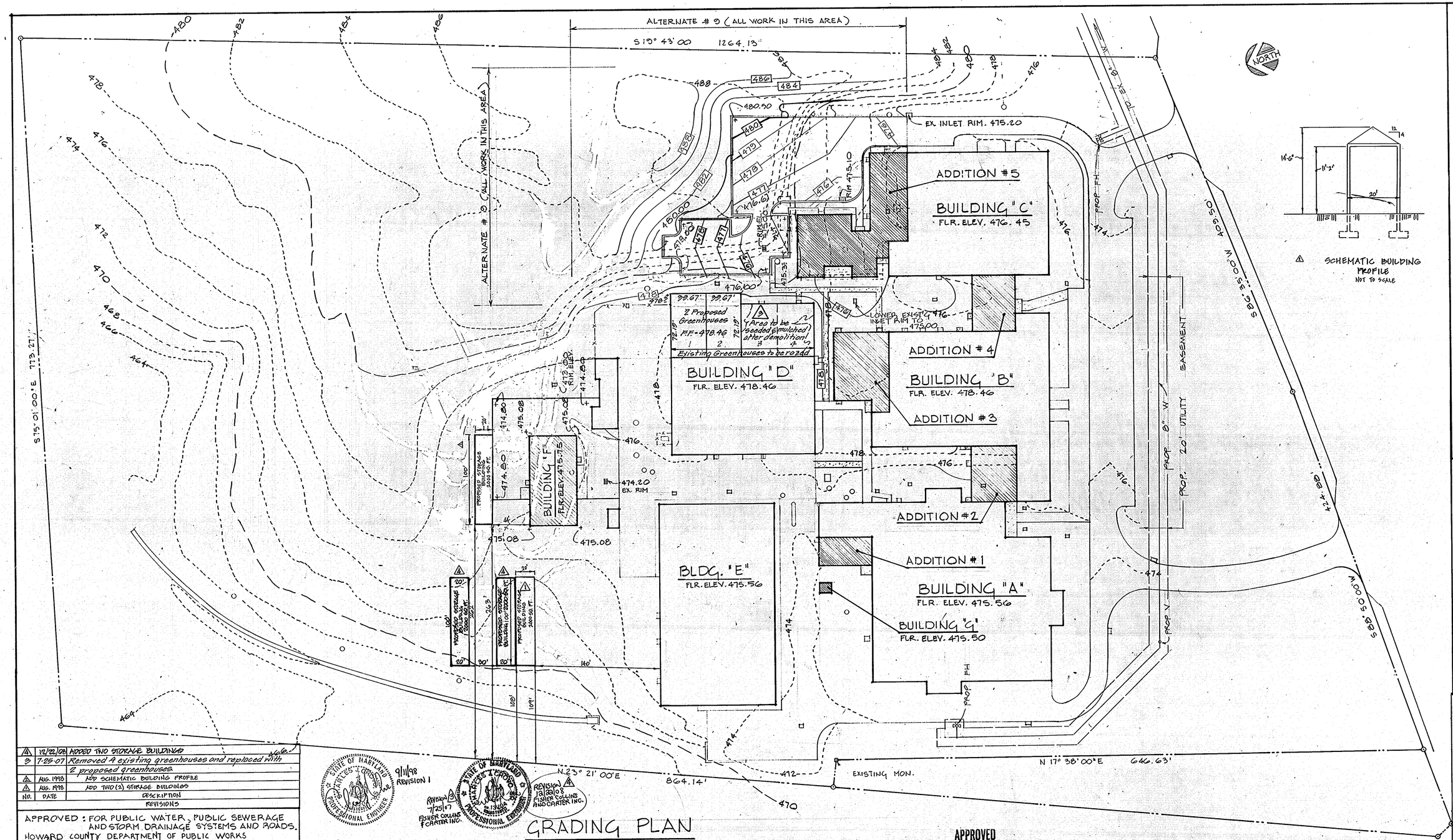


NO.	DATE	DESCRIPTION
4	12/22/08	ADDED TWO STORAGE BUILDINGS
3	7-25-07	Removed 4 existing greenhouses and replaced with 2 proposed greenhouses
2	AUG. 1998	ADD SCHEMATIC BUILDING PROFILE
1	AUG. 1998	ADD TWO (2) STORAGE BUILDINGS

REVISIONS

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 2-26-85

CHIEF, BUREAU OF ENGINEERING — DATE 2-20-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE 2-27-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 3-4-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. — DATE 3-1-85

STATE OF MARYLAND — CHARLES J. CROWD — PROFESSIONAL ENGINEER — 9/11/98 REVISION 1

STATE OF MARYLAND — CHARLES J. CROWD — PROFESSIONAL ENGINEER — REVISION 3 7/25/07 FISHER COLLINS & CARTER INC.

REVISION 4 12/22/08 FISHER COLLINS AND CARTER INC.

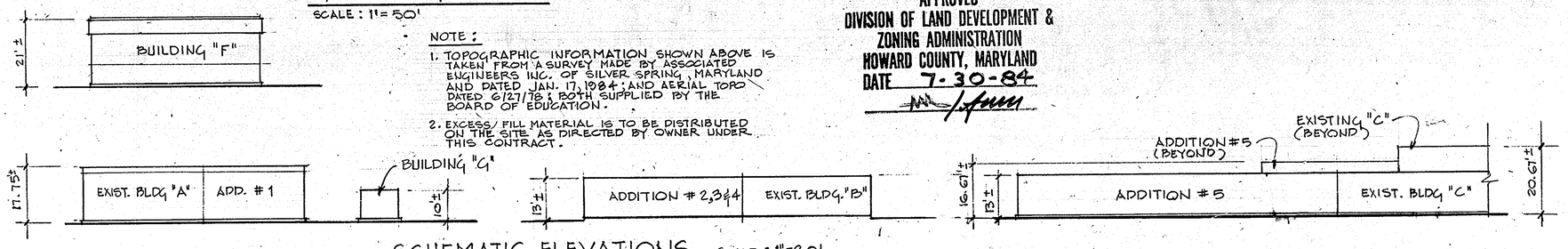
GRADING PLAN

SCALE: 1"=50'

NOTE:

1. TOPOGRAPHIC INFORMATION SHOWN ABOVE IS TAKEN FROM A SURVEY MADE BY ASSOCIATED ENGINEERS INC. OF SILVER SPRING, MARYLAND AND DATED JAN. 17, 1984; AND AERIAL TOPO DATED 6/27/78; BOTH SUPPLIED BY THE BOARD OF EDUCATION.
2. EXCESS FILL MATERIAL IS TO BE DISTRIBUTED ON THE SITE AS DIRECTED BY OWNER UNDER THIS CONTRACT.

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-30-84



SCHEMATIC ELEVATIONS

SCALE: 1"=20'

BUILDING ADDITIONS TO SDP 73-64

GRADING PLAN

SCALE: 1"=50'

ALTERATIONS AND ADDITIONS TO HOWARD VOCATIONAL-TECHNICAL CENTER
ELLICOTT CITY, MARYLAND, ELECTION DISTRICT 3
FOR THE BOARD OF EDUCATION OF HOWARD COUNTY
10910 ROUTE 108 — ELLICOTT CITY, MARYLAND 21043

REVISED 12/1/84 1/21/85 2/5/85

ARCHITECTURAL REGISTRATION 3009 STATE OF MARYLAND

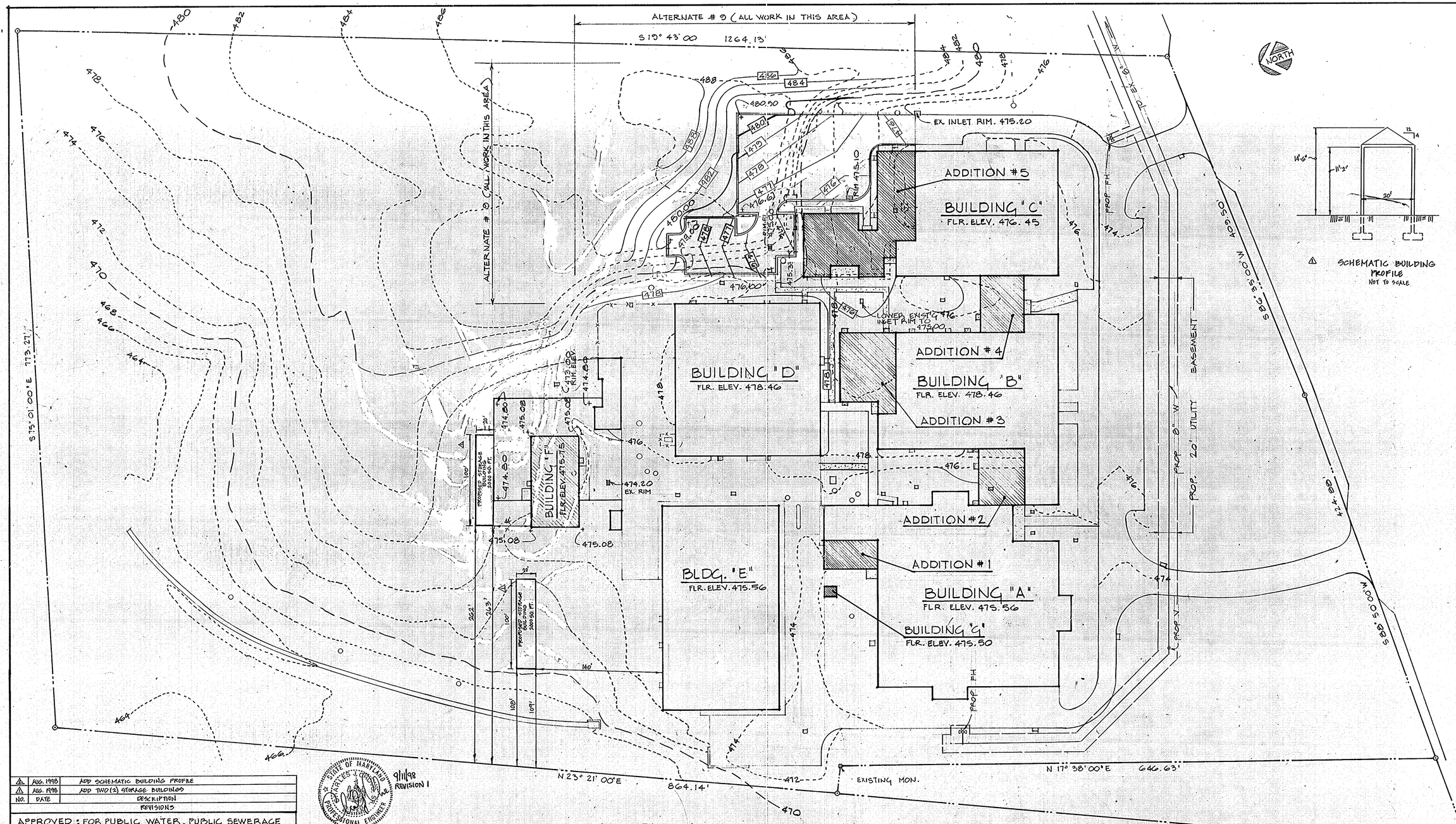
BASCO associates architects & engineers
BALTIMORE, MD. - JOHNSTOWN, PA. - LANCASTER, PA.
YORK, PA. - WILLIAMSBURG, VA. - CHERRY HILL, N.J.

