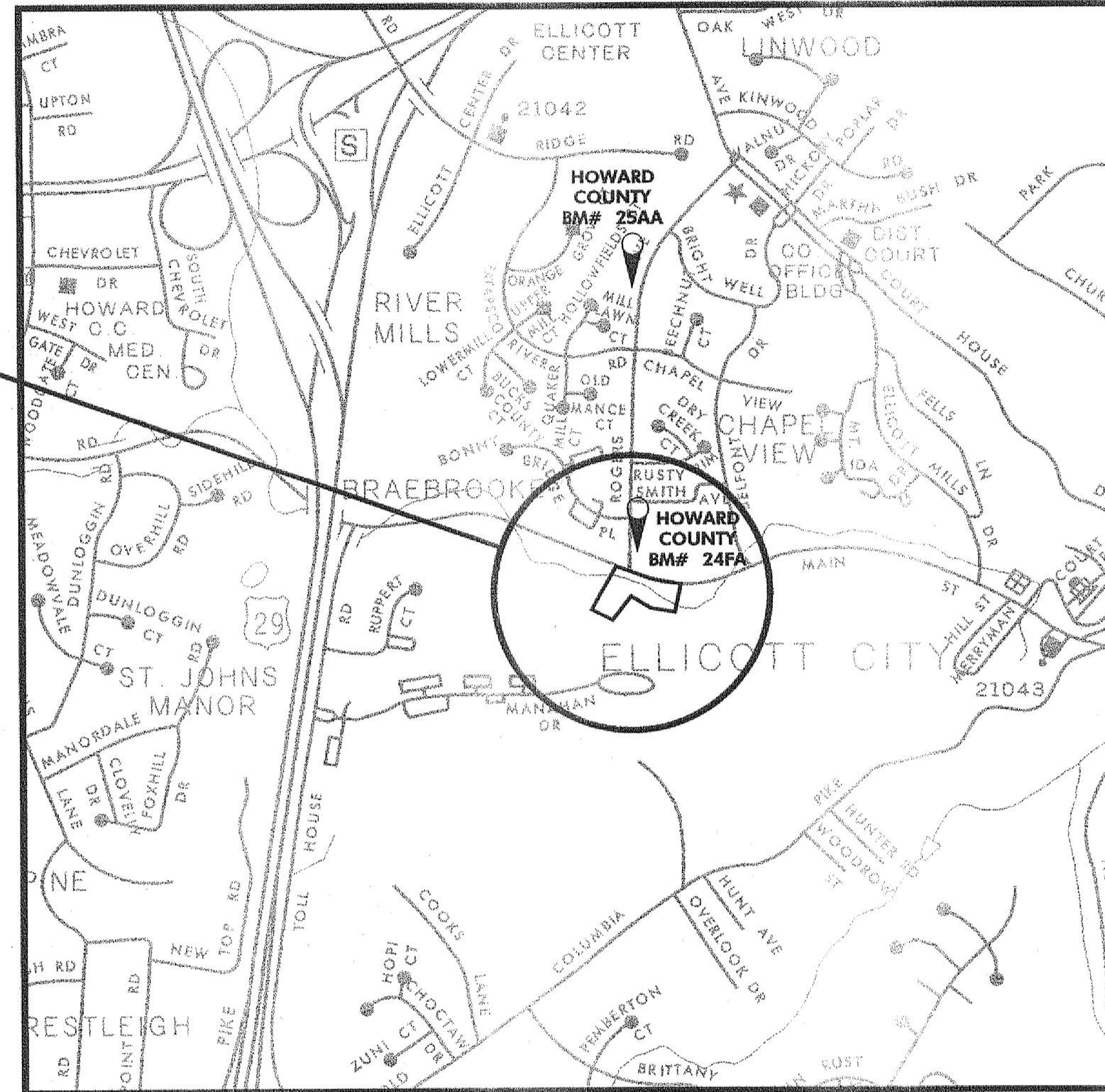
VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES

- COORDINATES SHOWN HEREON ARE BASED ON HOWARD COUNTY GEODETIC SYSTEM POINT NOS. 24FA, 25AA HORIZ. NAD 83 DATUM.
- INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM THE BEST AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATIONS AND ELEVATIONS OF THE UTILITIES BY DIGGING TEST PITS AT ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION. IF CLEARANCES ARE LESS THAN SPECIFIED ON THIS PLAN OR LESS THAN 12 INCHES WHEN NOT SPECIFIED, CONTACT THE ENGINEER AND THE OWNER OF OTHER INVOLVED UTILITY.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
 - MISS UTILITY 1-800-257-7777
 - CONSTRUCTION INSPECTION DIVISION, HOWARD COUNTY (410) 313-1880
 - BALTIMORE GAS & ELECTRIC COMPANY - UNDERGROUND ELECTRIC DISTRIBUTION CUSTOMER SERVICE (410) 685-0123
 - VERIZON 1-800-870-0000
 - AMERICAN TELEPHONE & TELEGRAPH CABLE LOCATION DIVISION (410) 393-3553
 - BUREAU OF UTILITIES, HOWARD COUNTY (410) 313-2040

ADDRESS CHART

Lot / Parcel #	Street Address
220, 221, 227	6688 Main Street



LOCATION MAP
SCALE: 1" = 1000'

- AVOID DAMAGE TO TREES ON THE SITE TO MAXIMUM EXTENT. OTHER TREES WITHIN LIMITS OF CONSTRUCTION SHALL NOT BE DESTROYED WITHOUT APPROVAL OF THE ENGINEER. TREES > 12" DBH WITHIN LOD SHALL BE PROTECTED USING TREE PROTECTIVE FENCING.
- ALL GRADING SHALL BE INSIDE THE L.O.D. SHOWN INCLUDING SIDE SLOPES AND STABILIZATION ONLY. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED AS FOLLOWS:
 - A. SEVEN (7) CALENDAR DAYS FOR THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES, AND ALL SLOPES GREATER THAN THREE HORIZONTAL TO ONE VERTICAL (3h).
 - B. FOURTEEN (14) CALENDAR DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- FOR DETAILS NOT SHOWN ON THESE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD CO. DESIGN MANUAL, VOL. IV STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOL. IV ON THE JOB.
- THE ELLICOTT CITY COLORED SCHOOL SHALL BE MAINTAINED AFTER CONSTRUCTION BY THE HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE PLACED PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- WATER IS PUBLIC, CONTRACT NO. 10-W.
- SEWER IS PUBLIC, CONTRACT NO. 31-S.
- THE FLOODPLAIN STUDY FOR THIS PROJECT WAS PREPARED BY:
 - A. HOWARD COUNTY WATERSHED MODEL UPDATE TIBER-HUDSON HEC-2 FOR STATE OF MARYLAND WATER RESOURCES ADMINISTRATION, PREPARED BY SHELADIA ASSOCIATES, INC., 1987.
 - B. TIBER-HUDSON GREEK WATERSHED MODEL UPDATE FOR HOWARD COUNTY, MARYLAND, HEC-RAS MODEL FOR ELLICOTT CITY COLORED SCHOOL, PREPARED BY PHOENIX ENGINEERING, FEBRUARY 1988.
 - C. TIBER-HUDSON CREEK WATERSHED MODEL UPDATE FOR HOWARD COUNTY, MARYLAND, HEC-RAS MODEL FOR ELLICOTT CITY COLORED SCHOOL, PREPARED BY GREENMAN-PEDERSEN, INC. JULY, 2001.
- THE WETLANDS DELINEATION STUDY FOR THIS PROJECT WAS PREPARED BY GREENMAN-PEDERSEN, INC., NOVEMBER 2000, NO WETLANDS WERE FOUND ON THIS SITE.
- NO TRAFFIC STUDY IS REQUIRED FOR THIS PROJECT.
- STORMWATER MANAGEMENT QUANTITY CONTROL HAS BEEN PROVIDED BY A REDUCTION IN IMPERVIOUS AREA AND RCN VALUE. THE REQUIREMENT FOR STORMWATER MANAGEMENT QUALITY CONTROL HAS BEEN SATISFIED BY A 20% REDUCTION IN IMPERVIOUS AREA IN REDEVELOPMENT AREAS. THE NEW DEVELOPMENT HANDICAP PARKING AREA BEHIND THE SCHOOL BUILDING IS LESS THAN 5,000 SQUARE FEET OF IMPERVIOUS AREA THUS MEETING THE STORMWATER MANAGEMENT REQUIREMENT.
- THE WORK FOR WAIVER (WP-98-141), HUDSON BRANCH STREAM BANK STABILIZATION REQUESTED THE ADDITION OF A MODULAR BLOCK RETAINING WALL AND STABILIZATION OF THE EXISTING HUDSON BRANCH STREAM BANK. THERE ARE NO CONDITIONS OF APPROVAL FOR WAIVER WP-98-141.
- REFORESTATION IS NOT REQUIRED FOR THIS PROJECT. HOWEVER, THE AFFORESTATION REQUIREMENT OF 4,356 S.F. WILL BE SATISFIED BY A FEE-IN-LIEU PAYMENT INTO THE HOWARD COUNTY FOREST CONSERVATION FUND. THIS FEE-IN-LIEU PAYMENT SATISFIES THE FOREST CONSERVATION REQUIREMENT IN ACCORDANCE WITH THE HOWARD COUNTY CODE (FOREST CONSERVATION PROGRAM).
- HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS IS RESPONSIBLE FOR DISPOSITION OF TRASH. NO DUMPSTER IS REQUIRED.

DEVELOPERS CERTIFICATE

I/We 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 Approval 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 of Engineer 3/6/02 Date

ENGINEERS CERTIFICATE

I certify that this plan for erosion and sediment control represents a practical and workable plan based on personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Signature of Engineer 3/4/2002 Date

PERMIT INFORMATION CHART

Subdivision Name	Section/Area	Lot/Parcel No.
N/A	Ellicott City	220, 221, 987
Plat # or L/F	Grid #	Zoning
3544/25	12	R-ED
Tax Map No.	Elect. Dist.	Census Tract
	24	2nd
Water Code	Sewer Code	
25-10-0005	2-74-103	

SITE ANALYSIS DATA CHART

TOTAL PROJECT AREA : 34,848 S.F.
TOTAL AREA DISTURBED: 26,552 S.F.
PRESENT ZONING: R-ED (RESIDENTIAL-ENVIRONMENTAL DEVELOPMENT)
RELATED FILES: WP-98-141
NUMBER OF PARKING SPACES REQUIRED:
5 REGULAR
1 HANDICAP
NUMBER OF PARKING SPACES PROVIDED:
2 BUS
5 REGULAR
1 HANDICAP
PROPOSED USE OF BUILDING:
PUBLIC USE (MUSEUM WITH LIMITED OPENINGS)

RELEVANT BACKGROUND INFORMATION

TAX MAP NO.: 24
ZONING: R-ED
ELECTION DISTRICT: 2ND

HOWARD COUNTY FIELD BOOK SURVEY REFERENCES:
BOOK NO. 2000136.04 DATE SURVEYED 06-16-00
M.D.E. AUTHORIZATION NO.: 00-NT-0522/200161219

- GENERAL NOTE'S CONTINUED**
- The approval of Waiver Petition WP-02-45 Ellicott City Colored School is subject to the following conditions:
 - The work is limited to the improvements shown on SDP-01-130, once signature approval has been completed. The developer must pursue approval of BDP-01-130 through to signature or this waiver approval will be nullified.
 - The petitioner shall minimize all disturbances and provide stabilization in accordance with the approval SDP-01-130.
 - The 20' use setback is not applicable for the handicap parking space behind the existing building.
 - Note: "Existing parking area, building and drive aisle are non-conforming with respect to structure and use setbacks. No additions or expansions are permitted which do not comply with all zoning regulations."

- NOTES:**
- THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN SURVEY WITH ONE FOOT CONTOUR INTERVALS PREPARED BY: GREENMAN-PEDERSEN, INC. DATED: AUGUST, 2000
 - RIGHT-OF-WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENTS. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THEY ARE NOT FOR OFFICIAL "FE" RIGHT-OF-WAY AND EASEMENT INFORMATION, SEE APPROPRIATE RIGHT-OF-WAY PLAT OR PLATS.
 - THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION AND GUIDANCE ONLY. NO GUARANTEE IS MADE AS TO THE ACCURACY OF SAID LOCATIONS. CALL "MISS UTILITY", 1-800-257-7777 FOR UTILITY LOCATIONS AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION.

LEGEND

EXISTING	PROPOSED
CONTOUR	265, 264
EDGE OF ROAD	
CURB AND GUTTER	
SIDEWALK	
STORM DRAIN PIPE	
STORM DRAIN INLET	SD INLET
STORM DRAIN HEADWALL	
WATER MAIN	12" W
FIRE HYDRANT	FH
WELL	WELL
GAS MAIN	G.V.
GAS VALVE	G.V.
SANITARY SEWER MAIN	4" DP
SANITARY SEWER CLEANOUT	CO
SANITARY SEWER MANHOLE	SH
OVERHEAD ELECTRIC LINE	OH ELECT.
ELECTRIC CONDUIT	EX. ELECT.
ELECTRIC POLE W/ GUY	
UNDERGROUND CABLE TV	UC CABLE TV
UNDERGROUND TELEPHONE	UC TELE
GUARDRAIL	
W-BEAM TRAFFIC BARRIER AND HANDRAIL	
TREELINE	
PROPERTY/R-O-W LINE	
LIMIT OF DISTURBANCE	
SILT FENCE	
TREE PROTECTIVE FENCE	
STABILIZED CONSTRUCTION ENTRANCE	
LIMIT OF NEW PAVEMENT	
EARTH DIKE	
GABION MATTRESS	

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 1/23/02

Reviewed for Howard SCD and meets Technical Requirements
Jim Magnus 3/19/02 Date
USA Natural Resources Conservation Service
This development is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT
John R. Robinson 3/19/02 Date
Howard SCD

SITE DEVELOPMENT PLANS

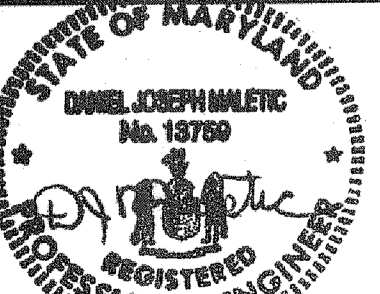
APPROVED: DEPARTMENT OF PLANNING AND ZONING
John R. Robinson 3/20/02 Date
Chief, Development Engineering Division
Cindy Hovatt 4/1/02 Date
Chief, Division of Land Development
John R. Robinson 4/1/02 Date
Director

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
County Health Officer
Howard County Health Department

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
John R. Robinson 3/6/02
DIRECTOR OF PUBLIC WORKS DATE

DEPARTMENT OF RECREATION & PARKS
HOWARD COUNTY, MARYLAND
John R. Robinson 3/6/02
DIRECTOR, DEPARTMENT OF RECREATION & PARKS DATE

GPI GREENMAN-PEDERSEN, INC.
ARCHITECTS, PLANNERS, ENGINEERS & SURVEYORS
10520 GILFORD ROAD, SUITE 100, JESSUP, MD 20794
WASH. DC: 410-2712 BALT. MD: 860-3055
FAX: 1301-490-2649 www.gpiinc.com