PROJECT NO. 63020

DATE: BY: E.R.

SHEET 2 OF: 5

SDP-85-01



NO.	DATE	DESCRIPTION
2	AUG. 1998	ADD SCHEMATIC BUILDING PROFILE
1	AUG. 1998	ADD TWO (2) STORAGE BUILDINGS

REVISIONS

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 2-26-85

CHIEF, BUREAU OF ENGINEERING — DATE 2-20-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE 2-27-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 3-4-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. — DATE 3-1-85

STATE OF MARYLAND — CHARLES J. GOOD — PROFESSIONAL ENGINEER — 9/11/98 REVISION 1

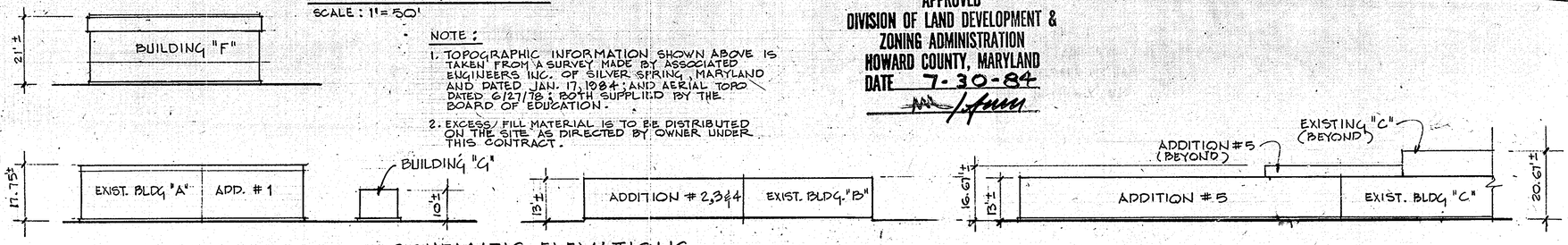
GRADING PLAN

SCALE: 1" = 50'

NOTE:

1. TOPOGRAPHIC INFORMATION SHOWN ABOVE IS TAKEN FROM A SURVEY MADE BY ASSOCIATED ENGINEERS INC. OF SILVER SPRING, MARYLAND AND DATED JAN. 17, 1984; AND AERIAL TOPO DATED 6/27/78; BOTH SUPPLIED BY THE BOARD OF EDUCATION.
2. EXCESS/FILL MATERIAL IS TO BE DISTRIBUTED ON THE SITE AS DIRECTED BY OWNER UNDER THIS CONTRACT.

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-30-84



SCHEMATIC ELEVATIONS

SCALE: 1" = 20'

BUILDING ADDITIONS TO SDP 73-64

GRADING PLAN

SCALE: 1" = 50'

ALTERATIONS AND ADDITIONS TO
HOWARD VOCATIONAL-TECHNICAL CENTER
ELLICOTT CITY, MARYLAND, ELECTION DISTRICT -3
FOR THE
BOARD OF EDUCATION OF HOWARD COUNTY
10910 ROUTE 108 - ELLICOTT CITY, MARYLAND 21043

REVISED
12/1/84
1/21/85
2/5/85

ARCHITECTURAL REGISTRATION — STATE OF MARYLAND

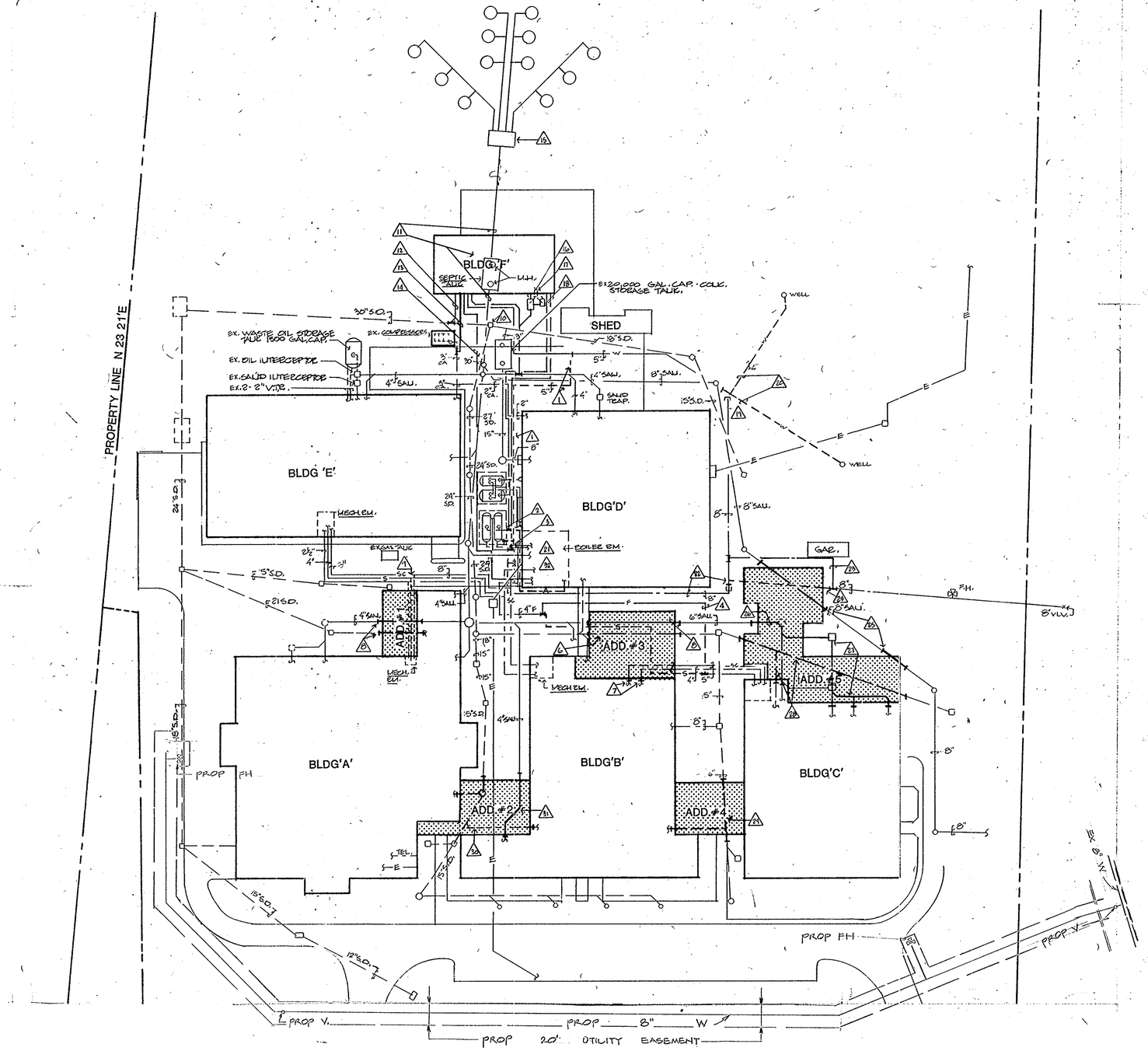
BASCO associates architects & engineers
BALTIMORE, MD. - JOHNSTOWN, PA. - LANCASTER, PA.
YORK, PA. - WILLIAMSBURG, VA. - CHERRY HILL, N.J.

PROJECT NO. 63020

DATE: BY: E.R.