DES: W.R.F.
DRN: W.K.T.
CHK: M.S.Z.
DATE: MARCH, 2002

BY	NO	REVISION	DATE

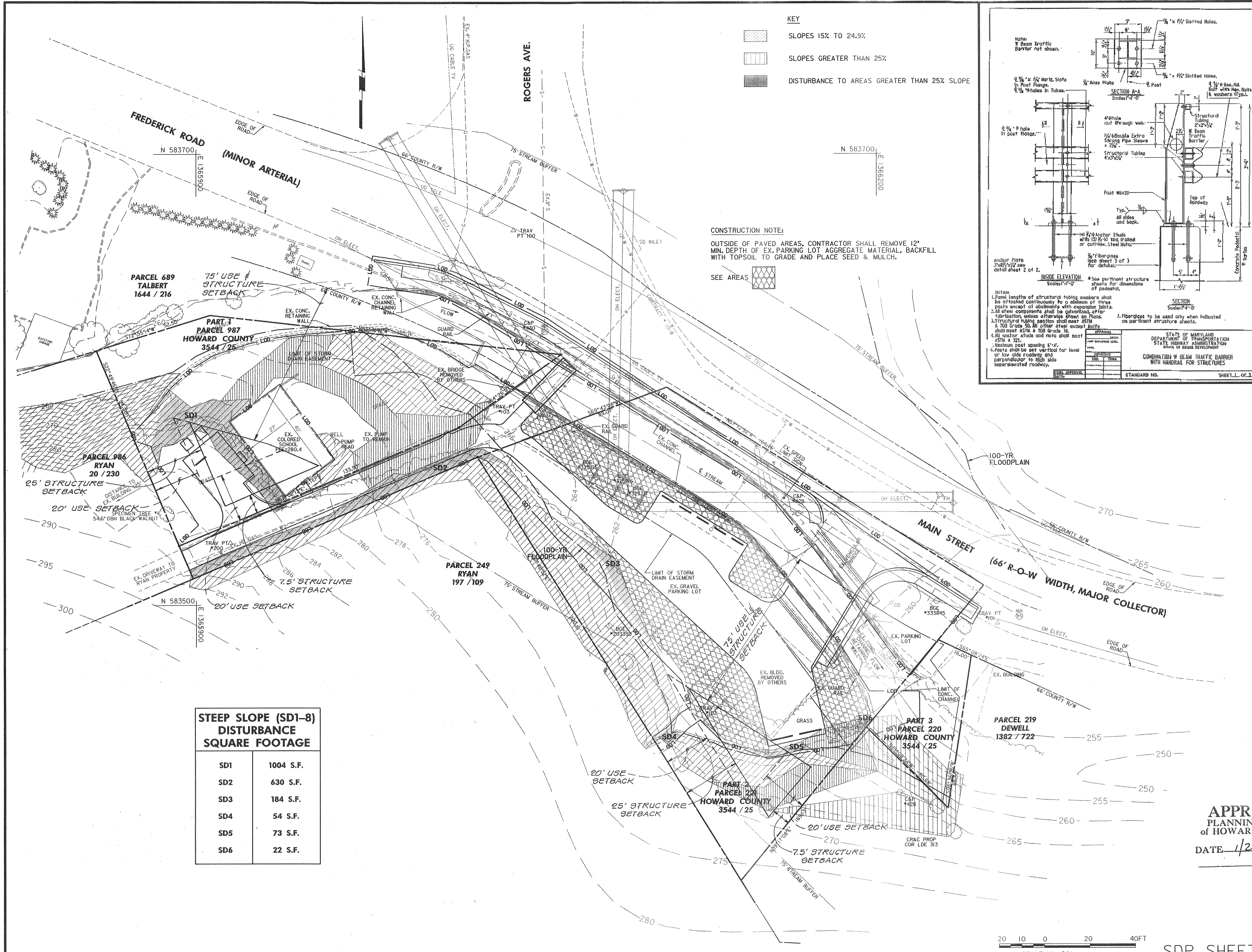
TITLE SHEET

SCALE MAP NO. _____ BLOCK NO. _____

**ELLICOTT CITY COLORED SCHOOL -
ACCESS BRIDGES AND SITE WORK**

HOWARD COUNTY, MARYLAND
CAPITAL PROJECT NO. N-3910

SCALE AS SHOWN
SHEET 1 OF 26
SDP198



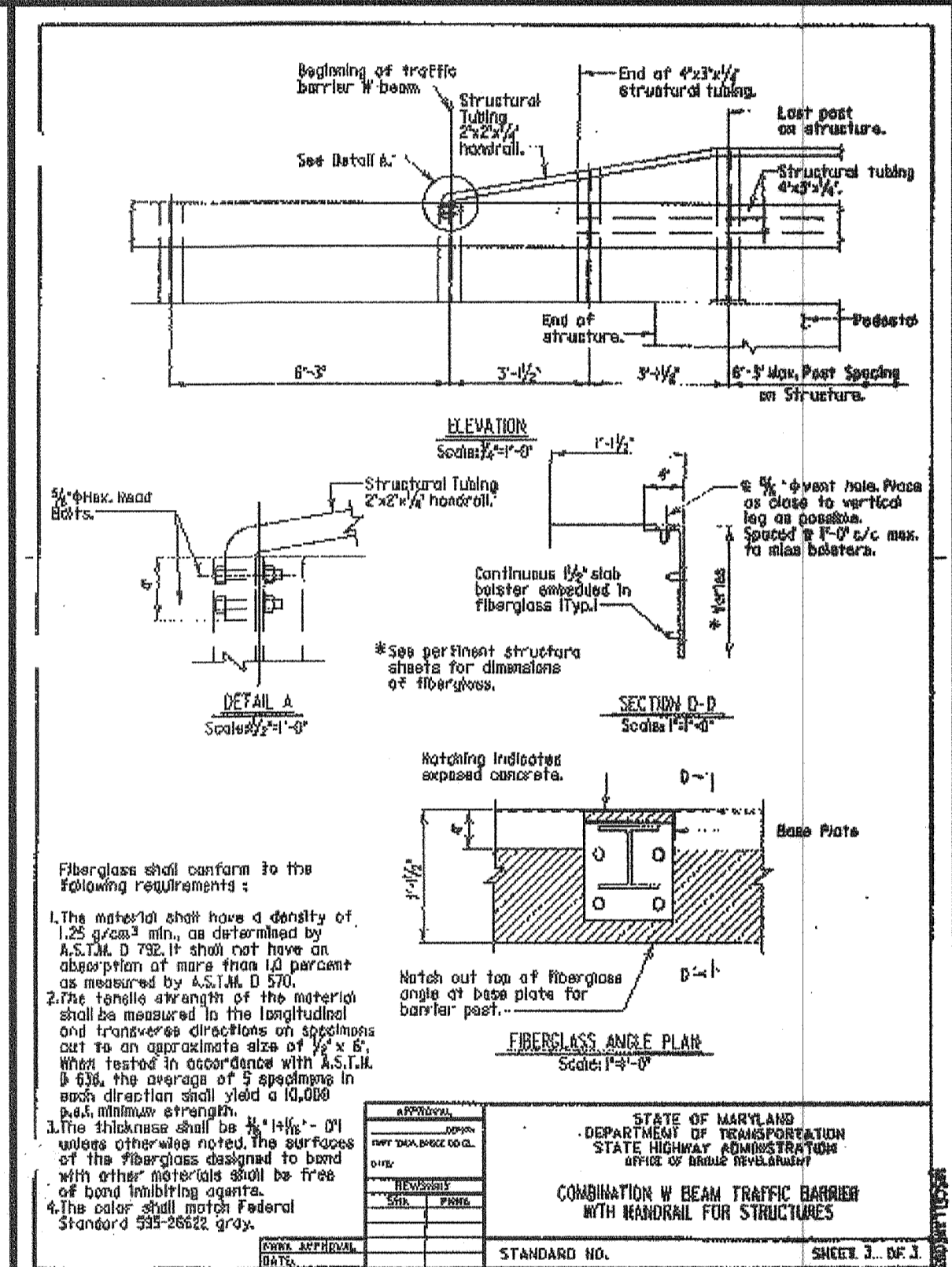
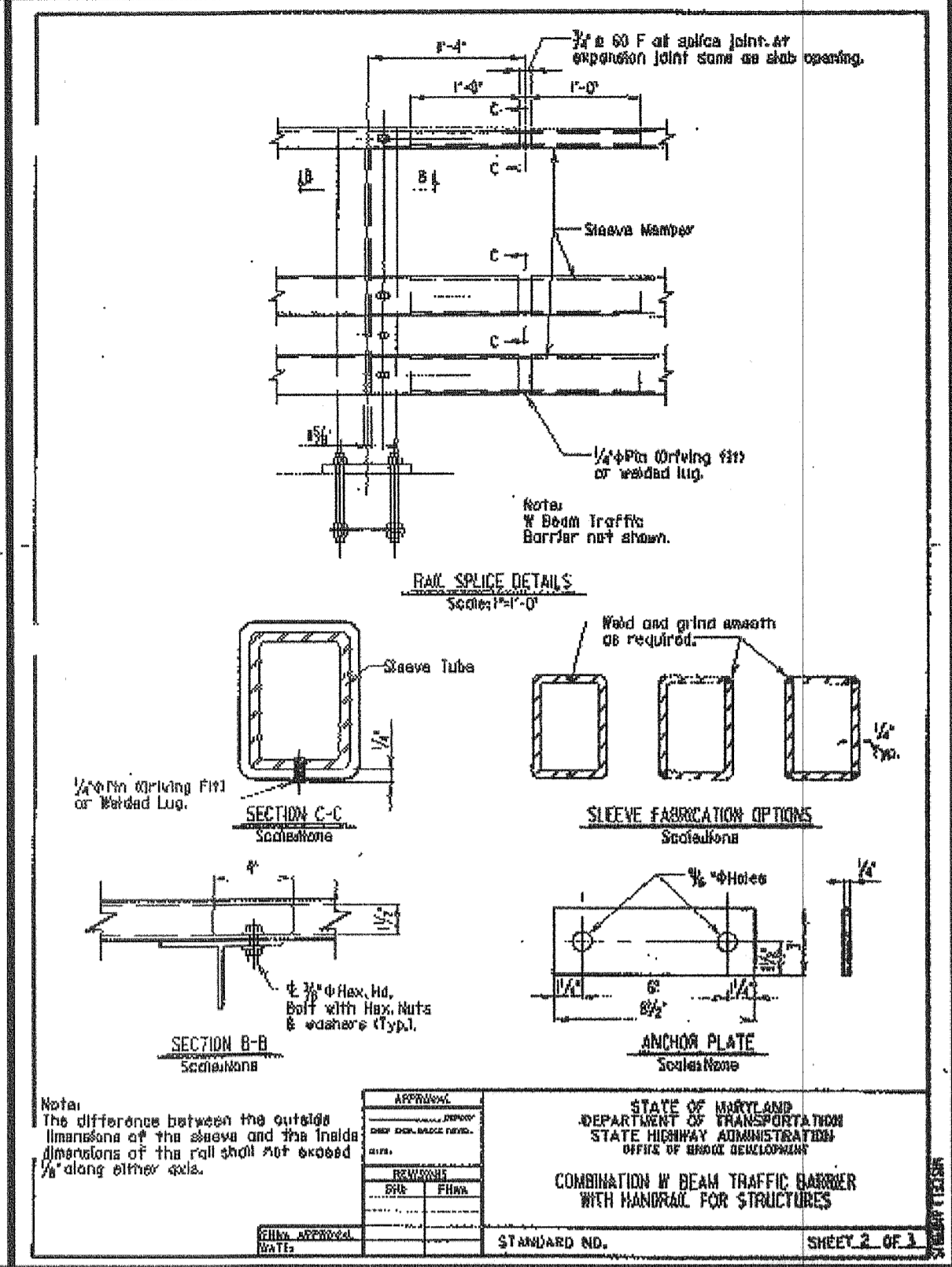
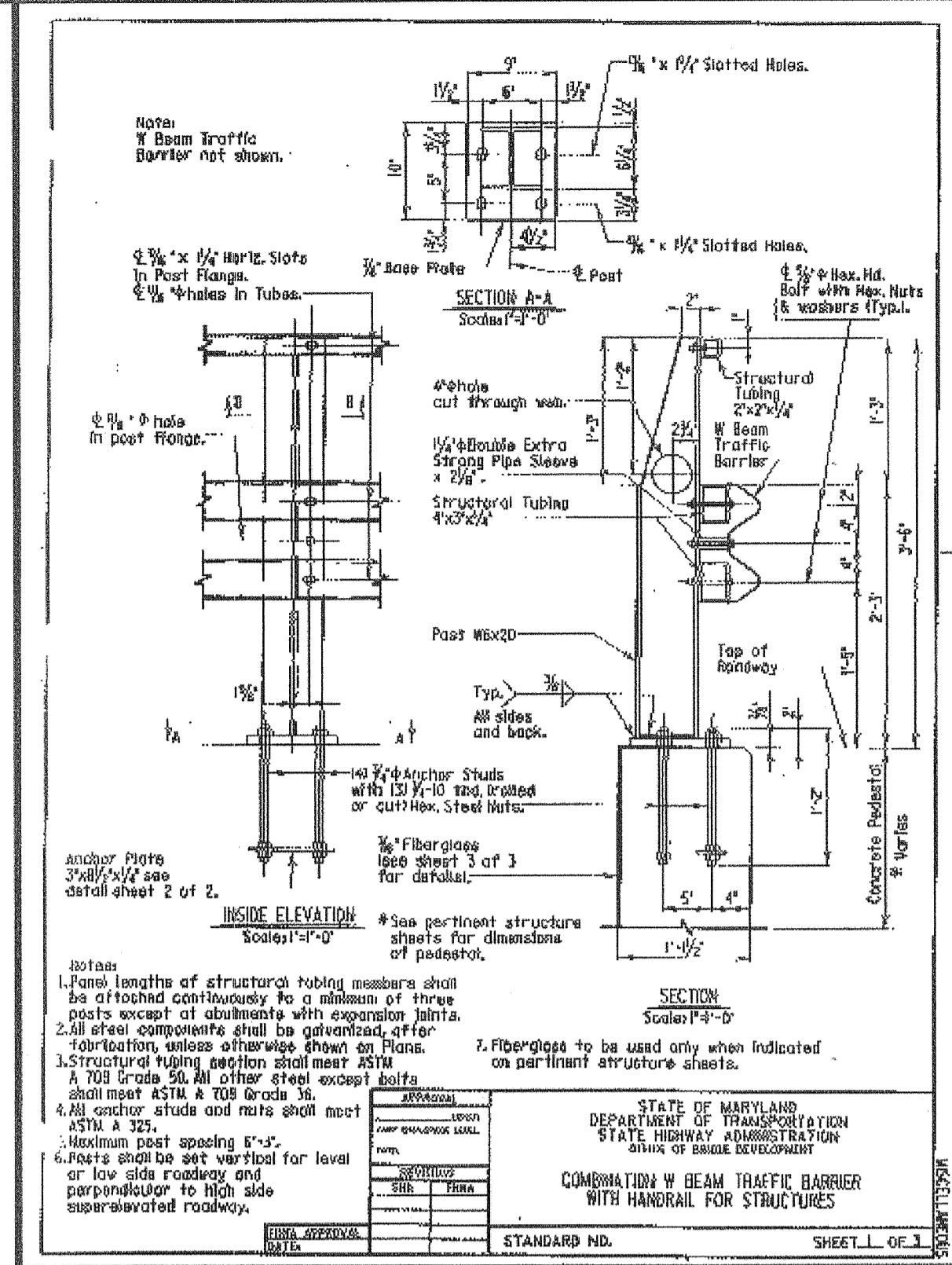
- KEY**
- SLOPES 15% TO 24.9%
 - SLOPES GREATER THAN 25%
 - DISTURBANCE TO AREAS GREATER THAN 25% SLOPE

CONSTRUCTION NOTE:
 OUTSIDE OF PAVED AREAS, CONTRACTOR SHALL REMOVE 12" MIN. DEPTH OF EX. PARKING LOT AGGREGATE MATERIAL, BACKFILL WITH TOPSOIL TO GRADE AND PLACE SEED & MULCH.

SEE AREAS

STEEP SLOPE (SD1-8) DISTURBANCE SQUARE FOOTAGE

SD1	1004 S.F.
SD2	630 S.F.
SD3	184 S.F.
SD4	54 S.F.
SD5	73 S.F.
SD6	22 S.F.



APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE: 1/23/02

SITE DEVELOPMENT PLANS

APPROVED:	DEPARTMENT OF PLANNING AND ZONING
<i>[Signature]</i>	3/20/02
Chief, Development Engineering Division	Date
<i>[Signature]</i>	4/1/02
Chief, Division of Land Development	Date
<i>[Signature]</i>	4/1/02
Director	Date
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS	
County Health Officer	Date
Howard County Health Department	

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
[Signature] 3/6/02
 DIRECTOR OF PUBLIC WORKS DATE

DEPARTMENT OF RECREATION & PARKS
 HOWARD COUNTY, MARYLAND
[Signature] 3-6-02
 DIRECTOR, DEPARTMENT OF RECREATION & PARKS DATE

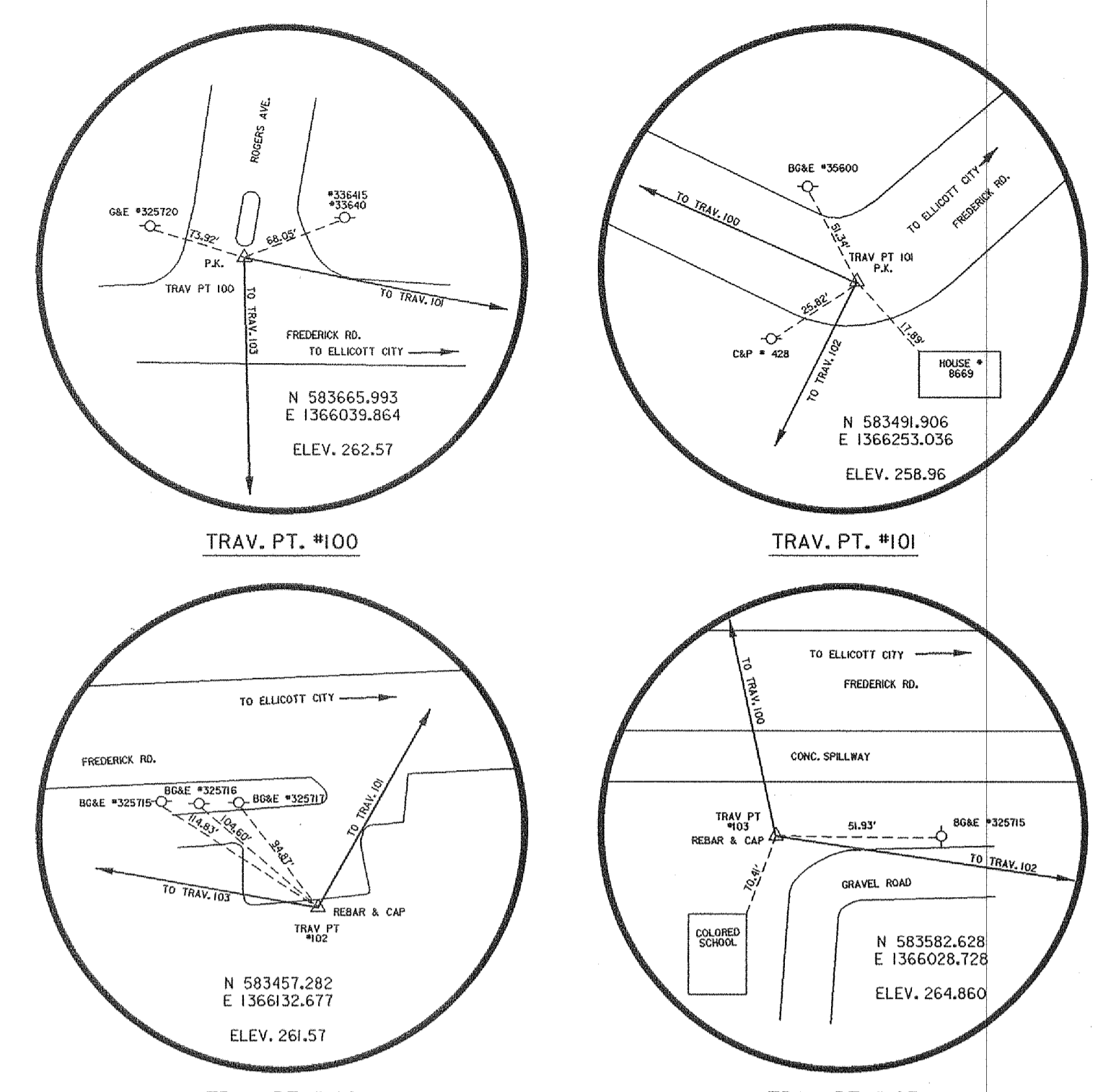
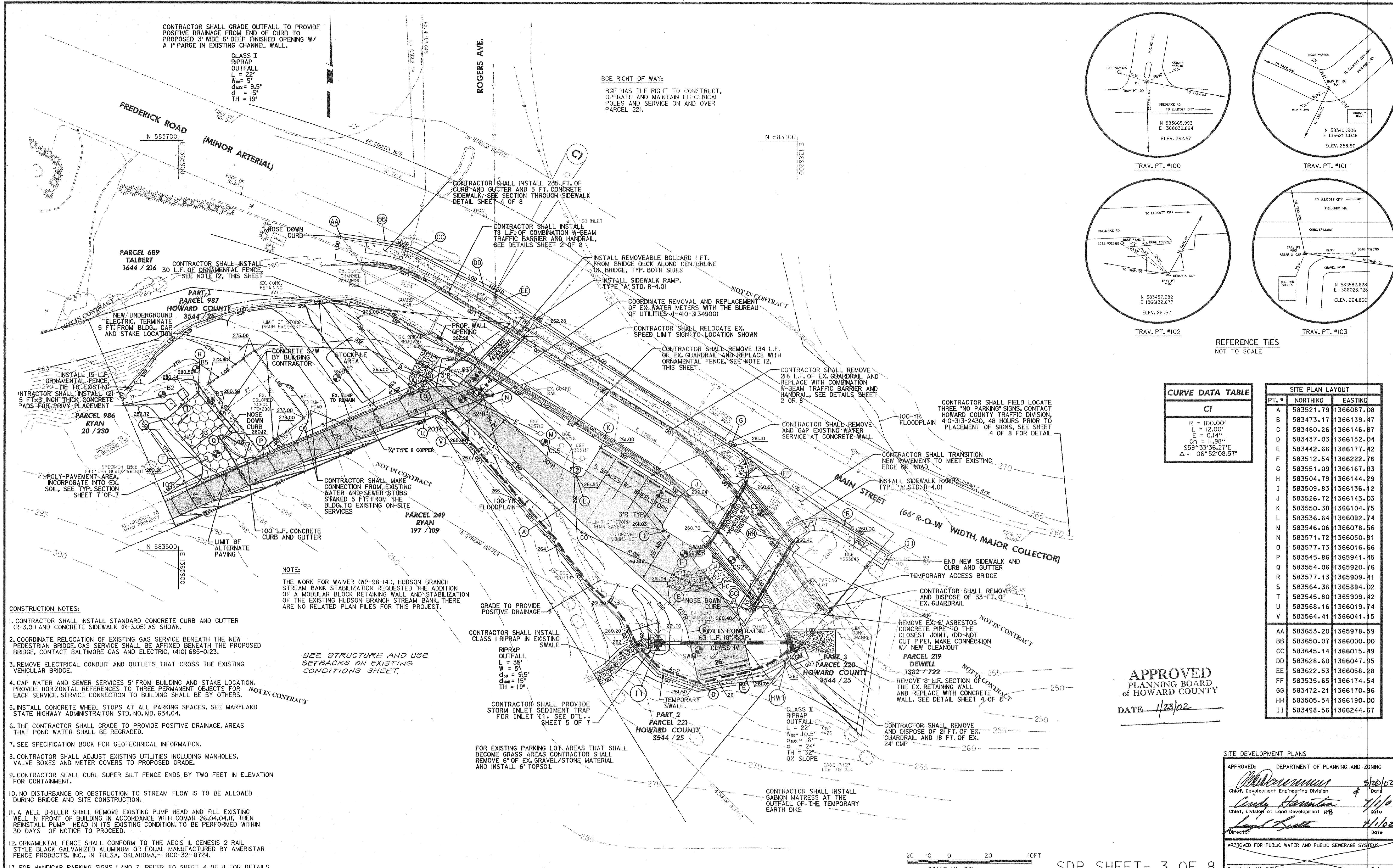
GPI GREENMAN-PEDERSEN, INC.
 ENGINEERS, ARCHITECTS, PLANNERS, CONSTRUCTION ENGINEERS & INSPECTORS
 10220 GLEBEFORD ROAD, SUITE 100, JESSUP, MD 20794
 WASH. (301) 470-2772 BALT. (410) 850-3055
 FAX: (301) 400-2649 www.gpi.net

STATE OF MARYLAND
 DANIEL JOSEPH MALETIC
 No. 13759
 REGISTERED PROFESSIONAL ENGINEER

DES: W.R.F.					
DRN: W.K.T.					
CHK: M.S.Z.					
DATE: MARCH, 2002	BY	NO	REVISION	DATE	

EXISTING CONDITIONS SITE PLAN
 SCALE MAP NO. _____ BLOCK NO. _____

ELLCOTT CITY COLORED SCHOOL - ACCESS BRIDGES AND SITE WORK
 HOWARD COUNTY, MARYLAND
 CAPITAL PROJECT NO. N-3910



CURVE DATA TABLE

CT
R = 100.00'
L = 12.00'
E = 0.14"
Ch = 11.98"
$559^{\circ}33'36.27''$
$\Delta = 06^{\circ}52'08.57''$

SITE PLAN LAYOUT

PT. #	NORTHING	EASTING
A	583521.79	1366087.08
B	583473.17	1366139.47
C	583460.26	1366146.87
D	583437.03	1366152.04
E	583442.66	1366177.42
F	583512.54	1366222.76
G	583551.09	1366167.83
H	583504.79	1366144.29
I	583509.83	1366136.12
J	583526.72	1366143.03
K	583550.38	1366104.75
L	583536.64	1366092.74
M	583546.06	1366078.56
N	583571.72	1366050.91
O	583577.73	1366016.66
P	583545.86	1365941.45
Q	583554.06	1365920.76
R	583577.13	1365909.41
S	583564.36	1365894.02
T	583545.80	1365909.42
U	583568.16	1366019.74
V	583564.41	1366041.15
AA	583653.20	1365978.59
BB	583650.07	1366000.00
CC	583645.14	1366015.49
DD	583628.60	1366047.95
EE	583622.53	1366058.28
FF	583535.65	1366174.54
GG	583472.21	1366170.96
HH	583505.54	1366190.00
II	583498.56	1366244.67

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 1/23/02

- CONSTRUCTION NOTES:**
- CONTRACTOR SHALL INSTALL STANDARD CONCRETE CURB AND GUTTER (R-3.01) AND CONCRETE SIDEWALK (R-3.05) AS SHOWN.
 - COORDINATE RELOCATION OF EXISTING GAS SERVICE BENEATH THE NEW PEDESTRIAN BRIDGE. GAS SERVICE SHALL BE AFFIXED BENEATH THE PROPOSED BRIDGE. CONTACT BALTIMORE GAS AND ELECTRIC, (410) 685-0123.
 - REMOVE ELECTRICAL CONDUIT AND OUTLETS THAT CROSS THE EXISTING VEHICULAR BRIDGE.
 - CAP WATER AND SEWER SERVICES 5' FROM BUILDING AND STAKE LOCATION. PROVIDE HORIZONTAL REFERENCES TO THREE PERMANENT OBJECTS FOR EACH SERVICE. SERVICE CONNECTION TO BUILDING SHALL BE BY OTHERS.
 - INSTALL CONCRETE WHEEL STOPS AT ALL PARKING SPACES, SEE MARYLAND STATE HIGHWAY ADMINISTRATION STD. NO. MD. 634.04.
 - THE CONTRACTOR SHALL GRADE TO PROVIDE POSITIVE DRAINAGE AREAS THAT POND WATER SHALL BE REGRADED.
 - SEE SPECIFICATION BOOK FOR GEOTECHNICAL INFORMATION.
 - CONTRACTOR SHALL ADJUST EXISTING UTILITIES INCLUDING MANHOLES, VALVE BOXES AND METER COVERS TO PROPOSED GRADE.
 - CONTRACTOR SHALL CURL SUPER SILT FENCE ENDS BY TWO FEET IN ELEVATION FOR CONTAINMENT.
 - NO DISTURBANCE OR OBSTRUCTION TO STREAM FLOW IS TO BE ALLOWED DURING BRIDGE AND SITE CONSTRUCTION.
 - A WELL DRILLER SHALL REMOVE EXISTING PUMP HEAD AND FILL EXISTING WELL IN FRONT OF BUILDING IN ACCORDANCE WITH COMAR 26.04.04.J, THEN REINSTALL PUMP HEAD IN ITS EXISTING CONDITION. TO BE PERFORMED WITHIN 30 DAYS OF NOTICE TO PROCEED.
 - ORNAMENTAL FENCE SHALL CONFORM TO THE AEGIS II, GENESIS 2 RAIL STYLE BLACK GALVANIZED ALUMINUM OR EQUAL MANUFACTURED BY AMERISTAR FENCE PRODUCTS, INC., IN TULSA, OKLAHOMA, 1-800-321-8724.
 - FOR HANDICAP PARKING SIGNS 1 AND 2, REFER TO SHEET 4 OF 8 FOR DETAILS.

NOTE:
 THE WORK FOR WAIVER (WP-98-141), HUDSON BRANCH STREAM BANK STABILIZATION REQUESTED THE ADDITION OF A MODULAR BLOCK RETAINING WALL AND STABILIZATION OF THE EXISTING HUDSON BRANCH STREAM BANK. THERE ARE NO RELATED PLAN FILES FOR THIS PROJECT.

SEE STRUCTURE AND USE SETBACKS ON EXISTING CONDITIONS SHEET.