SHEET 2 OF: 5

SDP-85-01



1. REMOVE EXISTING 5" WATER LINE.
2. CONNECT DCR TO 4" COMPRESSED AIR LINE. ABANDON 4" LINE TO COMPRESSOR IN BOILER ROOM.
3. CONNECT DYNAMOMETER SUPPLY TO 8" LINE FROM 10,000 GALLON STORAGE TANKS.
4. REMOVE EXISTING 4" FIRE LINE AND INSTALL " FIRE LINE AS INDICATED.
5. REPLACE EXISTING 6" SANITARY WITH 6" CAST IRON SANITARY.
6. REPLACE EXISTING 15" STORM WITH 15" CAST IRON STORM.
7. EXISTING 5" STEAM, 1-1/4 PUMP COND. AND 4" WATER LINES TO BE REMOVED AND RELOCATED THROUGH BUILDING. SEE DRAWING M-5.
8. REPLACE 4" SANITARY AND 21" STORM WITH 4" CAST IRON SANITARY AND 21" CAST IRON STORM.
9. REMOVE EXISTING 6" FIRE, 4" WATER, 6" STEAM AND 3" COND. AS INDICATED. RECONNECT AND REROUTE AS INDICATED ON DRAWING M-4. RE-INSTALL SIAMESE CONNECTION, WATER GONG AND POST INDICATOR VALVE.
10. REPLACE EXISTING CATCH BASIN GRATE WITH HEAVY TRAFFIC FRAME AND GRATE.
11. EXISTING SEPTIC TANK AND PIPING TO BE REMOVED.
12. EXTEND AND CONNECT 8" STORM WATER LINE TO EXISTING 30".
13. EXTEND AND CONNECT 3" COMPRESSED AIR LINE TO BUILDING F.
14. EXTEND AND CONNECT NEW " STEAM AND " CONDENSATE RETURN FROM EXISTING MAIN AT BUILDING 'D' TO BUILDING 'F'.
15. EXISTING DISTRIBUTION BOX TO BE REMOVED AND 12 EXISTING LEACHING TO BE FILLED.
16. 2" OIL INTERCEPTOR VENT.
17. 2" WASTE OIL TANK VENT.
18. EXTEND AND CONNECT 2" DYNAMOMETER COOLING RETURN TO EXISTING COMPRESSED AIR CONNECTION TO EXISTING 10,000 GALLON TANKS.
19. CONNECT 8" WATER TO EXISTING 5" WATER.
20. EXISTING WELLS AND ASSOC. PIPING TO BE REMOVED AND FILLED IN.
21. EXTEND AND CONNECT 5" WATER TO EXISTING 5" SYSTEM.
22. EXTEND AND CONNECT 8" WATER TO 8" FIRE LINE FROM SPRINKLER AND SUPPLY TANKS.
23. EXTEND AND CONNECT 8" WATER AS INDICATED.
24. REMOVE EXISTING 8" WATER LINE.
25. REPLACE 8" SANITARY WITH 8" CAST IRON SANITARY.
26. REPLACE EXISTING 6" SANITARY WITH 6" CAST IRON SANITARY AND REMOVE EXISTING MANHOLE.
27. RELOCATE EXISTING GREASE TRAP AND REPLACE EXISTING 4" SANITARY WITH 4" CAST IRON SANITARY LINE AS INDICATED.
28. REPLACE EXISTING 8" STORM WITH 8" CAST IRON STORM AS INDICATED.
29. REPLACE EXISTING 6" STORM WITH 6" CAST IRON STORM.
30. REMOVE EXISTING DRAIN AND REPLACE EXISTING 15" STORM WITH 15" CAST IRON STORM.
31. REPLACE EXISTING 4" SANITARY WITH 4" CAST IRON SANITARY.

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-30-84

BUILDING ADDITION TO SDP-73-64

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
DIRECTOR — DATE 1-26-85
CHIEF, BUREAU OF ENGINEERING — DATE 2-20-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARMENT
COUNTY HEALTH OFFICER — DATE 2-27-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR — DATE 3-1-85
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. — DATE 3-1-85

UTILITY PLAN

SCALE: 1" = 50'

ALTERATIONS AND ADDITIONS TO
HOWARD VOCATIONAL-TECHNICAL CENTER
ELLICOTT CITY, MARYLAND - ELECTION DISTRICT - 3
FOR THE
BOARD OF EDUCATION OF HOWARD COUNTY
10910 ROUTE 108 - ELLICOTT CITY, MARYLAND 21043

REVISIONS
1 1/24
2 1/21/85
3 2/5/85

ARCHITECTURAL REGISTRATION 3609-L

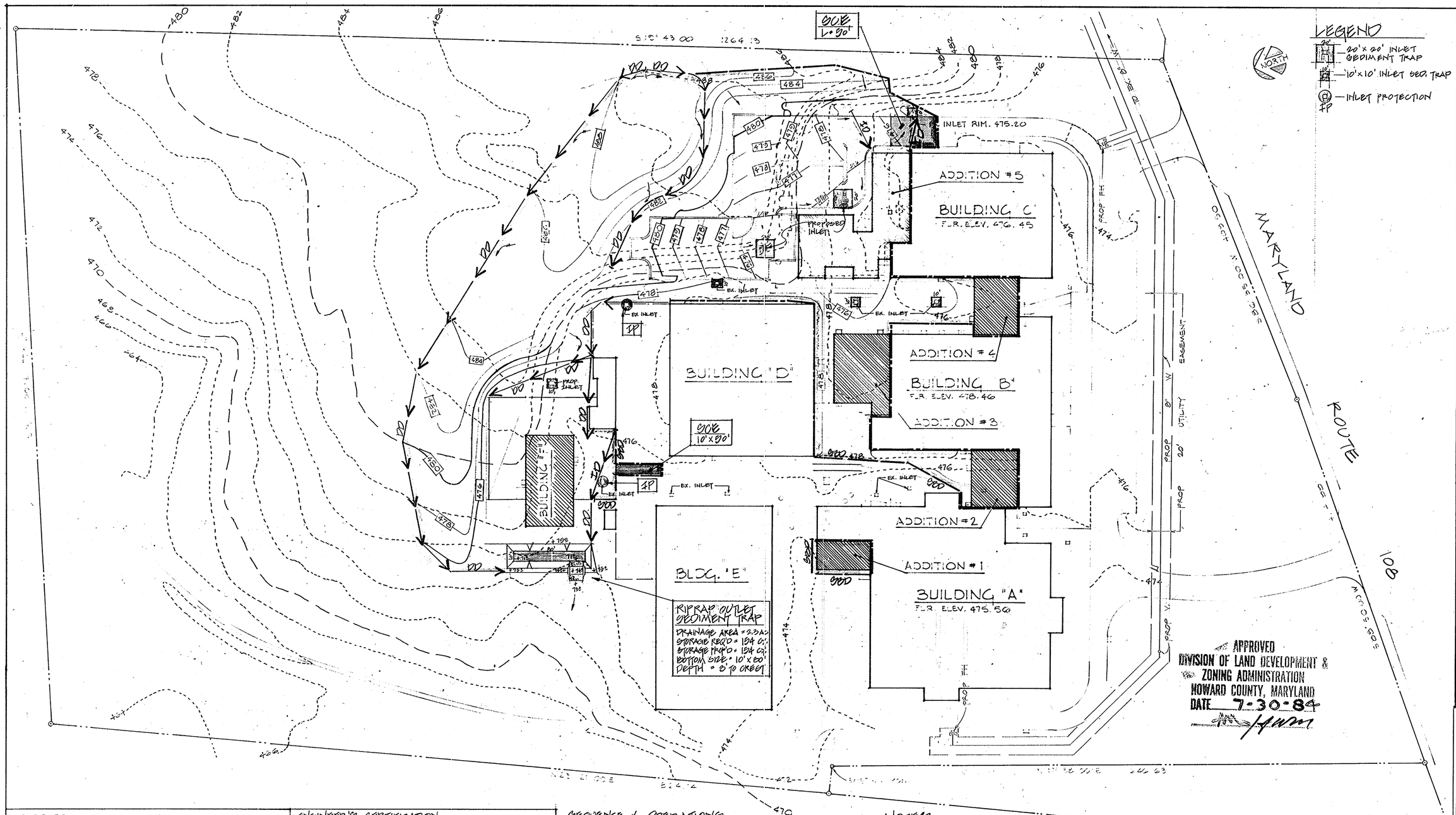
BASCO associates architects & engineers
BALTIMORE, MD.- JOHNSTOWN, PA.- LANCASTER, PA.
YORK, PA.- WILLIAMSBURG, VA.- CHERRY HILL, N.J.

PROJECT NO. 63020

DATE: BY:

SHEET 3 OF: 5

SDP-85-01



APPROVED: HOWARD COUNTY BUREAU OF WATER AND SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 11-26-84

CHIEF, BUREAU OF ENGINEERING — DATE 2-20-85

APPROVED: HOWARD COUNTY WATER AND PUBLIC SEWERAGE SYSTEMS

HOWARD COUNTY HEALTH DEPARTMENT

HEALTH OFFICER — DATE 2-27-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING

PLANNING DIRECTOR — DATE 3-1-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. — DATE 3-1-85

ENGINEER'S CERTIFICATION

I CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & 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 S ROSENFELT P.E.# 12311 — DATE 6/29/84

DEVELOPER'S CERTIFICATION

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

DEVELOPER — DATE 9/20/84

THIS PLAN HAS BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

U.S. SOIL CONSERVATION DISTRICT — DATE 9-12-84

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

APPROVED

HOWARD SOIL CONSERVATION DISTRICT — DATE 9/12/84

SEQUENCE of OPERATIONS

1. NOTIFY HOWARD COUNTY BUREAU of INSPECTIONS and PERMITS, SEDIMENT CONTROL DIVISION @ 992-2430 AT LEAST 24 HOURS PRIOR TO BEGINNING ANY WORK.
2. PERFORM LIMITED GRADING FOR SEDIMENT CONTROL MEASURES ONLY.
3. INSTALL ALL SEDIMENT CONTROL MEASURES EXCEPT TRAPS AT PROPOSED INLETS.
4. ROUGH GRADE AREA of WORK and INSTALL PROPOSED INLETS and STORM DRAINS, INSTALL ALL REMAINING SEDIMENT TRAPS.
5. CONSTRUCT PROPOSED ALTERATIONS and ADDITIONS.
6. FINE GRADE REMAINING DISTURBED AREAS and INSTALL PROPOSED WALKS, CURBS and PAVING.
7. STABILIZE ALL UNPAVED DISTURBED AREAS.
8. UPON APPROVAL of SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES and STABILIZE ALL REMAINING DISTURBED AREAS.