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 [Signature] 3/6/02
 DIRECTOR OF PUBLIC WORKS DATE

DEPARTMENT OF RECREATION & PARKS
 HOWARD COUNTY, MARYLAND
 [Signature] 3.6.02
 DIRECTOR, DEPARTMENT OF RECREATION & PARKS DATE

GPI
 GREENMAN-PEDERSEN, INC.
 ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS & SURVEYORS
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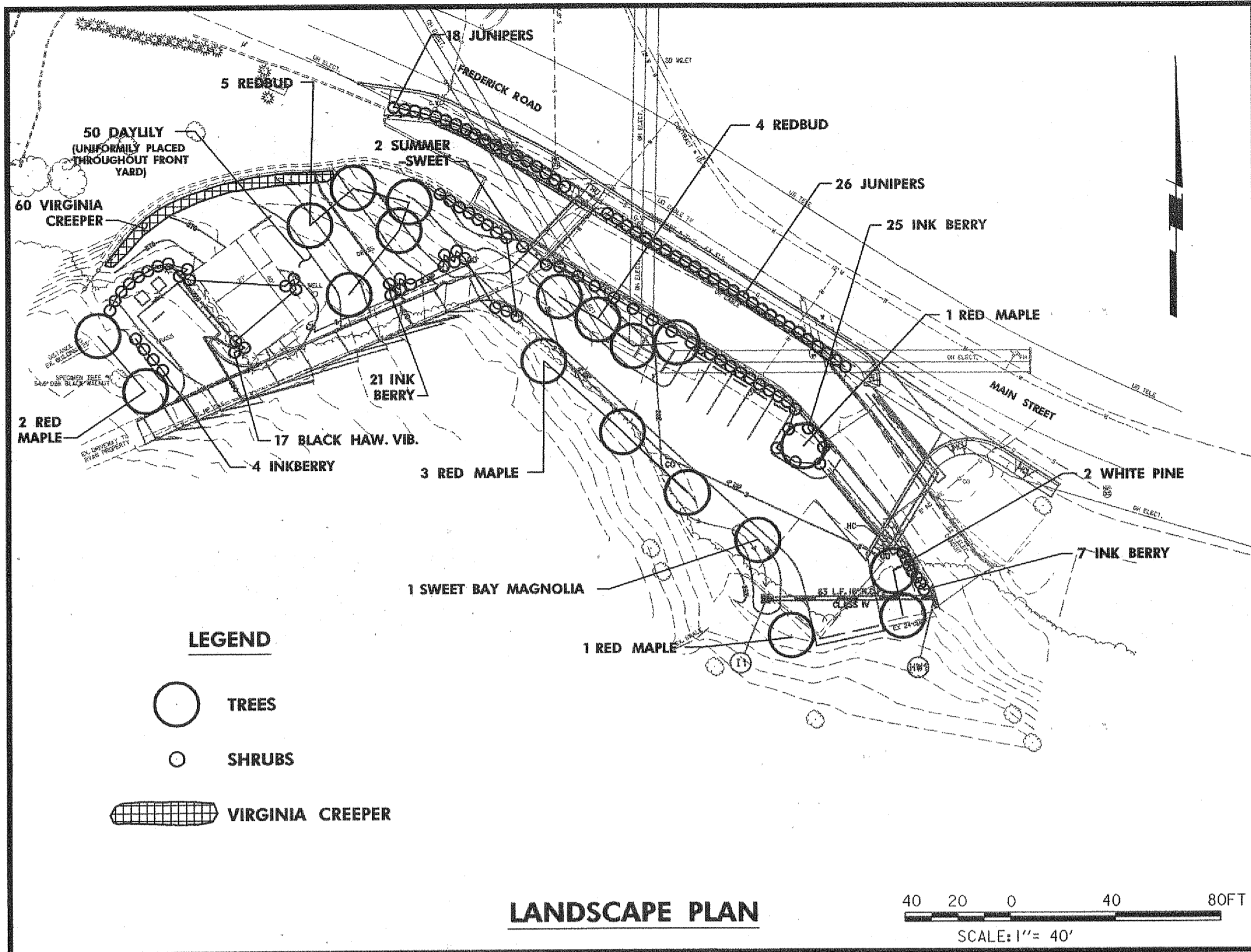
STATE OF MARYLAND
 DANIEL JOSEPH MALETIC
 No. 13750
 [Signature]
 REGISTERED PROFESSIONAL ENGINEER

DES: W.R.F.					
DRN: W.K.T.					
CHK: M.S.Z.					
DATE: MARCH, 2002	BY	NO	REVISION	DATE	

SITE AND SEDIMENT AND EROSION CONTROL PLAN
 SCALE MAP NO. BLOCK NO.

ELLCOTT CITY COLORED SCHOOL - ACCESS BRIDGES AND SITE WORK
 HOWARD COUNTY, MARYLAND
 CAPITAL PROJECT NO. N-3910

SCALE AS SHOWN
 SHEET 3 OF 26
 SDP 3/8



PLANT LIST				
TOTAL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
7	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	3" CAL., B&B	AS SHOWN
2	PINUS STROBUS	WHITE PINE	1" CAL., B&B	AS SHOWN
9	PINUS STROBUS	REDBUD	1" CAL., B&B	AS SHOWN
57	ILEX GLABRA	INKBERRY	18 - 24", POT	AS SHOWN
2	CLETHRA ALNIFOLIA	SUMMERSWEET	18 - 24", POT	AS SHOWN
1	MYRICA PENSYLVANICA	SWEET BAY MAGNOLIA	18 - 24", POT	AS SHOWN
17	VIBURNUM PRUNIFOLIUM	BLACK HAW VIBURNUM	18 - 24", POT	AS SHOWN
50	HEMEROCALIS 'HYPERION'	DAYLILY	1 QT. POT	AS SHOWN
44	ANDORRA	JUNIPER	1 GAL. CONT.	AS SHOWN
60 FLATS	DARTHEMOSSIS QUINQUEFOLIA	VIRGINIA CREEPER	100 EA. FLAT	8" O.C.

INTERIOR GREEN AREA TABULATIONS	
TOTAL PARKING AREA (SMALL LOT)	1,350 s.f.
INTERIOR GREEN AREA REQUIRED	0 s.f.
INTERIOR GREEN AREA PROVIDED	0 s.f.
INTERIOR SHADE TREES REQUIRED	0
INTERIOR SHADE TREES PROVIDED	0

PLANTING NOTES

- Plants shall conform to current 'American Standards for Nursery Stock' by American Association of Nurserymen (AAN), particularly with regards to size, growth, size of ball, and density of branch structure.
- All plants (B&B or container) shall be properly identified by weather-proof labels securely attached thereto before delivery to project site. Labels shall identify plants by name, species, and size. Labels shall not be removed until the final inspection by the Landscape Architect.
- Any material and/or work may be rejected by the Landscape Architect if it does not meet the requirements of the specifications. All rejected materials shall be removed from the site by the contractor.
- The Contractor shall furnish all plants in quantities and sizes to complete the work as specified in the plant schedule.
- Substitutions in plant species or size shall not be permitted except with the written approval of the Landscape Architect.
- Plants shall be located as shown on the drawings and by scaling or as designated in the field by the Landscape Architect. All locations are to be approved by the Landscape Architect before excavation.
- Contractor shall contact Miss Utility prior to any excavation.
- If utility lines are encountered in excavation of tree pits, other locations for trees shall be selected by the Landscape Architect. Such changes shall be made by the contractor without additional compensation. No changes of location shall be made without the approval of the Landscape Architect.
- Contractor shall first locate and mark the underground utilities and delineate the utility easement areas where no planting shall take place, prior to locating and digging the pits for the trees.
- All equipment and tools shall be placed so as to not interfere or hinder the pedestrian and vehicular flow.
- During planting operations, excess and waste materials shall be promptly and frequently removed from the site.
- The Landscape Contractor shall be responsible to verify all plant quantities prior to commencement of work. Quantities in the schedule are for the Contractor's convenience.
- All disturbed areas of the site not planted with shrubs or ground cover shall be seeded with lawn seed.
- All planting beds as shown on the plan are to receive 3-4" of shredded hardwood bark mulch after planting and clean-up operations have been completed.

Forest Conservation Worksheet 2.0

Note: Use 0 for all negative numbers that result from the calculations.

Net Tract Area	A =	0.8
A. Total Tract Area	B =	0.5
B. Area within 100-year nontidal floodplain (Drainage area greater than 400 acres or Class III waters)	C =	0.0
C. Other Deductions	D =	0.3
D. Net Tract Area = (A-B-C)	E =	0.1
Land Use Category: Institutional Use	F =	0.2
E. Afforestation Threshold (Net Tract Area x 20 %)	G =	0.0
F. Reforestation Threshold (Net Tract Area x 50 %)	H =	0.0
Existing Forest Cover	I =	0.0
G. Existing Forest Cover within the Net Tract Area	J =	0.0
H. Area of Forest Above Conservation Threshold	K =	0.0
I. If the Existing Forest Cover is greater than the Conservation Threshold, then H = Existing Forest Cover (G) - Conservation Threshold (F)	L =	0.0
Break Even Point	M =	0.0
J. Break Even (Amount of forest that must be retained so that no mitigation is required) If the area of forest above the Conservation Threshold is greater than zero, then I = (0.2 x the area of forest above Conservation Threshold (H)) + the Conservation Threshold (F)	N =	0.0
K. Forest Clearing Permitted Without Mitigation	P =	0.0
J = Existing Cover (G) - Break Even Point (I)	Q =	0.0
Proposed Forest Clearing	R =	0.1
K. Total Area of Forest to be Cleared	S =	0.1
L. Total Area of Forest Remaining		
L = Existing Forest Cover (G) - forest to be cleared (K)		

Planting Requirements

If you are retaining forest at or above the break even point (I), no planting is required. If not, calculate the planting requirement below:

M. Reforestation for Clearing Above the Conservation Threshold

- If the total area of forest to be retained (L) is greater than or equal to the Conservation Threshold (F), then M = the area of forest to be cleared (K) x 0.25; or
- If the forest to be retained (L) is less than the Conservation Threshold (F), then M = area of forest above Conservation Threshold (H) x 0.25

N. Reforestation for Clearing Below the Conservation Threshold

- If Existing Forest Cover (G) is greater than Conservation Threshold (F) and the forest to be retained (L) is less than the Conservation Threshold (F), then N = 2.0 x (the Conservation Threshold (F) - the forest to be retained (L))
- If Existing Forest is less than or equal to the Conservation Threshold, then N = 2.0 x the forest cleared (K)

P. Credit for Retention Above the Conservation Threshold

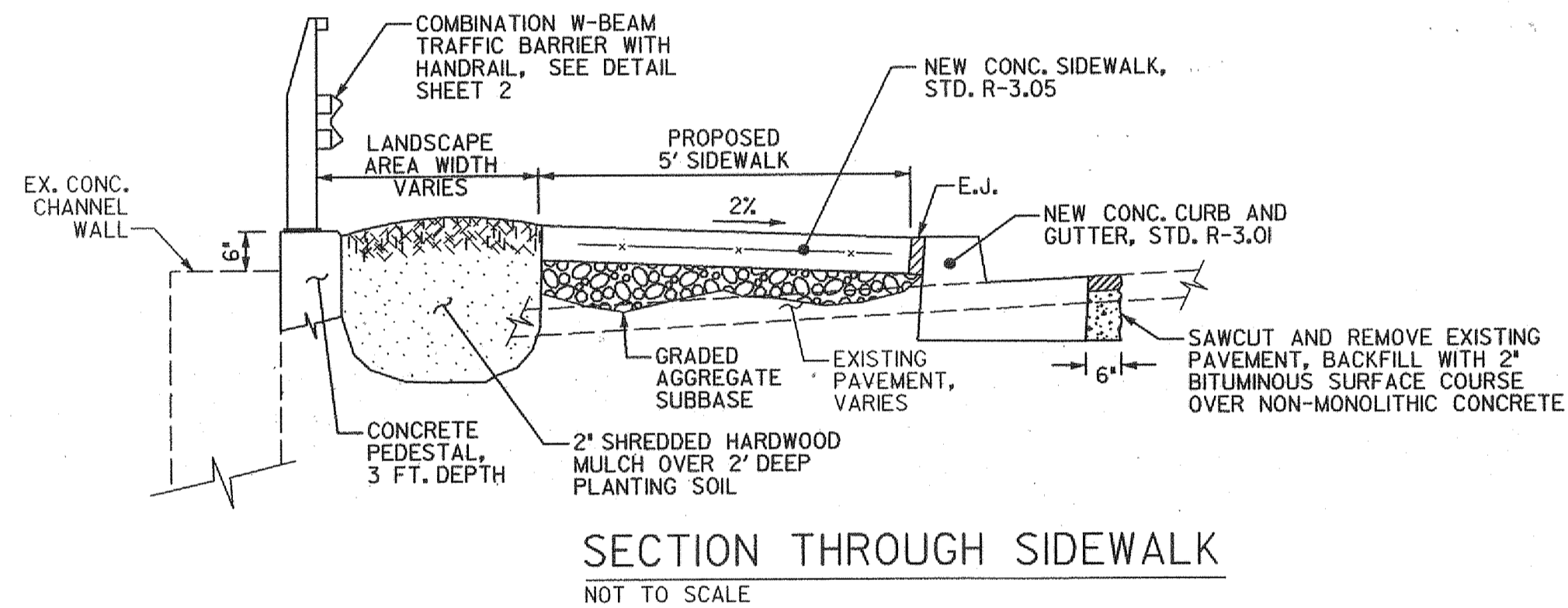
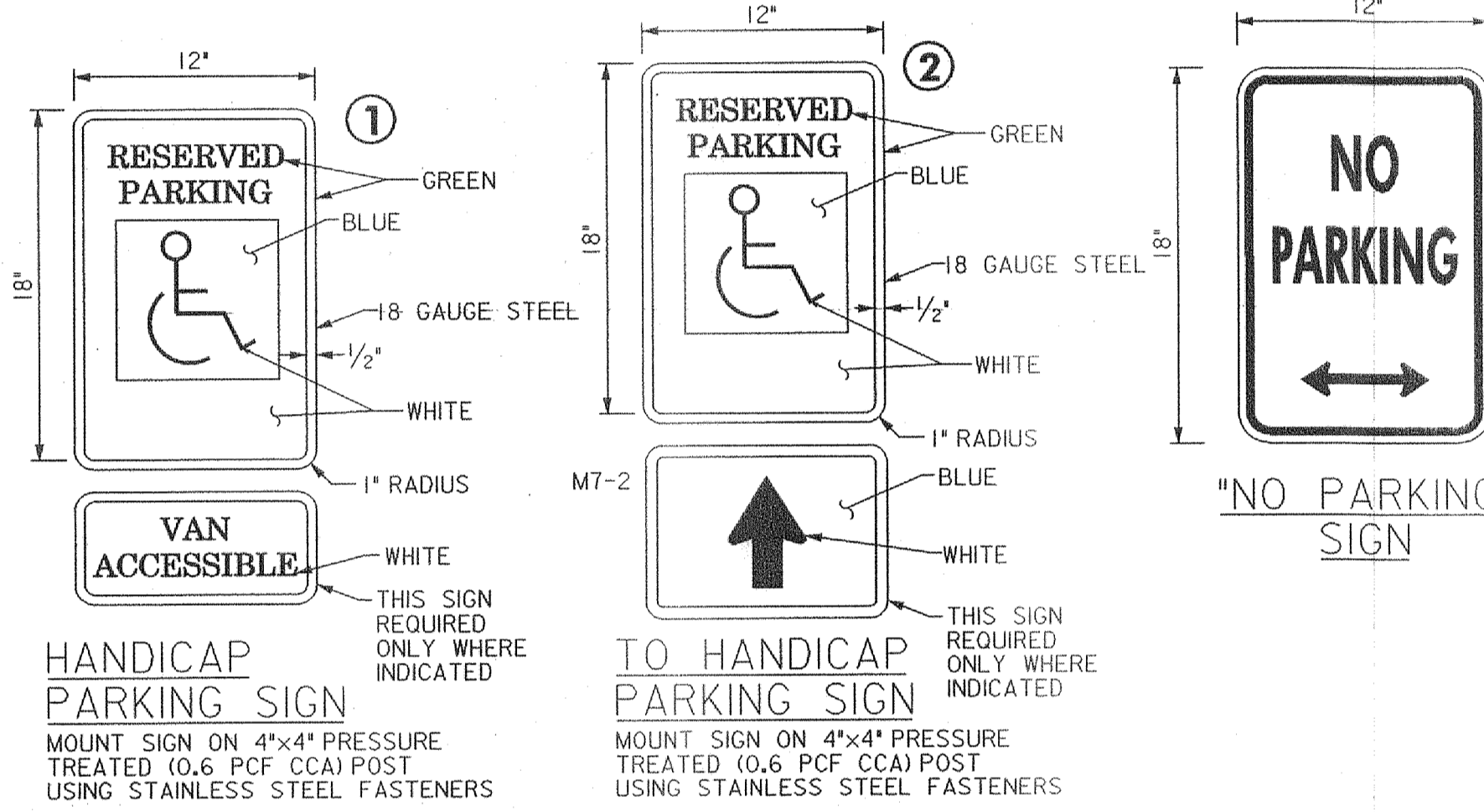
If the area of forest to be retained (L) is greater than the Conservation Threshold (F), then P = L - F

Q. Total Reforestation Required Q = M + N - P

R. Total Afforestation Required

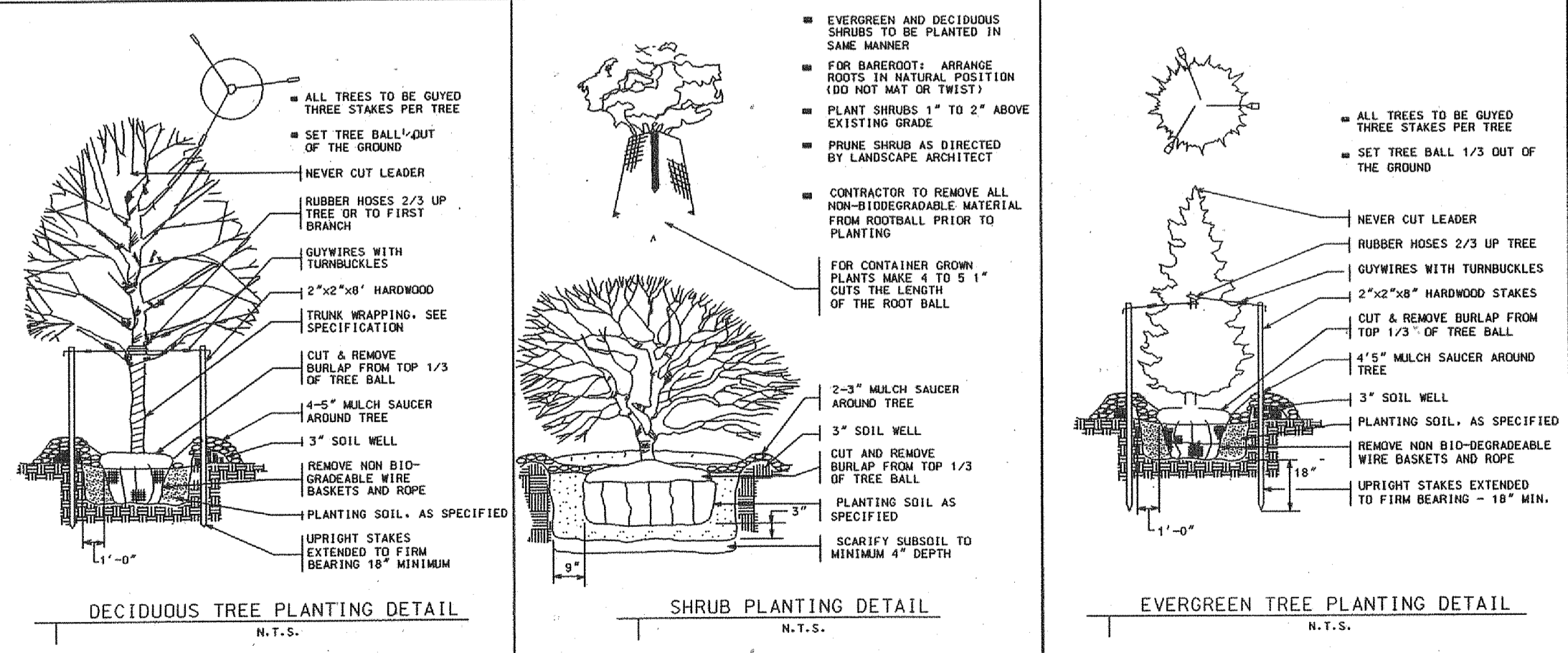
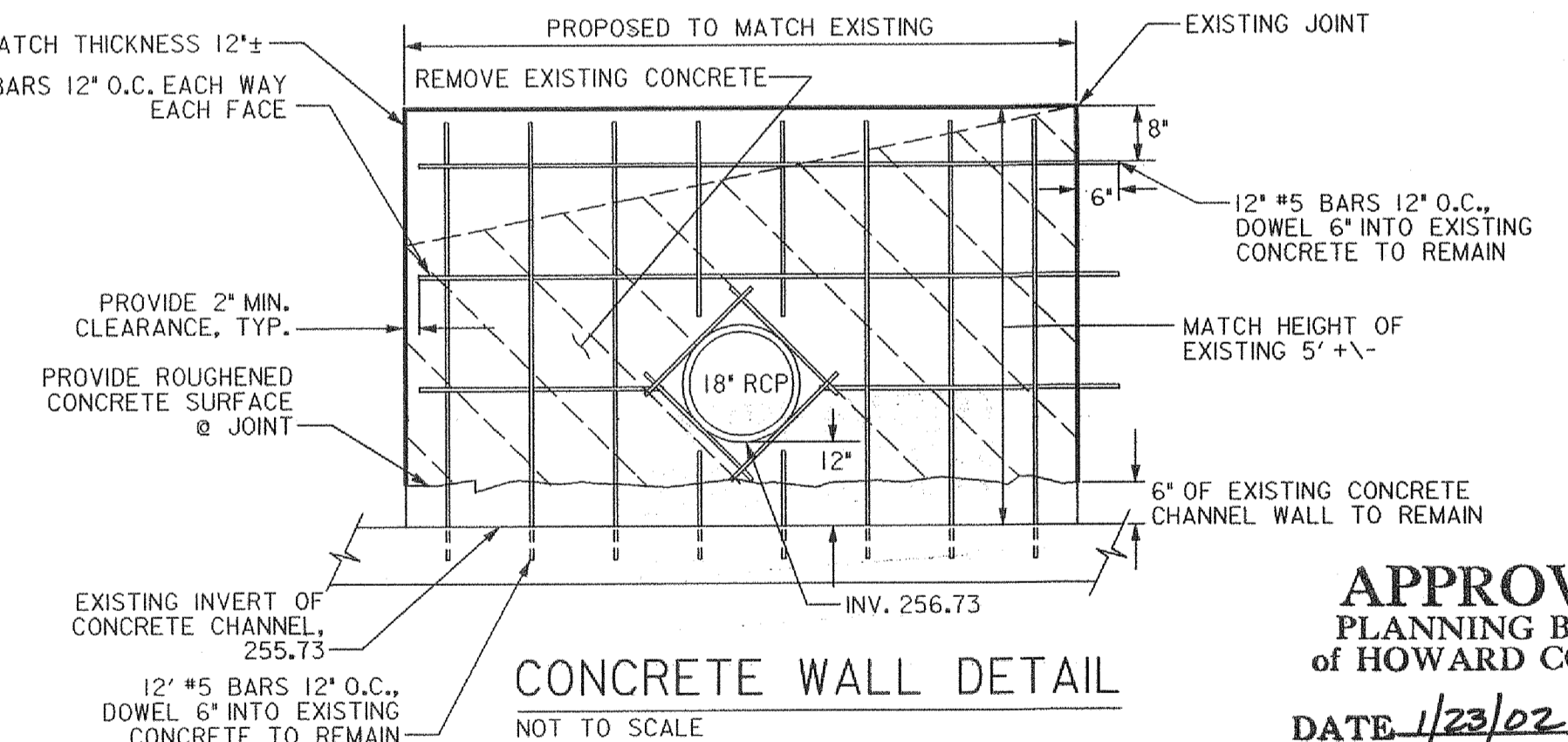
- If Existing Forest Cover (G) is less than the Afforestation Threshold (E) then R = the Afforestation Threshold (E) - the Existing Forest Cover (G)
- If Existing Forest Cover (G) is less than the Afforestation Threshold (E) and you are clearing forest, then R = the Afforestation Threshold (E) - the Existing Forest Cover (G) + (2.0 x Forest to be Cleared (K))

S. Total Planting Requirement S = Q + R



SCHEDULE A PERIMETER LANDSCAPE EDGE		
CATEGORY	ADJACENT TO ROADWAYS	ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	E	C
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	280	80' Parking Lot Behind Building
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO, NONE PROVIDED BETWEEN ROAD AND PARKING LOT	NO EXISTING VEGETATION ON ROADWAY SITE
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	ORNAMENTAL FENCE PROVIDED ALONG ENTIRE SITE PERIMETER	EXISTING ORNAMENTAL FENCE CONSTRUCTED UNDER CORPS OF ENGINEERS CONTRACT
NUMBER OF PLANTS REQUIRED SHADE TREES	7	2 Shade Trees
EVERGREEN TREES	70	20 Shrubs
SHRUBS		
NUMBER OF PLANTS PROVIDED SHADE TREES	5	12
EVERGREEN TREES	2	
OTHER TREES (2) SUBSTITUTION) SHRUBS (2) SUBSTITUTION) (DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)	78	21

COMMENTS:
NO SCREENING OIS REQUIRED FOR AN EXISTING SCHOOL BUILDING. ADDITIONAL SHRUBS WERE ADDED TO SCREEN PARKING LOT BEHIND BUILDING ALONG WITH ORNAMENTAL FENCE.



FOREST CONSERVATION NOTES:

- NO FORESTED HABITATS WERE IDENTIFIED OR DELINEATED WITHIN THE NET TRACT AREA. A 54.5" DBH BLACK WALNUT (JUGLANS NIGRA) SPECIMEN TREE WAS IDENTIFIED AND DELINEATED.
- TREE AREAS WITHIN THE NET TRACT AREA DID NOT SATISFY THE FORESTED HABITAT CRITERIA AS OUTLINED IN THE HOWARD COUNTY FOREST CONSERVATION MANUAL OR THE STATE FOREST CONSERVATION TECHNICAL MANUAL.

APPROVED PLANNING BOARD OF HOWARD COUNTY
DATE 1/23/02

SDP SHEET-4

NO FOREST CONSERVATION SURETY NECESSARY FOR THIS HOWARD CO. CAPITAL IMPROVEMENT PROJECT

NO LANDSCAPE SURETY NECESSARY FOR THIS HOWARD COUNTY CAPITAL IMPROVEMENT PROJECT

SITE DEVELOPMENT PLANS
APPROVED: DEPARTMENT OF PLANNING AND ZONING
Chief, Development Engineering Division 2/2/02
Chief, Division of Land Development 4/1/02
Director 4/1/02

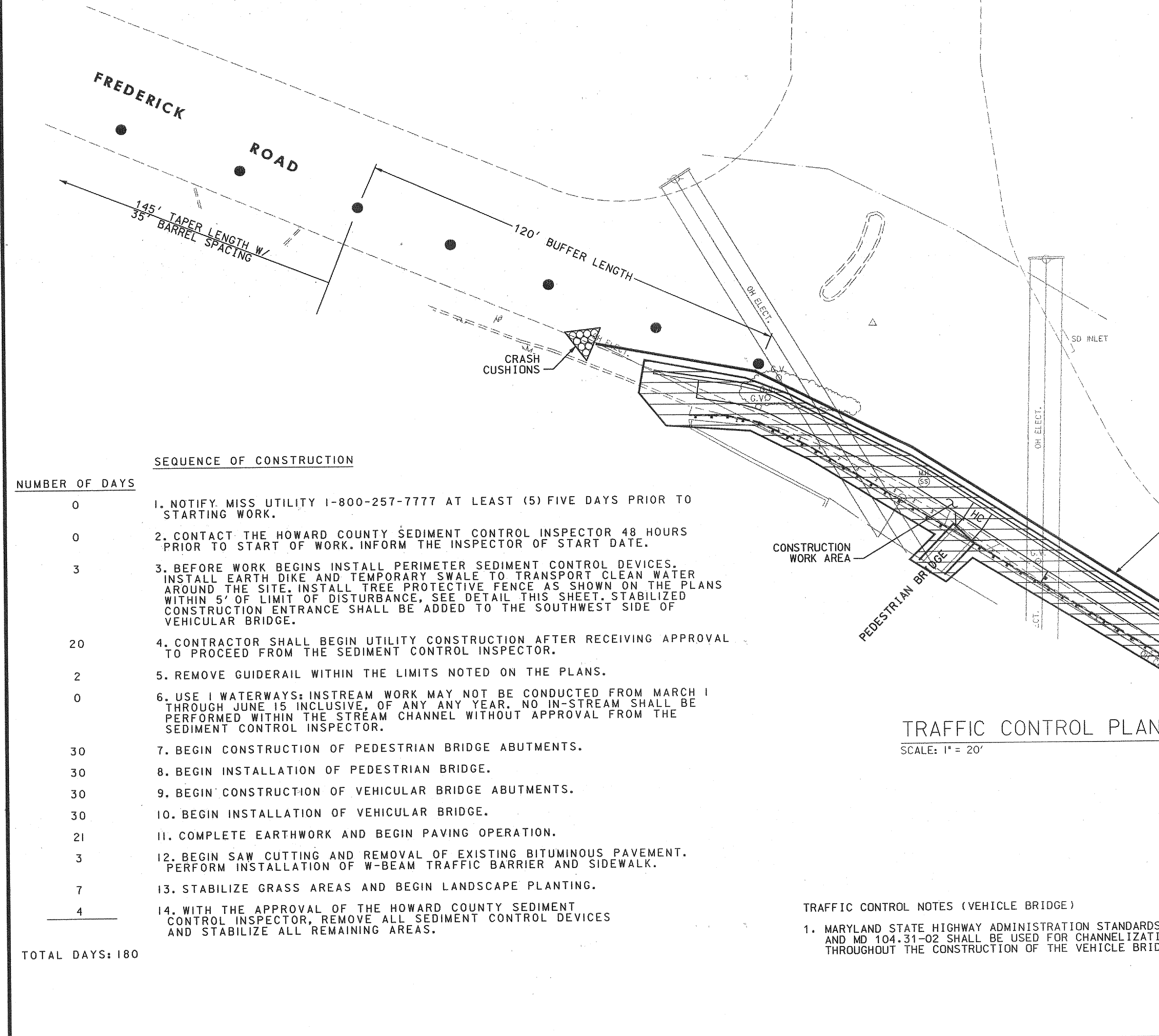
DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 3/6/02	DEPARTMENT OF RECREATION & PARKS HOWARD COUNTY, MARYLAND 3/6/02	GPI GREENMAN-PEDERSEN, INC. DESIGN, ARCHITECT, PLANNING, CONSTRUCTION SERVICES & SERVICES 10520 GLEBEFORD ROAD, SUITE 100, BELTSVILLE, MD 20704 WASH. (301) 470-2772 BALT. (410) 880-3055 FAX: (301) 400-2648 www.gpi.net	DES: W.R.F. DRN: W.K.T. CHK: M.S.Z. DATE: MARCH, 2002	BY NO REVISION	DATE	FOREST CONSERVATION PLAN, LANDSCAPE PLAN AND SITE CONSTRUCTION DETAILS	ELLCOTT CITY COLORED SCHOOL - ACCESS BRIDGES AND SITE WORK HOWARD COUNTY, MARYLAND CAPITAL PROJECT NO. N-3910	SCALE AS SHOWN SHEET 4 OF 26 SDP 48
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TRAFFIC CONTROL NOTES (PEDESTRIAN BRIDGE):

- MARYLAND STATE HIGHWAY ADMINISTRATION STANDARDS MD.104.04-02 AND MD 104.31-02 SHALL BE USED FOR CHANNELIZATION OF TRAFFIC THROUGHOUT THE CONSTRUCTION OF THE PEDESTRIAN BRIDGE.
- MARYLAND STATE HIGHWAY ADMINISTRATION STANDARDS MD.104.35, MD 104.87-02, MD 104.86 AND MD104.91-01 SHALL BE USED FOR THE LANE SHIFT ALONG FREDERICK ROAD.

TRAFFIC CONTROL GENERAL NOTES:

- HOWARD COUNTY SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF BEGINNING ANY WORK IN ORDER TO SCHEDULE A FIELD INSPECTION OF THE TRAFFIC CONTROL DEVICES, (410) 313-2430.
- ALL CONSTRUCTION AND MATERIALS FOR THE TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE STANDARDS IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- TRAVEL LANES SHALL BE A MINIMUM OF TEN FEET IN WIDTH, SINGLE LANE CLOSURES SHALL BE ALLOWED BETWEEN THE HOURS OF 9:00AM AND 4:00PM, FLAGMEN AND THE APPROPRIATE SIGNING SHALL BE PROVIDED, THE ROADWAY SHALL BE OPENED TO TWO LANES AT NIGHT UNLESS APPROVED BY THE HOWARD COUNTY TRAFFIC DIVISION.
- ALL SIGNS THAT DO NOT APPLY SHALL BE COVERED.
- ACCESS SHALL BE PROVIDED TO ALL EXISTING DRIVEWAYS AT ALL TIMES.
- ALL CONES, BARRELS AND FLAGMEN SHALL BE MOVED ACCORDINGLY AS CONSTRUCTION PROGRESSES.
- ALL CONSTRUCTION SIGNING SHALL BE IN ACCORDANCE WITH THE TYPICAL SIGN PLACEMENT SHOWN ON THESE PLANS AND SHALL NOT OBSTRUCT EXISTING TRAFFIC CONTROL DEVICES.
- CONSTRUCTION EQUIPMENT AND WORKMENS VEHICLES SHALL NOT BE PARKED IN A MANNER THAT WILL IMPEDE TRAFFIC OR IMPAIR SITE DISTANCE. THESE VEHICLES SHOULD BE PARKED OFF-STREET ON THE CONSTRUCTION SITE OR ON A SIDE STREET NOT UNDER CONSTRUCTION.