NOTES

1. ALL 20'x 20' INLET SEDIMENT TRAPS SHALL BE 2' DEEP. VOLUME of STORAGE = 4.3 C.Y. ALL 10' x 10' INLET SEDIMENT TRAPS SHALL BE 1' DEEP. VOLUME of STORAGE = 5 C.Y.
2. SIDE SLOPES of ALL TRAPS SHALL BE 2:1. ALL TRAPS SHALL BE CLEANED OUT WHEN SEDIMENT REACHES ½ of THE DESIGN DEPTH.
3. ALL SPOIL TAKEN FROM THIS SITE SHALL BE HAULED TO A SITE WITH A CURRENT GRADING PERMIT AND AN APPROVED SEDIMENT CONTROL PLAN.
4. ALL UTILITIES SHOWN HEREON ARE APPROXIMATE. CONTRACTOR SHALL LOCATE EXISTING UTILITIES PRIOR TO BEGINNING ANY WORK.
5. ALL STOCKPILE and STAGING AREAS SHALL BE COMPLETELY WITHIN THE LIMITS of CLEARING and DISTURBANCE and SHALL DRAIN TO AN APPROVED and FUNCTIONING SEDIMENT CONTROL DEVICE.

PLAN
SCALE: 1" = 50'

DISTURBED AREA
190,000 SQ. FEET (4.4 AC±)

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-30-84

STATE OF MARYLAND — ROBERT S. ROSENFELT — No. 12311 — PROFESSIONAL ENGINEER

STATE OF MARYLAND — ROBERT S. ROSENFELT — No. 12311 — PROFESSIONAL ENGINEER

SEDIMENT CONTROL PLAN

SCALE: 1"=50'

ALTERATIONS AND ADDITIONS TO HOWARD VOCATIONAL-TECHNICAL CENTER
ELLICOTT CITY, MARYLAND, ELECTION DISTRICT - 3
FOR THE BOARD OF EDUCATION OF HOWARD COUNTY
10910 ROUTE 108 ELLICOTT CITY, MARYLAND 21043

REVISIONS
12-1-84
1-21-85
4-5-85

ARCHITECTURAL REGISTRATION — STATE OF MARYLAND

BASCO associates engineers
BALTIMORE MD. - JOHNSTOWN PA. LANCASTER, PA. YORK, PA. - WILLIAMSBURG, VA. - CHERRY HILL, N.J.

PROJECT NO.

HOFF, ROSENFELT & WOOLFOLK, INC
Civil Engineers & Landscape Architects
11 Gwynns Mill Court
Owings Mills, MD 21117
(301) 363-6830

DATE: 6/29/84
BY: [illegible]

SHEET 4 of 9

SDP-85-01 018/008

STABILIZATION

PERMANENT SEEDING

All disturbed areas shall be stabilized as follows:

Seedbed Preparation: Loosen upper 3 inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq. ft.) and 600 lbs. per acre 0-20-20 fertilizer (14 lbs./1000 sq. ft.). Harrow or disc lime and fertilizer into upper three inches of soil. At time of seeding, apply 400 lbs. per acre (9.2 lbs./1000 sq. ft.) of 38-0-0 ureaform fertilizer and 500 lbs. per acre (11.5 lbs./1000 sq. ft.) of 10-20-20 fertilizer.

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre Kentucky 31 Tall Fescue (1.4 lbs./1000 sq. ft.) For the period May 1 thru July 31, seed with 60 lbs. per acre Kentucky 31 Tall Fescue (1.4 lbs./1000 sq. ft.) and 2 lbs. per acre of weeping lovegrass (.05 lbs./1000 sq. ft.). During the period of October 16 thru 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. per acre Kentucky 31 Tall Fescue and mulch with 2 tons per acre well anchored straw.

Seeding For Storm Water Management Ponds Only: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 87 lbs. per acre Kentucky 31 Tall Fescue ([illegible] lbs per 1000 sq. ft.) For the period May 1 thru July 31, seed with 87 lbs. per acre Kentucky 31 Tall Fescue ([illegible] lbs./1000 sq. ft.) and 2 lbs. per acre weeping lovegrass (.05 lbs./1000 sq. ft.). During the period of October 16 thru 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 87 lbs. per acre Kentucky 31 Tall Fescue and mulch with 2 tons per acre well anchored straw. All Kentucky 31 Tall Fescue shall be inoculated with Crown Vetch at 22 lbs. per acre (0.5 lbs./1000 sq. ft.).

Mulching: Apply 1.5 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 200 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 reseeding.

TEMPORARY SEEDING

Seedbed Preparation: Loosen upper 3 inches of soil by discing, raking or other acceptable means before seeding.

Soil Amendments: Apply 600 lbs. per acre of 10-20-10 fertilizer (15 lbs./1000 sq. ft.).

Seeding: For periods March 1 thru April 30, and from August 15 thru November 15, seed with 2.5 bushels per acre annual rye (3.2 lbs./1000 sq. ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (.07 lbs./1000 sq. ft.).

Mulching: Apply 1.5 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 200 gallons per acre (5gal./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.

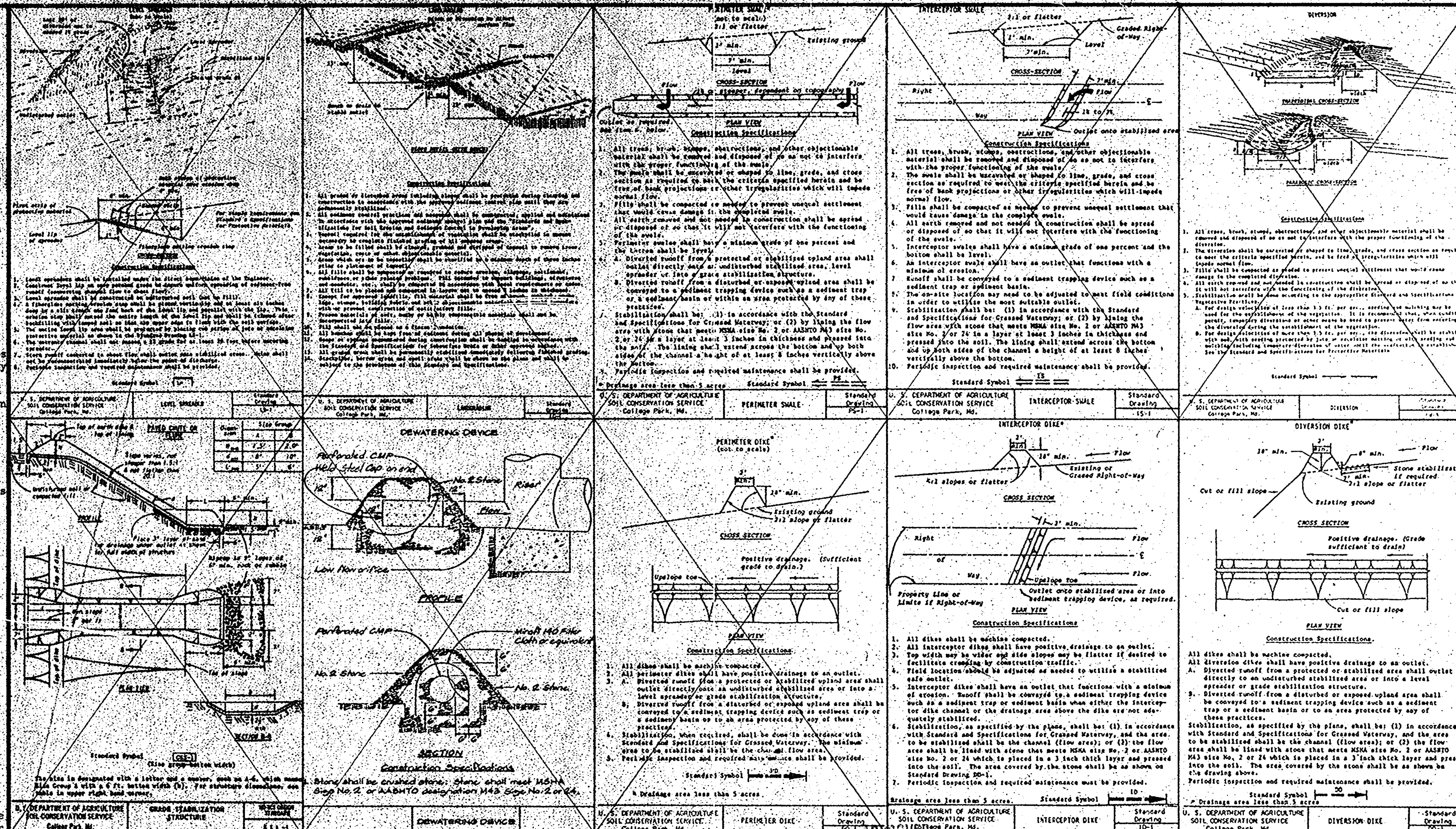
SOD

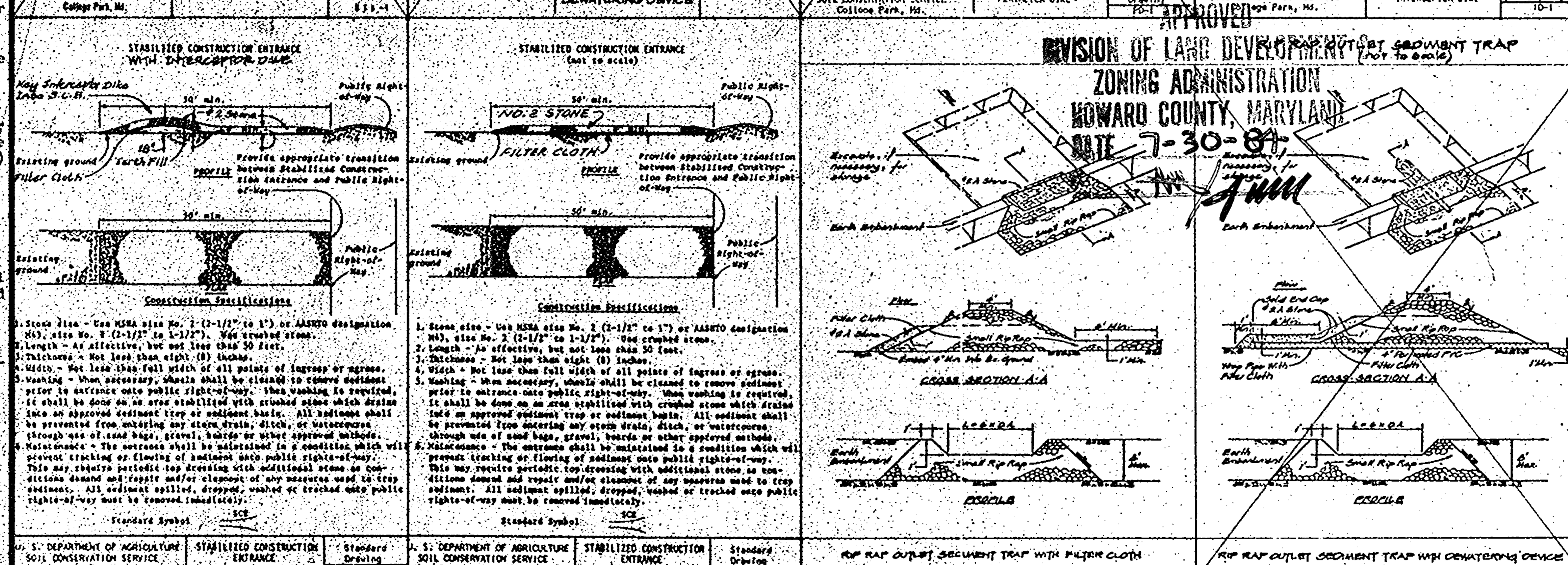
Specifications: Sod shall be "KY-31" Tall Fescue or Kentucky Bluegrass/Red Fescue mixture or approved equal. Class of turfgrass sod shall be Maryland or Virginia state certified or approved sod.

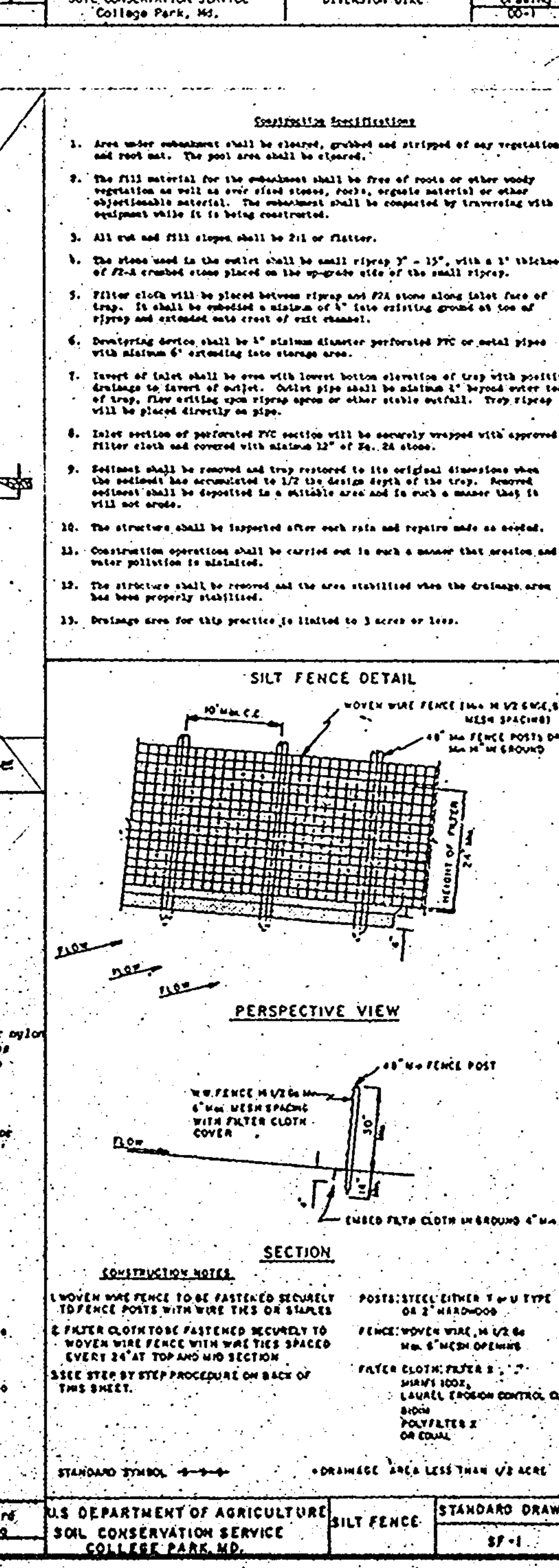
Site Preparation: Where soil is acid or composed of heavy clays, ground limestone shall be spread at the rate of 100 lbs./ 1000 sq. ft. In all soils, 5-10-5 fertilizer or approved equal shall be applied at the rate of 30 lbs./1000 sq. ft. Fertilizer shall be uniformly applied and mixed into the top 3" of soil with the required lime. Slow release nitrogen, at the rate 3.5 lbs./1000 sq. ft., shall be applied to the prepared soil immediately prior to sod installation. This material shall be approximately one-third immediately available and two- thirds water insoluble nitrogen. Urea formaldehyde (UF) and isobutylidene (IBDU) meet these standards.

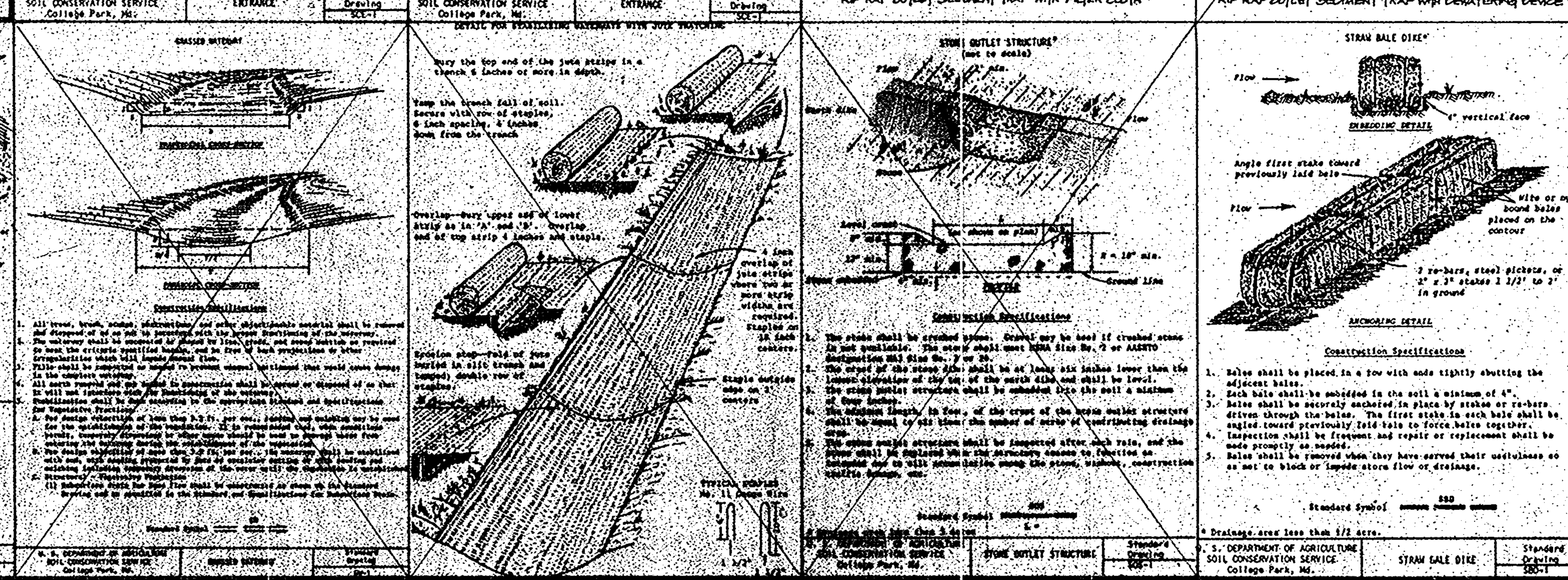
Sod Installation: The first row of sod shall be laid in a straight line with subsequent rows placed parallel to and tightly wedged against each other. Lateral joints shall be staggered to promote more uniform growth and strength. Insure that sod is not stretched or overlapped and that all joints are butted tight in order to prevent voids which would cause air drying of the roots. On sloping areas where erosion may be a problem, sod shall be laid with long edges parallel to the contour and with staggered joints. Secure the sod by tamping and pegging or other approved methods. As sodding is completed in any one section, the entire area shall be rolled or tamped to insure solid contact of roots with the soil surface. Sod shall be watered immediately after rolling or tamping until the underside of the new sod pad and soil surface below the sod are thoroughly wet. The operations of laying, tamping and irrigating for any piece of sod shall be completed within eight hours.