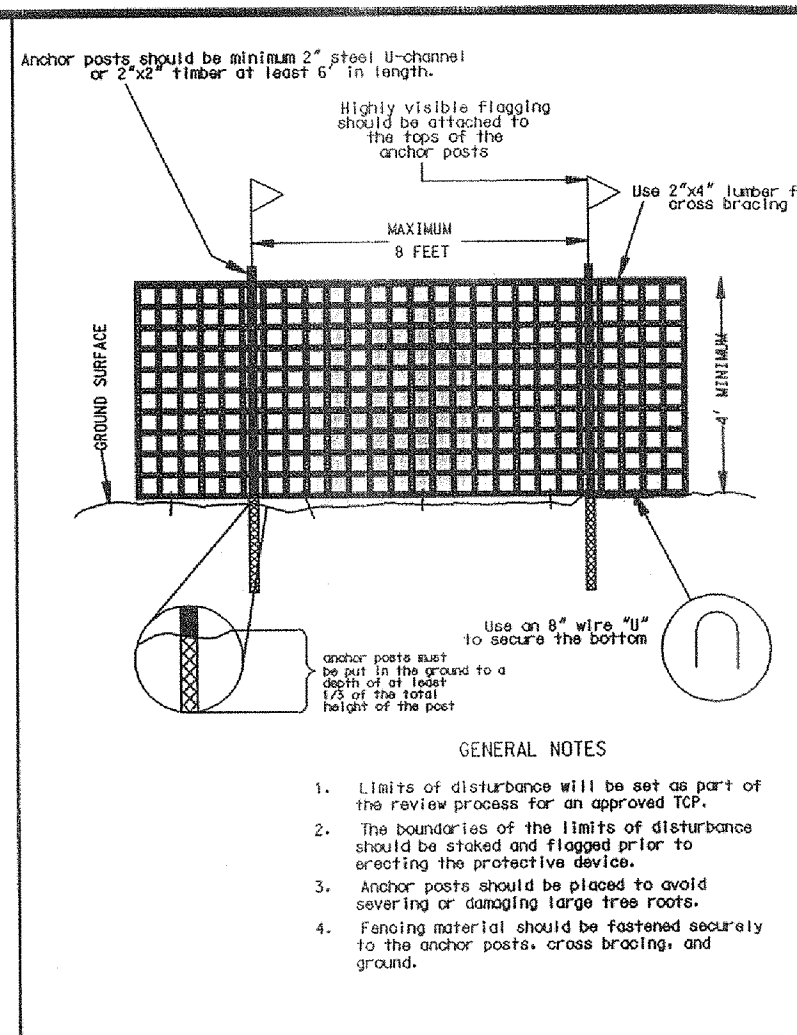


SEQUENCE OF CONSTRUCTION

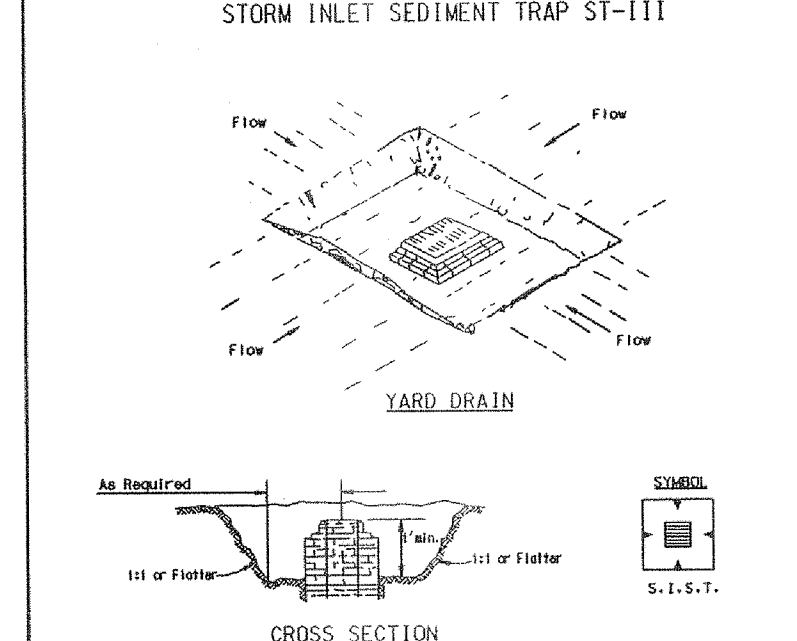
NUMBER OF DAYS	DESCRIPTION
0	1. NOTIFY MISS UTILITY 1-800-257-7777 AT LEAST (5) FIVE DAYS PRIOR TO STARTING WORK.
0	2. CONTACT THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR 48 HOURS PRIOR TO START OF WORK. INFORM THE INSPECTOR OF START DATE.
3	3. BEFORE WORK BEGINS INSTALL PERIMETER SEDIMENT CONTROL DEVICES. INSTALL EARTH DIKE AND TEMPORARY SWALE TO TRANSPORT CLEAN WATER AROUND THE SITE. INSTALL TREE PROTECTIVE FENCE AS SHOWN ON THE PLANS WITHIN 5' OF LIMIT OF DISTURBANCE. SEE DETAIL THIS SHEET. STABILIZED CONSTRUCTION ENTRANCE SHALL BE ADDED TO THE SOUTHWEST SIDE OF VEHICULAR BRIDGE.
20	4. CONTRACTOR SHALL BEGIN UTILITY CONSTRUCTION AFTER RECEIVING APPROVAL TO PROCEED FROM THE SEDIMENT CONTROL INSPECTOR.
2	5. REMOVE GUIDERAIL WITHIN THE LIMITS NOTED ON THE PLANS.
0	6. USE 1 WATERWAYS: INSTREAM WORK MAY NOT BE CONDUCTED FROM MARCH 1 THROUGH JUNE 15 INCLUSIVE. OF ANY YEAR. NO IN-STREAM SHALL BE PERFORMED WITHIN THE STREAM CHANNEL WITHOUT APPROVAL FROM THE SEDIMENT CONTROL INSPECTOR.
30	7. BEGIN CONSTRUCTION OF PEDESTRIAN BRIDGE ABUTMENTS.
30	8. BEGIN INSTALLATION OF PEDESTRIAN BRIDGE.
30	9. BEGIN CONSTRUCTION OF VEHICULAR BRIDGE ABUTMENTS.
30	10. BEGIN INSTALLATION OF VEHICULAR BRIDGE.
21	11. COMPLETE EARTHWORK AND BEGIN PAVING OPERATION.
3	12. BEGIN SAW CUTTING AND REMOVAL OF EXISTING BITUMINOUS PAVEMENT. PERFORM INSTALLATION OF W-BEAM TRAFFIC BARRIER AND SIDEWALK.
7	13. STABILIZE GRASS AREAS AND BEGIN LANDSCAPE PLANTING.
4	14. WITH THE APPROVAL OF THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE ALL REMAINING AREAS.

TOTAL DAYS: 180

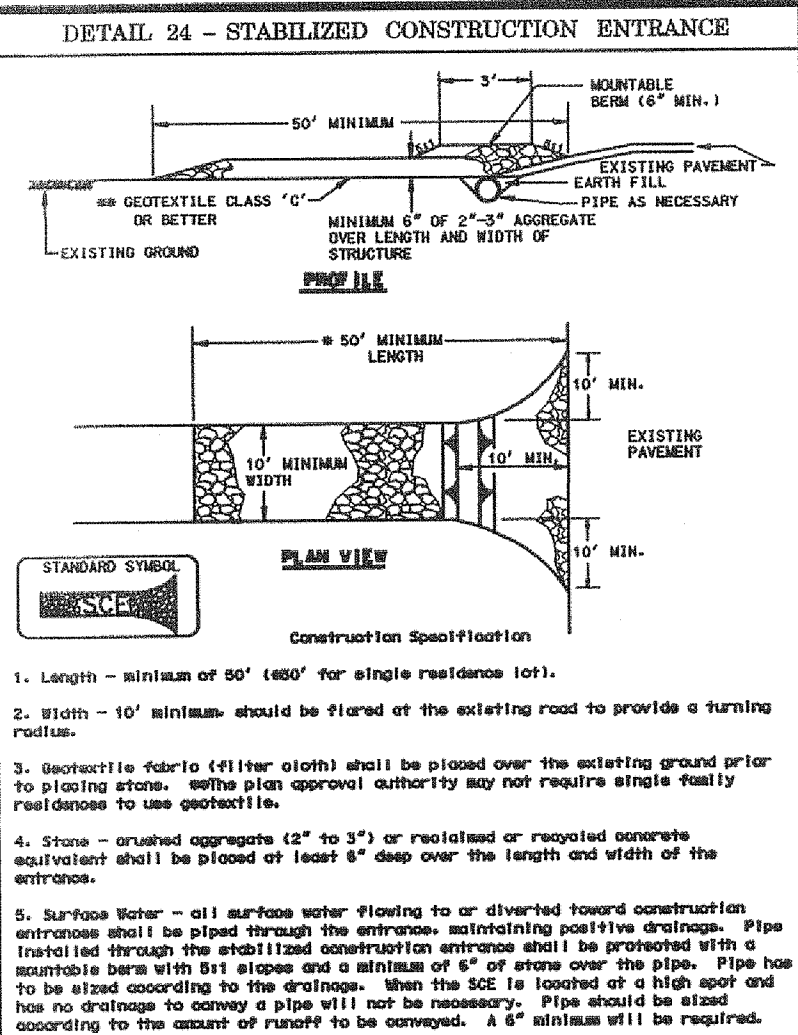
- TRAFFIC CONTROL NOTES (VEHICLE BRIDGE)**
- MARYLAND STATE HIGHWAY ADMINISTRATION STANDARDS MD 104.04-02 AND MD 104.31-02 SHALL BE USED FOR CHANNELIZATION OF TRAFFIC THROUGHOUT THE CONSTRUCTION OF THE VEHICULAR BRIDGE.



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE P-21-2	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE P-21-3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE P-21-4	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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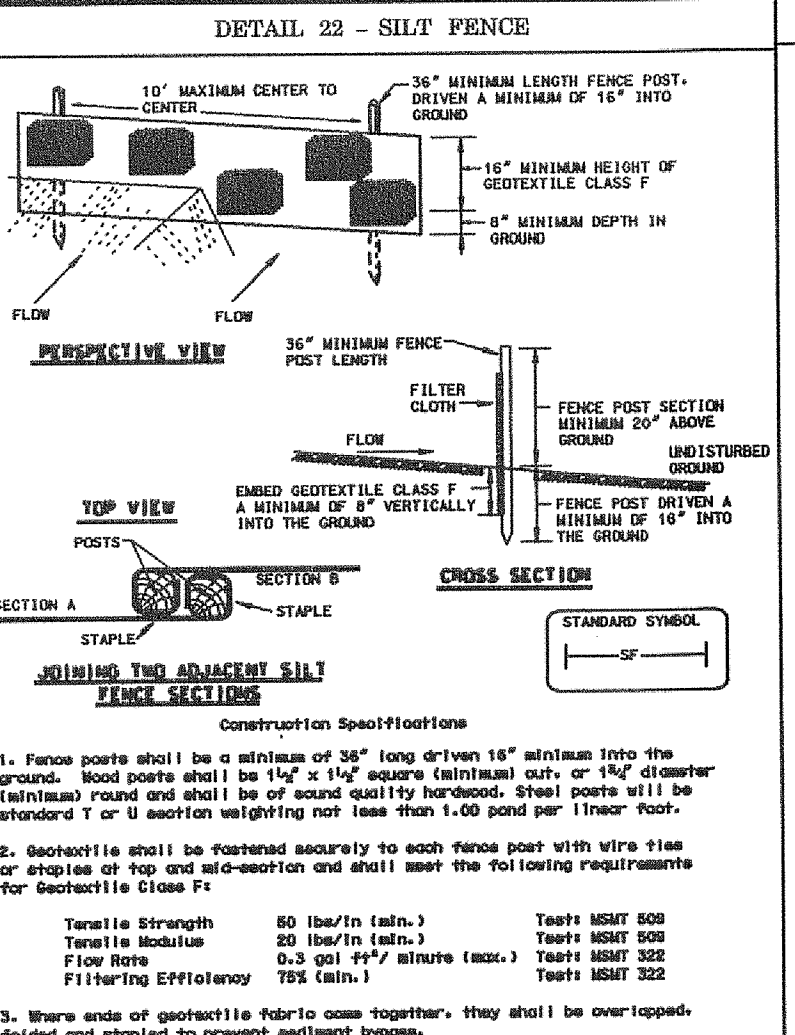
SILT FENCE

Silt Fence Design Criteria

Slope Steepness	(Minimum) Slope Length	(Maximum) 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	80 feet	500 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

Notes: In areas of less than 2:1 slope and sandy soils (USDA 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 perimeter control required.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE P-21-5	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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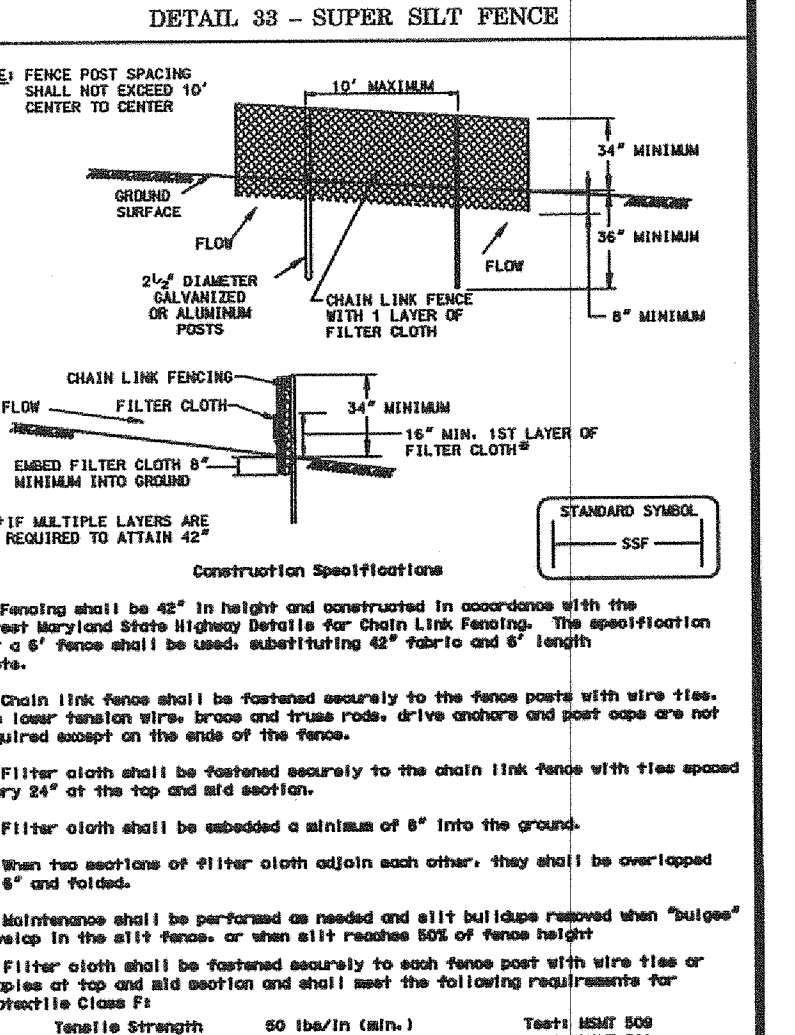
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE P-21-6	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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SUPER SILT FENCE