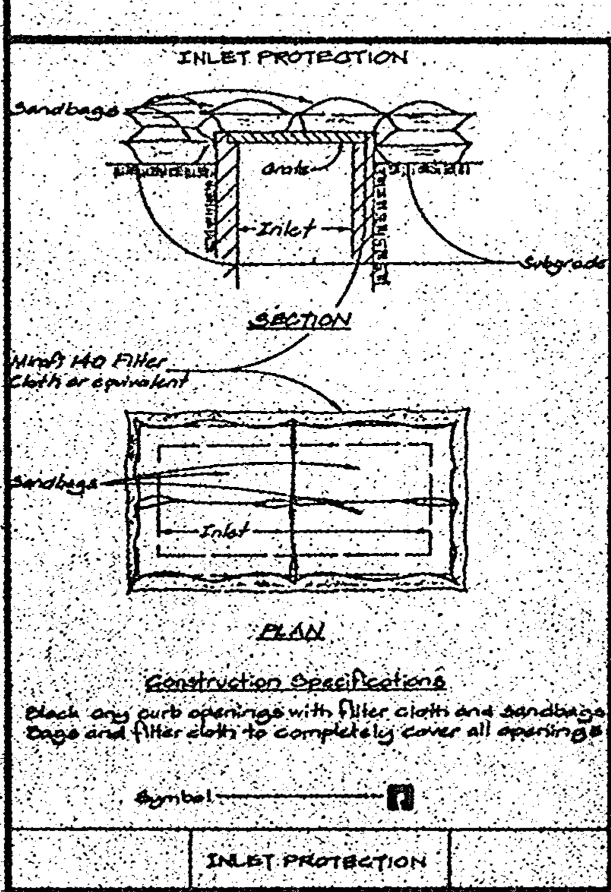
NOTE:
AS PER COMAR 08.05.01.06 -- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (a) 7 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3:1 AND b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

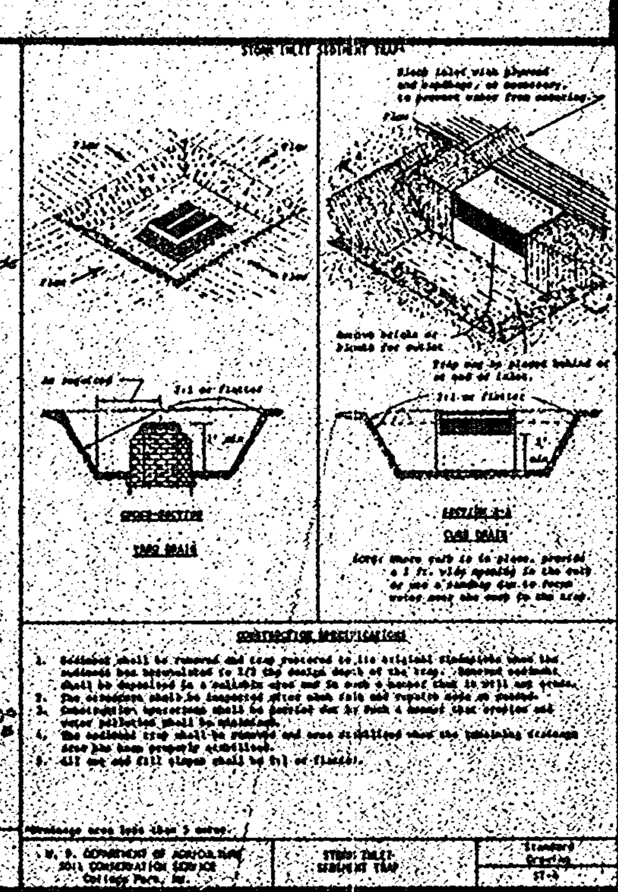












GENERAL NOTES

1. All work shall be accomplished in accordance with Soil Conservation Service's "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas", July, 1975, and this plan of Sediment Control approved by the HOWARD Soil Conservation District and the Department of Public Works of HOWARD COUNTY.
2. During the layout of the sediment control measures shown hereon, minor field adjustments can and will be made to insure the arrest and control of any sediment before it leaves the construction site. These said changes require prior approval of the Sediment Control Inspector and the Soil Conservation District.
3. At the end of each working day, all sediment control measures will be inspected and left in an operational condition.
4. No sediment control measure may be removed without permission of the Sediment Control Inspector.
5. All 2:1 slopes are to be stabilized immediately after grading operations with sod.
6. Any disturbed area left idle for more than 30 days will be stabilized according to the temporary seeding notes shown hereon.
7. Any changes to the grading proposed on these plans will require that they be reaubmitted to the Soil Conservation District.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[signature] 2-26-85
DIRECTOR DATE

[signature] 2-20-85
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

[signature] 2-27-85
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

[signature] 3-4-85
PLANNING DIRECTOR DATE

[signature] 3-1-85
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION DATE

ENGINEER'S CERTIFICATION

I hereby certify that this plan of Sediment Control has been prepared by or under my supervision in accordance with "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas," S.C.S., July, 1975, and meets the minimum standards of the HOWARD Soil Conservation District.

[signature] 6/29/84 12311
Date Reg. No.

DEVELOPER'S CERTIFICATION

"I/We hereby certify that all responsible personnel involved in the construction project will have a certificate of attendance at a Department of Natural Resources approved training program for the control of sediment and erosion before beginning the project."

Howard County Public School System
[signature] 8/30/84
Developer's Name and Firm Date

THIS PLAN HAS BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL [signature] 9-12-84
U.S. SOIL CONSERVATION DISTRICT DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: [signature] 9/12/84
HOWARD SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL DETAILS

ALTERATIONS AND ADDITIONS TO
HOWARD VOCATIONAL-TECHNICAL
ELLICOTT CITY, MARYLAND
FOR THE
BOARD OF EDUCATION OF HOWARD COUNTY

DATE: 6/21/84 JOB NO. 018/009

HOFF, ROSENFELT & WOOLFOLK, INC.
Civil Engineers & Landscape Architects
11 Gwynns Mill Court
Owings Mills, MD 21117
(301) 363-6830

OWNER:
BOARD of EDUCATION of HOWARD COUNTY
10910 ROUTE 108
ELLICOTT CITY, MD 21043
TELEPHONE: (301) 992-0500

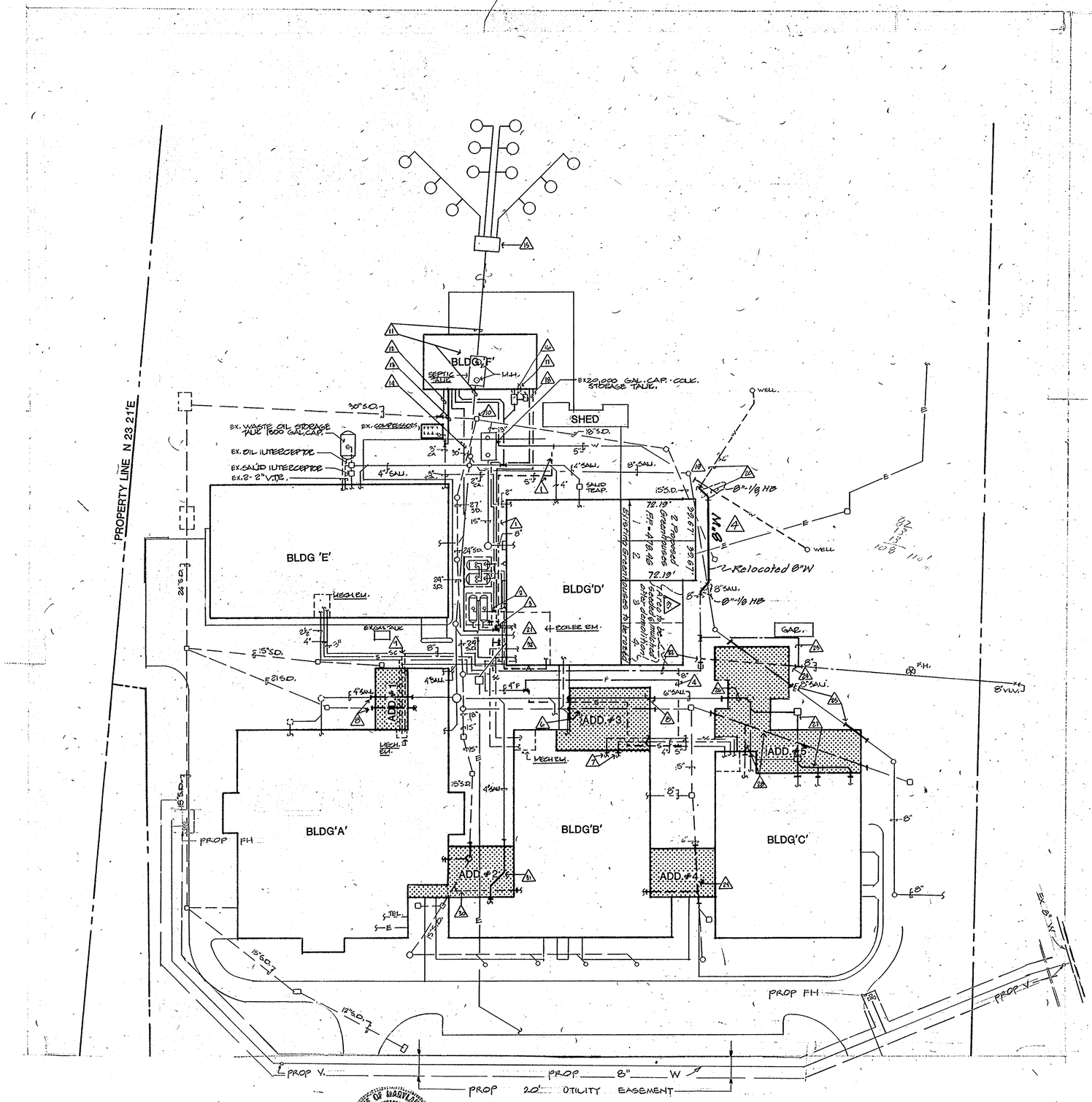
STATE OF MARYLAND — ROBERT S. ROSENFELT — No. 12311 — REGISTERED PROFESSIONAL ENGINEER

REVISION:
ELECTION DISTRICT (3)

DRAWING NO.

SHEET 5 OF 5

BUILDING ADDITIONS TO SDP-73-64 SDP-85-01



No	Date	Revisions
4	11-6-07	Relocated approx. 110' of 8" private water main.
3	7-25-07	Removed 4 existing greenhouses and replaced with 2 proposed greenhouses.

REVISION 2 7/25/07 FISHER COLLINS & CARTER, INC.
REVISION 4 11/6/07

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-30-84

BUILDING ADDITION TO SDP-73-64

1. REMOVE EXISTING 5" WATER LINE.
2. CONNECT DCR TO 4" COMPRESSED AIR LINE. ABANDON 4" LINE TO COMPRESSOR IN BOILER ROOM.
3. CONNECT DYNAMOMETER SUPPLY TO 8" LINE FROM 10,000 GALLON STORAGE TANKS.
4. REMOVE EXISTING 4" FIRE LINE AND INSTALL " FIRE LINE AS INDICATED.
5. REPLACE EXISTING 6" SANITARY WITH 6" CAST IRON SANITARY.
6. REPLACE EXISTING 15" STORM WITH 15" CAST IRON STORM.
7. EXISTING 5" STEAM, 1-1/4 PUMP COND. AND 4" WATER LINES TO BE REMOVED AND RELOCATED THROUGH BUILDING. SEE DRAWING M-5.
8. REPLACE 4" SANITARY AND 21" STORM WITH 4" CAST IRON SANITARY AND 21" CAST IRON STORM.
9. REMOVE EXISTING 6" FIRE, 4" WATER, 6" STEAM AND 3" COND. AS INDICATED. RECONNECT AND REROUTE AS INDICATED ON DRAWING M-4. RE-INSTALL SIAMESE CONNECTION, WATER GONG AND POST INDICATOR VALVE.
10. REPLACE EXISTING CATCH BASIN GRATE WITH HEAVY TRAFFIC FRAME AND GRATE.
11. EXISTING SEPTIC TANK AND PIPING TO BE REMOVED.
12. EXTEND AND CONNECT 8" STORM WATER LINE TO EXISTING 30".
13. EXTEND AND CONNECT 3" COMPRESSED AIR LINE TO BUILDING F.
14. EXTEND AND CONNECT NEW " STEAM AND " CONDENSATE RETURN FROM EXISTING MAIN AT BUILDING 'D' TO BUILDING 'F'.
15. EXISTING DISTRIBUTION BOX TO BE REMOVED AND 12 EXISTING LEACHING TO BE FILLED.
16. 2" OIL INTERCEPTOR VENT.
17. 2" WASTE OIL TANK VENT.
18. EXTEND AND CONNECT 2" DYNAMOMETER COOLING RETURN TO EXISTING COMPRESSED AIR CONNECTION TO EXISTING 10,000 GALLON TANKS.
19. CONNECT 8" WATER TO EXISTING 5" WATER.
20. EXISTING WELLS AND ASSOC. PIPING TO BE REMOVED AND FILLED IN.
21. EXTEND AND CONNECT 5" WATER TO EXISTING 5" SYSTEM.
22. EXTEND AND CONNECT 8" WATER TO 8" FIRE LINE FROM SPRINKLER AND SUPPLY TANKS.
23. EXTEND AND CONNECT 8" WATER AS INDICATED.
24. REMOVE EXISTING 8" WATER LINE.
25. REPLACE 8" SANITARY WITH 8" CAST IRON SANITARY.
26. REPLACE EXISTING 6" SANITARY WITH 6" CAST IRON SANITARY AND REMOVE EXISTING MANHOLE.
27. RELOCATE EXISTING GREASE TRAP AND REPLACE EXISTING 4" SANITARY WITH 4" CAST IRON SANITARY LINE AS INDICATED.
28. REPLACE EXISTING 8" STORM WITH 8" CAST IRON STORM AS INDICATED.
29. REPLACE EXISTING 6" STORM WITH 6" CAST IRON STORM.
30. REMOVE EXISTING DRAIN AND REPLACE EXISTING 15" STORM WITH 15" CAST IRON STORM.
31. REPLACE EXISTING 4" SANITARY WITH 4" CAST IRON SANITARY.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

DIRECTOR — DATE 1-16-85

CHIEF, BUREAU OF ENGINEERING — DATE 2-20-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARMENT

COUNTY HEALTH OFFICER — DATE 2-27-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 3-1-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. — DATE 5-1-85

UTILITY PLAN

SCALE: 1" = 50'

ALTERATIONS AND ADDITIONS TO HOWARD VOCATIONAL-TECHNICAL CENTER
ELLICOTT CITY, MARYLAND, 3 ELECTION DISTRICT - 3
FOR THE
BOARD OF EDUCATION OF HOWARD COUNTY
10910 ROUTE 108 - ELLICOTT CITY, MARYLAND 21043

REVISIONS
12/1/84
1/21/85
2/5/85

REGISTERED ARCHITECTURAL

BASCO associates architects & engineers
BALTIMORE, MD. - JOHNSTOWN, PA. - LANCASTER, PA.
YORK, PA. - WILLIAMSBURG, VA. - CHERRY HILL, N.J.

PROJECT NO. 63020

DATE: BY:

SHEET 3 OF: 5

SDP-85-01

SEDIMENT CONTROL PLAN

SCALE: 1" = 50'

ALTERATIONS AND ADDITIONS TO HOWARD VOCATIONAL-TECHNICAL CENTER
ELLICOTT CITY, MARYLAND, ELECTION DISTRICT - 3
FOR THE BOARD OF EDUCATION OF HOWARD COUNTY
10910 ROUTE 108 - ELLICOTT CITY, MARYLAND 21043

REVISIONS
12/21/84
1/21/85
2/6/85

Construction Sequence for the Greenhouses

1. Obtain Demolition permit and grading permit - 1 day
2. Notify "Miss Utility" at least 48 hours before beginning any work at 1-800-257-7777. Notify the Howard County Office of Construction Inspection at 410-313-1880 24 hours before starting work.
3. Install sediment control measures as required during the construction phase. 1 day
4. Demolish the existing greenhouses. 2 weeks
5. Construct the 2 proposed greenhouses. 4 months
6. Fine grade disturbed areas and stabilize with permanent seeding.
7. Notify Howard County Office of Construction for permission to remove sediment control measures and stabilize disturbed areas with permanent seeding.

LEGEND

- 20' x 20' INLET SEDIMENT TRAP
- 10' x 10' INLET SED. TRAP
- INLET PROTECTION

NORTH

S 19° 43' 00" 1264.13

INLET RIM. 475.20

ADDITION #5
BUILDING 'C'
FLR. ELEV. 476.45

Proposed INLET

ADDITION #4
BUILDING 'B'
FLR. ELEV. 478.46

ADDITION #3

ADDITION #2

ADDITION #1
BUILDING "A"
FLR. ELEV. 475.50

2 Proposed Greenhouses
FF = 479.46

Existing Greenhouses to be razed

Area to be seeded & mulched after demolition.

BUILDING "D"

BUILDING "E"

SCE 1.90'

SCE 10'x90'

EX. INLET

PROP. INLET

RIPRAP OUTLET SEDIMENT TRAP
DRAINAGE AREA = 2.3 AC
STORAGE REQ'D = 194 C.Y.
STORAGE PROV'D = 194 C.Y.
BOTTOM SIZE = 10' x 60'
DEPTH = 5' TO CREST

PROP. 8" W. EASEMENT
PROP. 20' UTILITY EASEMENT
PROP. F.H.
PROP. V.

MARYLAND ROUTE 99

S 28° 55' 00" W 1000.00'

N 23° 21' 00" E 224.12'

N 17° 38' 00" E 246.63'

EXIST. MON.

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-30-84

STATE OF MARYLAND — ROBERT S. ROSENFELT — NO. 12311 — REGISTERED PROFESSIONAL ENGINEER

REVISION 2 7-25-07
ASHER, COLLINS & CARTER, INC.

No.	Date	Revision
2	7.25.07	Removed 4 existing greenhouses and replaced with 2 proposed greenhouses. Added Const. Seq. notes.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WATER AND SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.