Design Criteria

Slope	Slope Steepness	Slope Length (Minimum)	Silt Fence Length (Maximum)
0 - 10%	0 - 10:1	Unlimited	Unlimited
10 - 20%	10:1 - 5:1	200 feet	1,000 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 P-21-7	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE P-21-8	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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GABION INFLOW PROTECTION

Construction Specifications

- Gabion inflow protection shall be constructed of 6' x 3' x 3' gabion baskets forming a trapezoidal cross section 1' deep, with 2:1 side slopes, and a 3' bottom width.
- Geotextile Class C shall be installed under all gabion baskets.
- The stone used to fill the gabion baskets shall be 4" - 12".
- Gabion Inflow Protection shall be used where concentrated flow is present on slopes steeper than 4:1.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE P-21-9	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 1/23/02

SITE DEVELOPMENT PLANS

APPROVED:
DEPARTMENT OF PLANNING AND ZONING

[Signature] 3/2/02
Chief, Development Engineering Division

[Signature] 4/1/02
Chief, Division of Legal Development

[Signature] 4/1/02
Director

SDP SHEET- 5 OF 8

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 3/1/02
DIRECTOR OF PUBLIC WORKS

DEPARTMENT OF RECREATION & PARKS
HOWARD COUNTY, MARYLAND

[Signature] 3-6-02
DIRECTOR, DEPARTMENT OF RECREATION & PARKS

GPI
GREENMAN-PEDERSEN, INC.
ENGINEERS, ARCHITECTS, PLANNERS, CONSTRUCTION MANAGERS & INSPECTORS
10620 GULFORD ROAD, SUITE 100, JESSUP, MD, 20794
PH: (301) 470-2772 FAX: (301) 470-2649

STATE OF MARYLAND
DANIEL JOSEPH MALETIC
No. 12760
REGISTERED PROFESSIONAL ENGINEER

DES: W.R.F.					
DRN: W.K.T.					
CHK: M.S.Z.					
DATE: MARCH, 2002	BY: NO	REVISION	DATE	SCALE MAP NO.	BLOCK NO.

TRAFFIC CONTROL AND SEDIMENT AND EROSION CONTROL PLAN

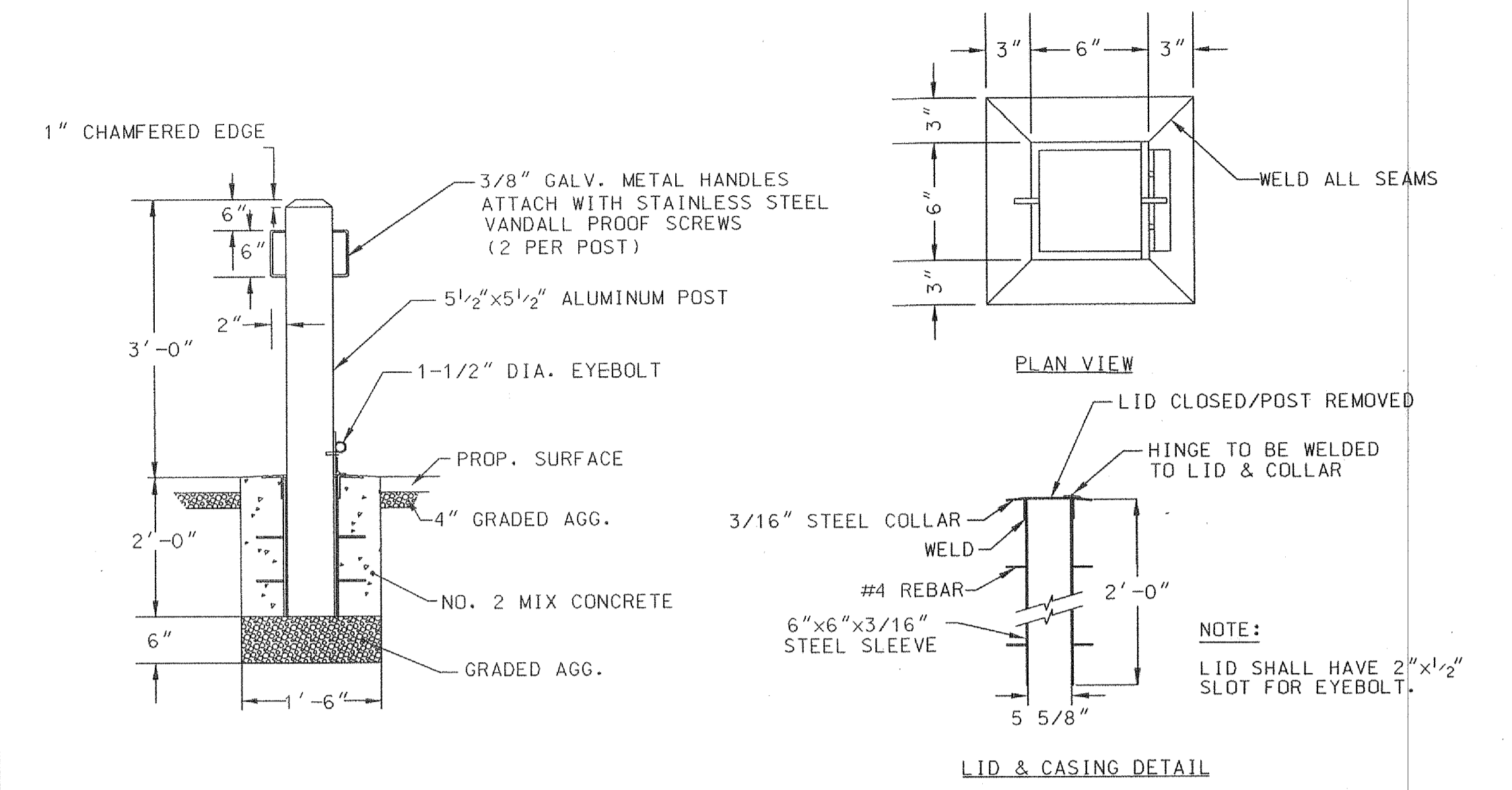
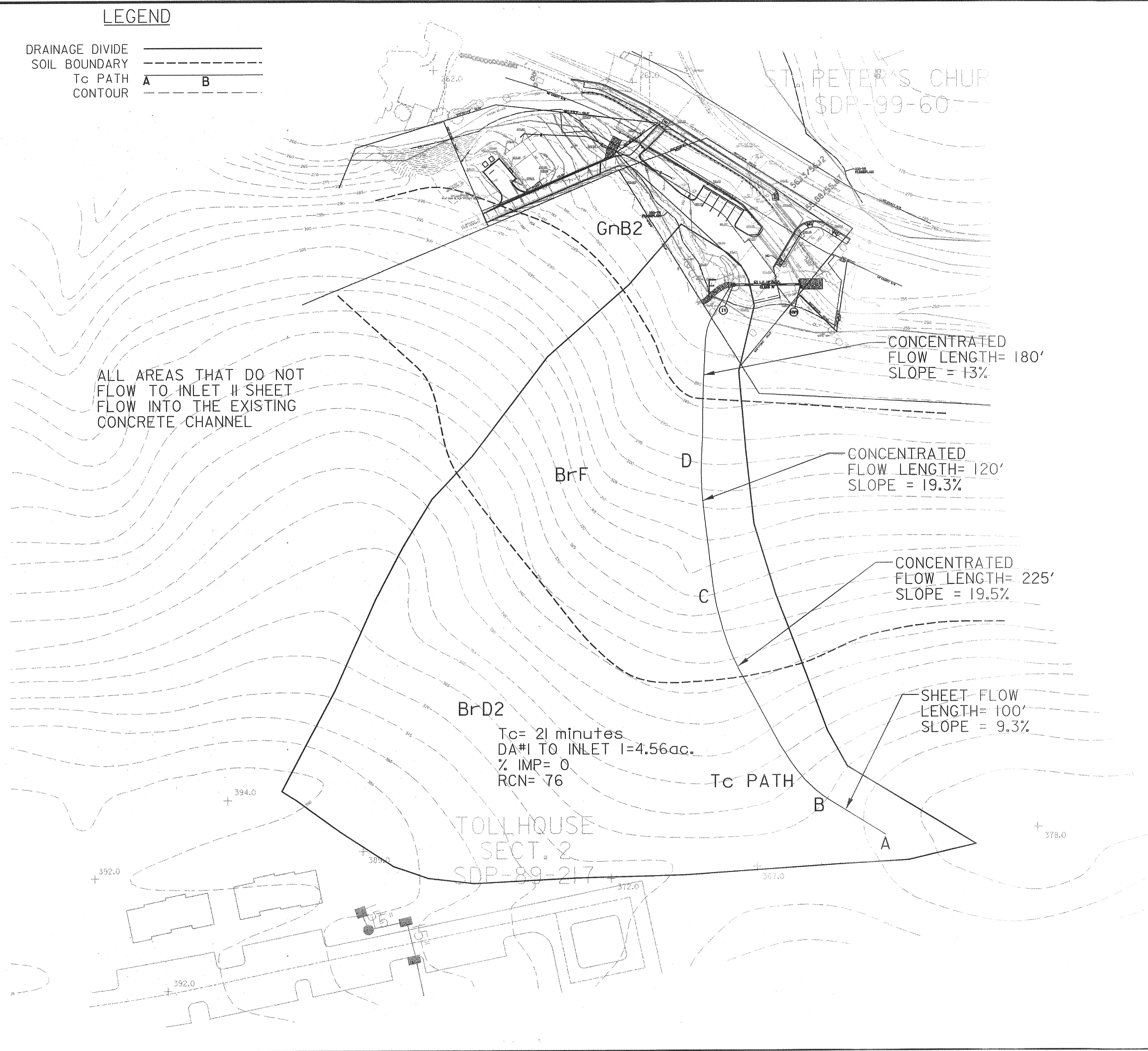
ELICOTT CITY COLORED SCHOOL - ACCESS BRIDGES AND SITE WORK

HOWARD COUNTY, MARYLAND
CAPITAL PROJECT NO. N-3910

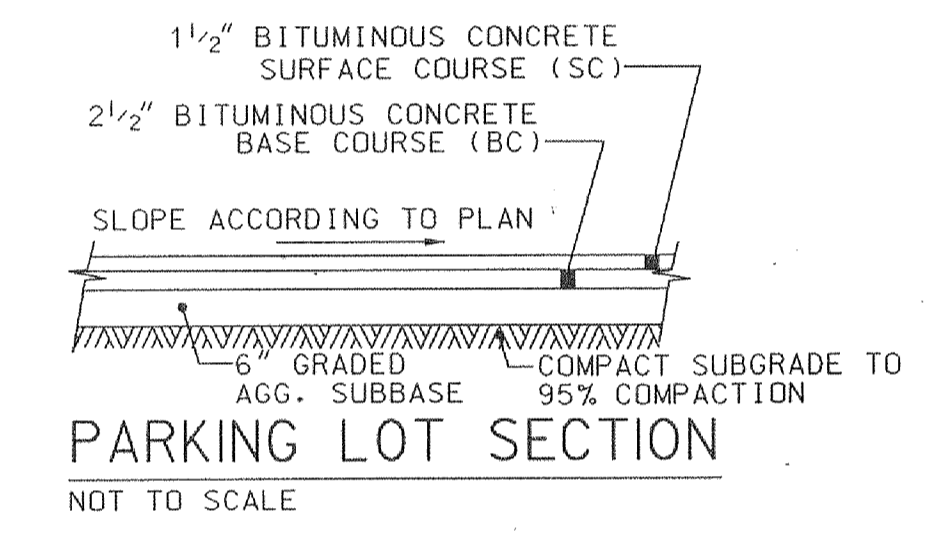
SCALE AS SHOWN
SHEET 5 OF 26
SDP-01-130

LEGEND

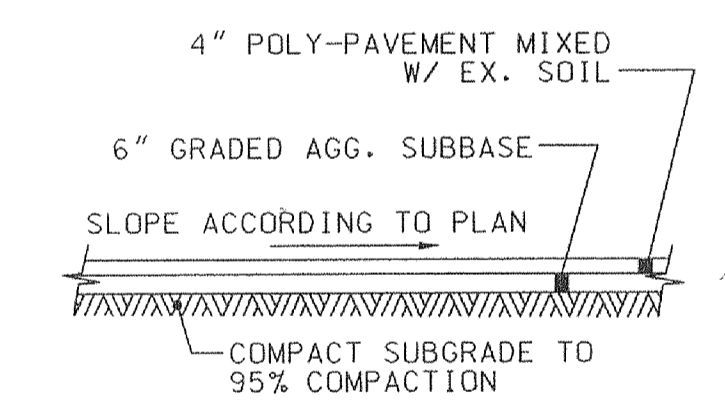
- DRAINAGE DIVIDE _____
- SOIL BOUNDARY - - - - -
- Tc PATH A B
- CONTOUR _____



NOTES:
1.) PAINT ALL EXPOSED SURFACES WITH 2 COATS ALKYD INDUSTRIAL ENAMEL. COLORS TO BE APPROVED BY ENGINEER.



NOTE:
CONTRACTOR SHALL PROOF ROLL SUBGRADE BENEATH ALL PROPOSED PAVED AREAS TO DETECT UNSUITABLE SOIL CONDITIONS.



APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE 1/23/02

SITE DEVELOPMENT PLANS

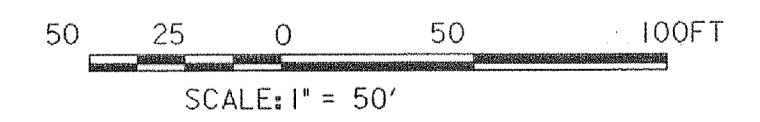
APPROVED
DEPARTMENT OF PLANNING AND ZONING

[Signature] 2/21/02
Chief, Development Engineering Division Date

[Signature] 4/1/02
Chief, Division of Land Development Date

[Signature] 4/1/02
Director Date

PROPOSED DRAINAGE AREA MAP



SDP SHEET- 7 OF 8

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature]
DIRECTOR OF PUBLIC WORKS

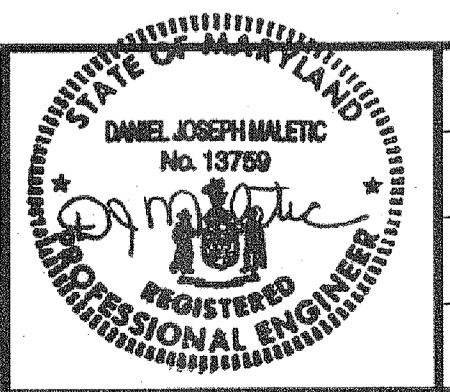
DATE

DEPARTMENT OF RECREATION & PARKS
HOWARD COUNTY, MARYLAND

[Signature] 3.6.02
DIRECTOR, DEPARTMENT OF RECREATION & PARKS

DATE

GPI GREENMAN-PEDERSEN, INC.
ENGINEERS, ARCHITECTS, PLANNERS, CONSTRUCTION MANAGERS & INSPECTORS
10000 GILBERT ROAD, SUITE 100, BETHESDA, MD 20814
WASH. DC: 410-277-2772 BALT. (410) 880-3055 FAX: (301) 490-2649 www.gpinet.com



DES: W.R.F.					
DRN: W.K.T.					
CHK: M.S.Z.					
DATE: MARCH, 2002	BY	NO	REVISION	DATE	

PROPOSED CONDITION DRAINAGE AREA MAP

SCALE MAP NO. _____ BLOCK NO. _____

ELLCOTT CITY COLORED SCHOOL - ACCESS BRIDGES AND SITE WORK

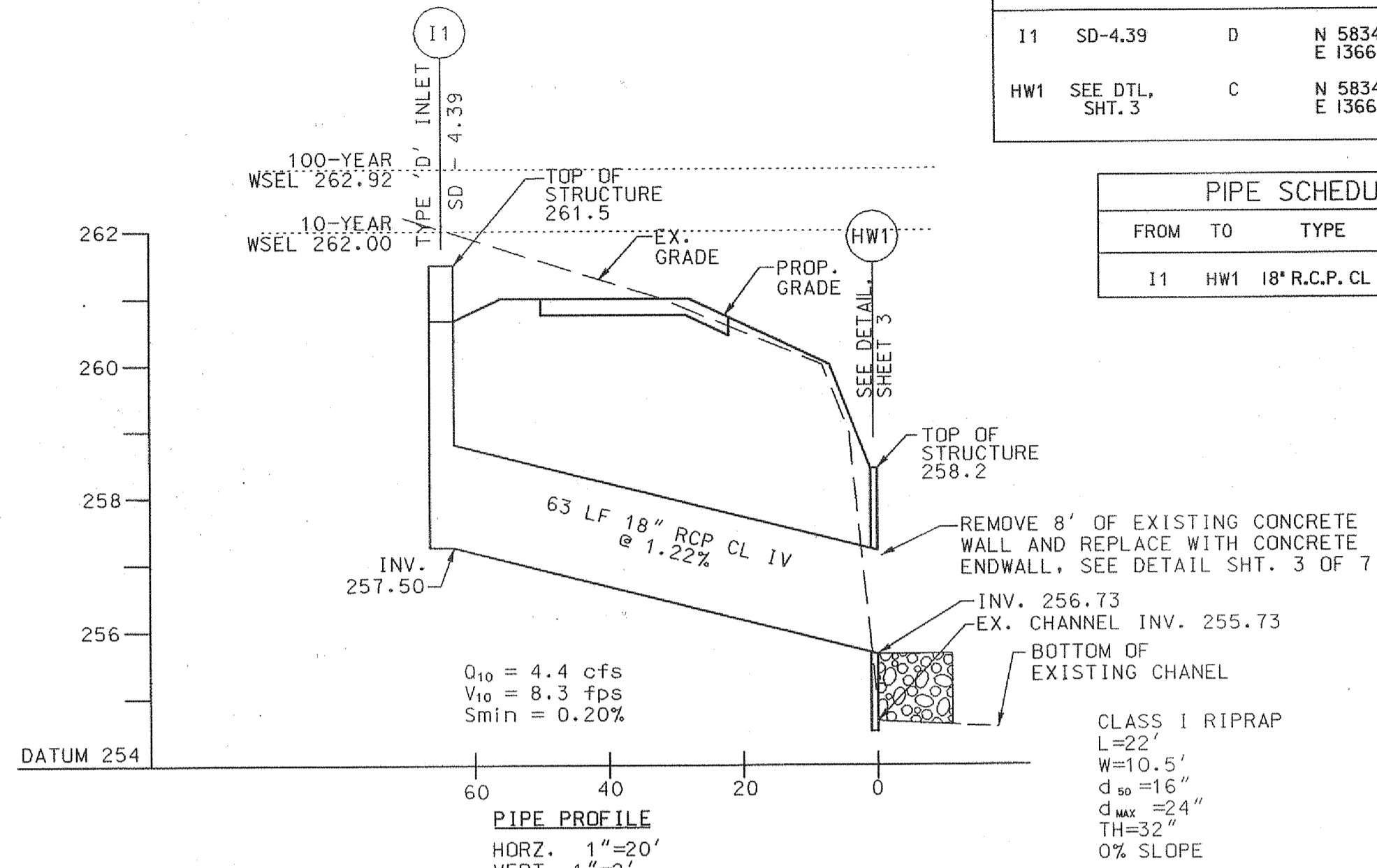
HOWARD COUNTY, MARYLAND
CAPITAL PROJECT NO. N-3910

SCALE AS SHOWN

SHEET 7 OF 26
SDP 78

STRUCTURE SCHEDULE					
NO.	STANDARD	TYPE	LOCATION	T.O.S.	INV.OUT
11	SD-4.39	D	N 583455.04 E 1366132.72	261.5	257.5
HW1	SEE DTL. SHT. 3	C	N 583456.00 E 1366196.94	258.2	256.73

PIPE SCHEDULE			
FROM	TO	TYPE	LENGTH
11	HW1	18" R.C.P. CL IV	63 L.F.



UTILITY NOTES: NOT IN CONTRACT

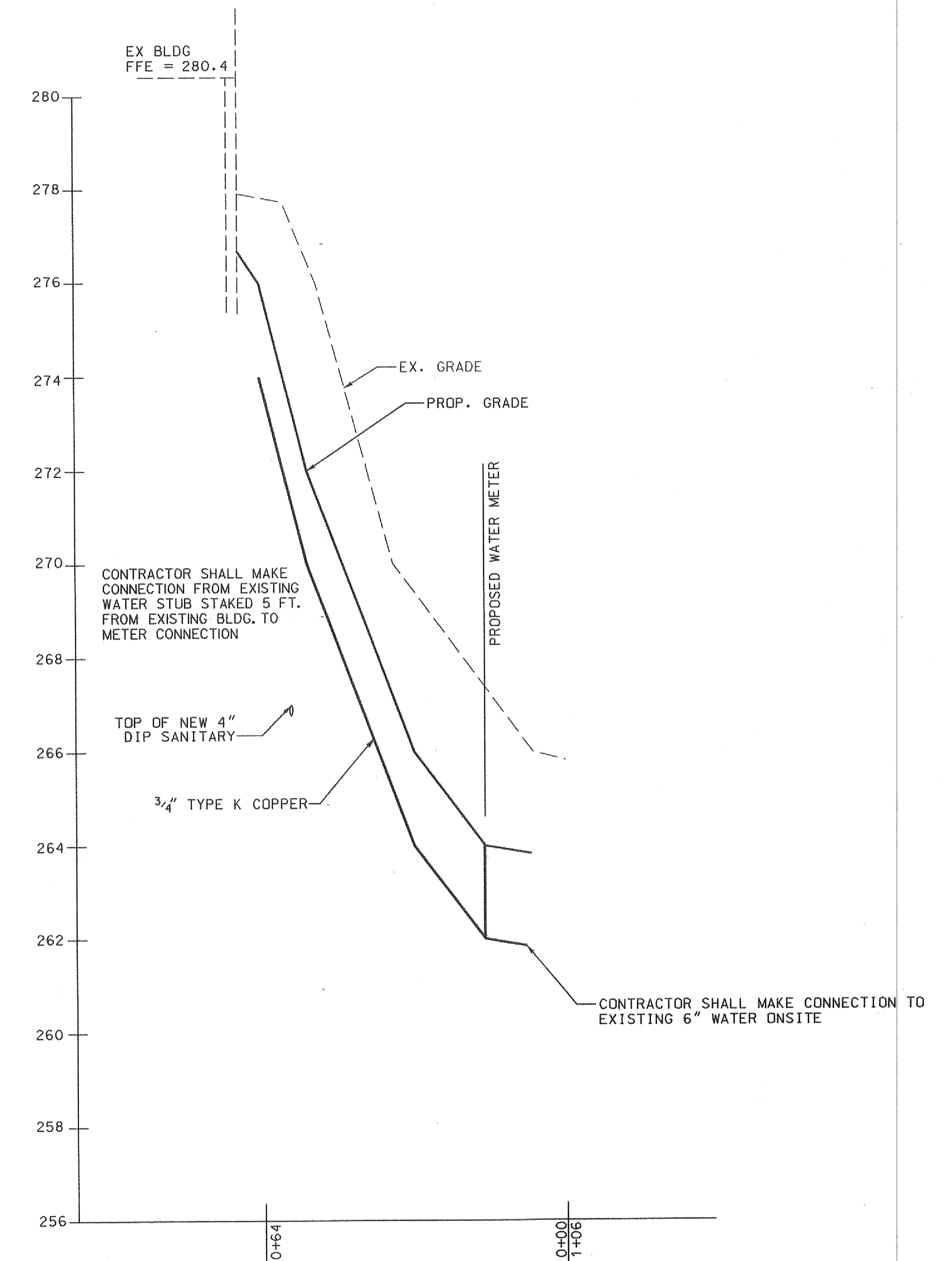
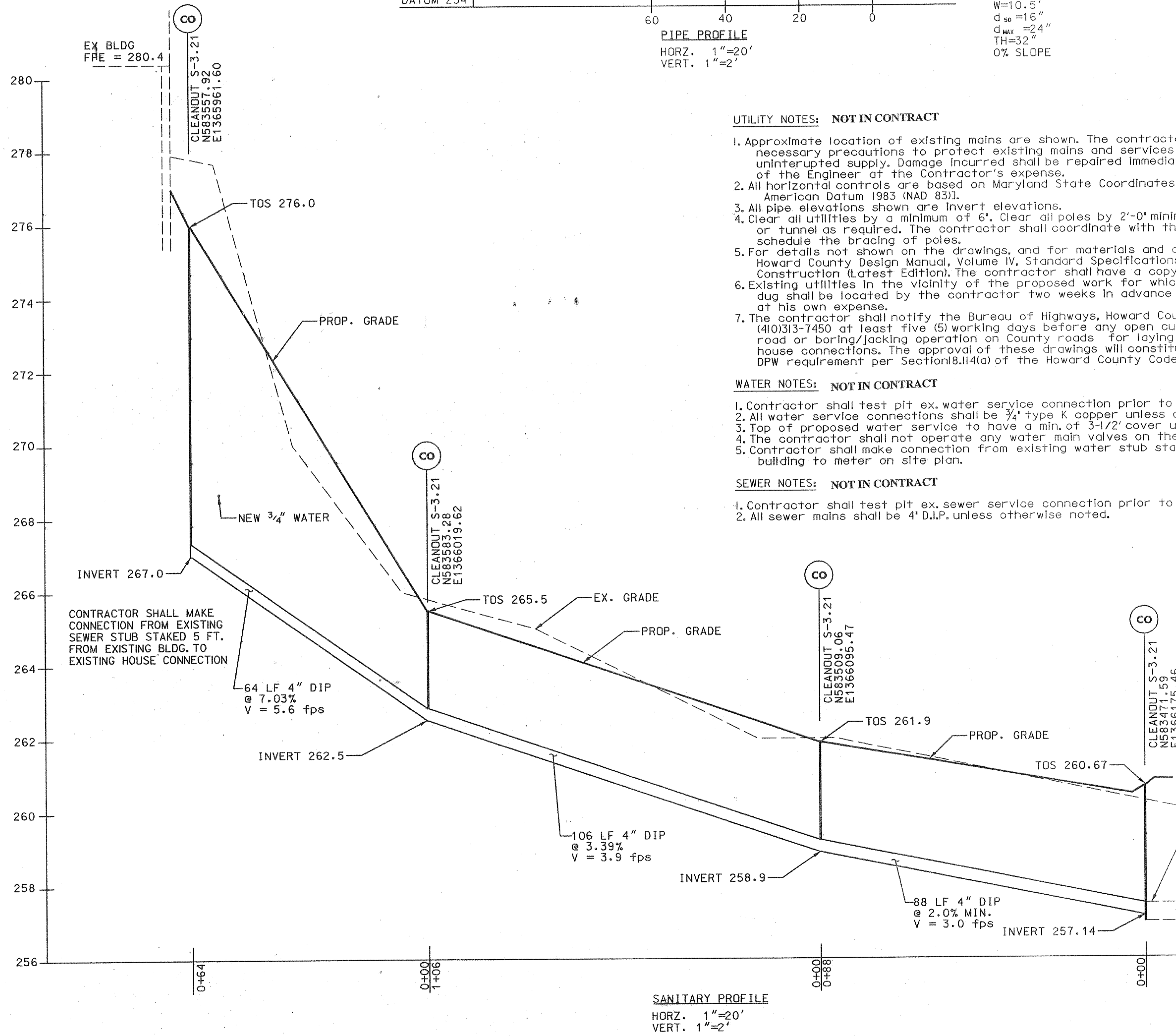
1. Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Damage incurred shall be repaired immediately to the satisfaction of the Engineer at the Contractor's expense.
2. All horizontal controls are based on Maryland State Coordinates (North American Datum 1983 (NAD 83)).
3. All pipe elevations shown are invert elevations.
4. Clear all utilities by a minimum of 6'. Clear all poles by 2'-0" minimum or tunnel as required. The contractor shall coordinate with the utility companies to schedule the bracing of poles.
5. For details not shown on the drawings, and for materials and construction methods use Howard County Design Manual, Volume IV, Standard Specifications and Detail for Construction (Latest Edition). The contractor shall have a copy of Volume IV on the job.
6. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the contractor two weeks in advance of construction operations at his own expense.
7. The contractor shall notify the Bureau of Highways, Howard County, at (410)313-7450 at least five (5) working days before any open cut of any County road or boring/jacking operation on County roads for laying water/sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirement per Section 8.14(a) of the Howard County Code.

WATER NOTES: NOT IN CONTRACT

1. Contractor shall test pit ex. water service connection prior to installing any new pipe.
2. All water service connections shall be 3/4" type K copper unless otherwise noted.
3. Top of proposed water service to have a min. of 3-1/2" cover unless otherwise noted.
4. The contractor shall not operate any water main valves on the existing water system.
5. Contractor shall make connection from existing water stub staked 5 ft. from existing building to meter on site plan.

SEWER NOTES: NOT IN CONTRACT

1. Contractor shall test pit ex. sewer service connection prior to installing any new pipe.
2. All sewer mains shall be 4" D.I.P. unless otherwise noted.



APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 1/23/02

SITE DEVELOPMENT PLANS

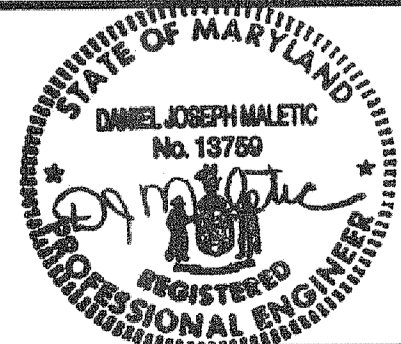
APPROVED:
DEPARTMENT OF PLANNING AND ZONING
2/20/02
Chief, Development Engineering Division
Cindy Hamate 4/1/02
Chief, Division of Land Development
James S. Smith 4/1/02
Director

SDP SHEET- 8 OF 8

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
Jan. 9, 2002
DIRECTOR OF PUBLIC WORKS

DEPARTMENT OF RECREATION & PARKS
HOWARD COUNTY, MARYLAND
3.6.02
DIRECTOR, DEPARTMENT OF RECREATION & PARKS

GPI GREENMAN-PEDERSEN, INC.
ENGINEERS, ARCHITECTS, PLANNING, CONSTRUCTION ENGINEERS & INSPECTORS
10920 GILFORD ROAD, SUITE 100, JESSUP, MD 20794
WASH. (301) 470-2772 BALT. (410) 860-3055
FAX (301) 480-2649 www.gpnet.com



DES: W.R.F.
DRN: W.K.T.
CHK: M.S.Z.
DATE: MARCH, 2002

BY	NO	REVISION	DATE

DRAINAGE AND
UTILITY PROFILES

NOT IN CONTRACT

SCALE MAP NO. BLOCK NO.

ELICOTT CITY COLORED SCHOOL -
ACCESS BRIDGES AND SITE WORK
HOWARD COUNTY, MARYLAND
CAPITAL PROJECT NO. N-3910

SCALE
AS
SHOWN

SHEET
8 OF 26
SDP 8/8

SDP-01-130