DIRECTOR, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS — DATE 2-26-85

CHIEF, BUREAU OF ENGINEERING — DATE 2-20-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS

HOWARD COUNTY HEALTH DEPARTMENT

HEALTH OFFICER — DATE 2-27-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 3-1-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. — DATE 3-1-85

ENGINEER'S CERTIFICATION

I CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & 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 S ROSENFELT — P.E.# 12311 — 6/25/84 DATE

DEVELOPER'S CERTIFICATION

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

Howard County Public School System / Henry Hamming
DEVELOPER — 10/20/84 DATE

THIS PLAN HAS BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

J. Helm Jr. — 9-12-84
U.S. SOIL CONSERVATION DISTRICT — DATE

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

APPROVED: Stanley L. Fuller — 9/12/84
HOWARD SOIL CONSERVATION DISTRICT — DATE

SEQUENCE OF OPERATIONS

1. NOTIFY HOWARD COUNTY BUREAU OF INSPECTIONS and PERMITS, SEDIMENT CONTROL DIVISION @ 992-2420 AT LEAST 24 HOURS PRIOR TO BEGINNING ANY WORK.
2. PERFORM LIMITED GRADING FOR SEDIMENT CONTROL MEASURES ONLY.
3. INSTALL ALL SEDIMENT CONTROL MEASURES EXCEPT TRAPS AT PROPOSED INLETS.
4. ROUGH GRADE AREA OF WORK and INSTALL PROPOSED INLETS and STORM DRAINS. INSTALL ALL REMAINING SEDIMENT TRAPS.
5. CONSTRUCT PROPOSED ALTERATIONS and ADDITIONS.
6. FINE GRADE REMAINING DISTURBED AREAS and INSTALL PROPOSED WALKS, CURBS and PAVING.
7. STABILIZE ALL UNPAVED DISTURBED AREAS.
8. UPON APPROVAL of SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES and STABILIZE ALL REMAINING DISTURBED AREAS.

NOTES

1. ALL 20' x 20' INLET SEDIMENT TRAPS SHALL BE 2' DEEP. VOLUME OF STORAGE = 45 C.Y. ALL 10' x 10' INLET SEDIMENT TRAPS SHALL BE 1' DEEP. VOLUME OF STORAGE = 5 C.Y.
2. SIDE SLOPES of ALL TRAPS SHALL BE 2:1. ALL TRAPS SHALL BE CLEANED OUT WHEN SEDIMENT REACHES ½ OF THE DESIGN DEPTH.
3. ALL SPOIL TAKEN FROM THIS SITE SHALL BE HAULED TO A SITE WITH A CURRENT GRADING PERMIT AND AN APPROVED SEDIMENT CONTROL PLAN.
4. ALL UTILITIES SHOWN HEREON ARE APPROXIMATE. CONTRACTOR SHALL LOCATE EXISTING UTILITIES PRIOR TO BEGINNING ANY WORK.
5. ALL STOCKPILE and STAGING AREAS SHALL BE COMPLETELY WITHIN THE LIMITS of CLEARING and DISTURBANCE and SHALL DRAIN TO AN APPROVED and FUNCTIONING SEDIMENT CONTROL DEVICE.

PLAN
SCALE: 1" = 50'

DISTURBED AREA
190,000 SQ. FEET (4.4 AC±)

STATE OF MARYLAND — ROBERT S. ROSENFELT — NO. 12311 — REGISTERED PROFESSIONAL ENGINEER

STATE OF MARYLAND — ROBERT S. ROSENFELT — NO. 12311 — REGISTERED PROFESSIONAL ENGINEER

ARCHITECTURAL REGISTRATION — No. 4-1-1 — STATE OF MARYLAND

BASCO associates architects & engineers
BALTIMORE MD. - JOHNSTOWN, PA. - LANCASTER, PA.
YORK, PA. - WILLIAMSBURG, VA. - CHERRY HILL, N.J.

PROJECT NO.

HOFF, ROSENFELT & WOOLFOLK, INC
Civil Engineers & Landscape Architects
11 Gwynns Mill Court
Owings Mills, MD 21117
(301) 363-6830

DATE: 6/25/84
BY: [illegible]

SHEET 4 of 9

SDP-85-01 018/008

GRADING PLAN

SCALE: 1" = 50'

ALTERNATE # 3 (ALL WORK IN THIS AREA)

S 19° 43' 00" 1264.13'

ALTERNATE # 10 (ALL WORK IN THIS AREA)

S 15° 01' 00" E 773.27'

N 23° 21' 00" E 864.14'

N 17° 38' 00" E 646.63'

N 09° 05' 00" W 403.98'

N 09° 05' 00" W 1,000.98'

EX. INLET. RIM. 475.20

RIM 475.10

LOWER EXIST'G 476 INLET RIM TO 475.00

ADDITION #5

BUILDING "C"
FLR. ELEV. 476.45

ADDITION #4

BUILDING "B"
FLR. ELEV. 478.46

ADDITION #3

ADDITION #2

ADDITION #1

BUILDING "A"
FLR. ELEV. 475.56

BUILDING "G"
FLR. ELEV. 475.50

BUILDING "D"
FLR. ELEV. 478.46

2 Proposed Greenhouses
FF-478.46

Existing Greenhouses to be razed

(3) Area to be seeded (mulched) after demolition

BUILDING "F"
FLR. ELEV. 475.42

BLDG. "E"
FLR. ELEV. 475.56

EX. RIM 474.20

474.20

475.08

473.00 RIM ELEV.

PROP. 8" W

PROP. 20' UTILITY EASEMENT

PROP. F.H.

PROP. 8" SAN. SEWER

PROPOSED STORAGE BUILDING 2,400 SQ. FT.

EXISTING MON.

NORTH

SCHEMATIC BUILDING PROFILE
NOT TO SCALE

14'-6"
11'-2"
20'
12
14

NOTE:

1. TOPOGRAPHIC INFORMATION SHOWN ABOVE IS TAKEN FROM A SURVEY MADE BY ASSOCIATED ENGINEERS INC., OF SILVER SPRING, MARYLAND AND DATED JAN. 17, 1984; AND AERIAL TOPO DATED 6/27/78; BOTH SUPPLIED BY THE BOARD OF EDUCATION.

2. EXCESS/FILL MATERIAL IS TO BE DISTRIBUTED ON THE SITE AS DIRECTED BY OWNER UNDER THIS CONTRACT.

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-30-84

SCHEMATIC ELEVATIONS

SCALE: 1" = 20'

BUILDING "F"
21'±

EXIST. BLDG "A" | ADD. #1
17.75'±

BUILDING "G"
10'±

ADDITION #2,3&4 | EXIST. BLDG. "B"
13'±

ADDITION #5 (BEYOND) | EXIST. BLDG. "C" (BEYOND)
16.67'±
13'±
20.67'±

BUILDING ADDITIONS TO SDP 73-64

NO.	DATE	DESCRIPTION
3	7-25-07	Removed 4 existing greenhouses and replaced with 2 proposed greenhouses
2	AUG. 1990	ADD SCHEMATIC BUILDING PROFILE
1	AUG. 1990	ADD. TWO (2) STORAGE BUILDINGS

REVISIONS

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 2-26-85

CHIEF, BUREAU OF ENGINEERING — DATE 2-20-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE 2-27-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 3-4-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. — DATE 3-1-85

STATE OF MARYLAND CHARLES S. CROSS 9111 REGISTERED PROFESSIONAL ENGINEER — 9/11/98 REVISION 1

STATE OF MARYLAND JAMES T. CROSS 13611 REGISTERED PROFESSIONAL ENGINEER — APPROVED 7/25/07 FISHER COLLINS & CARTER INC.

REVISED
12/21/84
2/5/85

REGISTERED ARCHITECTURAL 3009 STATE OF MARYLAND

BASCO associates architects & engineers
BALTIMORE, MD.-JOHNSTOWN, PA.-LANCASTER, PA.
YORK, PA.-WILLIAMSBURG, VA.-CHERRY HILL, N.J.

PROJECT NO. 63020

DATE: — BY: E.R.

SHEET 2 OF: 5

ALTERATIONS AND ADDITIONS TO
HOWARD VOCATIONAL-TECHNICAL CENTER
ELLICOTT CITY, MARYLAND - ELECTION DISTRICT 13
FOR THE
BOARD OF EDUCATION OF HOWARD COUNTY
10910 ROUTE 108 — ELLICOTT CITY, MARYLAND 21043

SDP-85-01

SITE PLAN NOTES:

(A) NEW CONC. CURB
(B) EXISTING INLET
(C) EXISTING FIRE HYDRANT
(D) PAINTED PARKING LINES (TYPICAL)
(E) REMOVE EXISTING BUILDING
(F) REMOVE EXISTING PAVING
(G) NEW STORM WATER INLET. SEE GRADING PLAN FOR RIM ELEVATION.
(H) REMOVE EXISTING GREASE TRAP; FILL & COMPACT HOLE.
(I) EXISTING MANHOLE TO REMAIN.
(J) EXISTING INLET TO BE REMOVED (SEE UTILITY PLAN)

SUBDIVISION NAME			SECT./AREA		LOT/PARCEL#
HOWARD VOCATIONAL CENTER			—		P. 99
PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
465/377	11	R.	29	3RD	6030
WATER CODE		SEWER CODE			

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
P. 99	10220 MD. RTE. 108

No.	Revision	Date
3	Removed 4 existing greenhouses and replaced with 2 proposed greenhouses.	7-25-07

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 1-16-85

CHIEF, BUREAU OF ENGINEERING — DATE 2-20-85

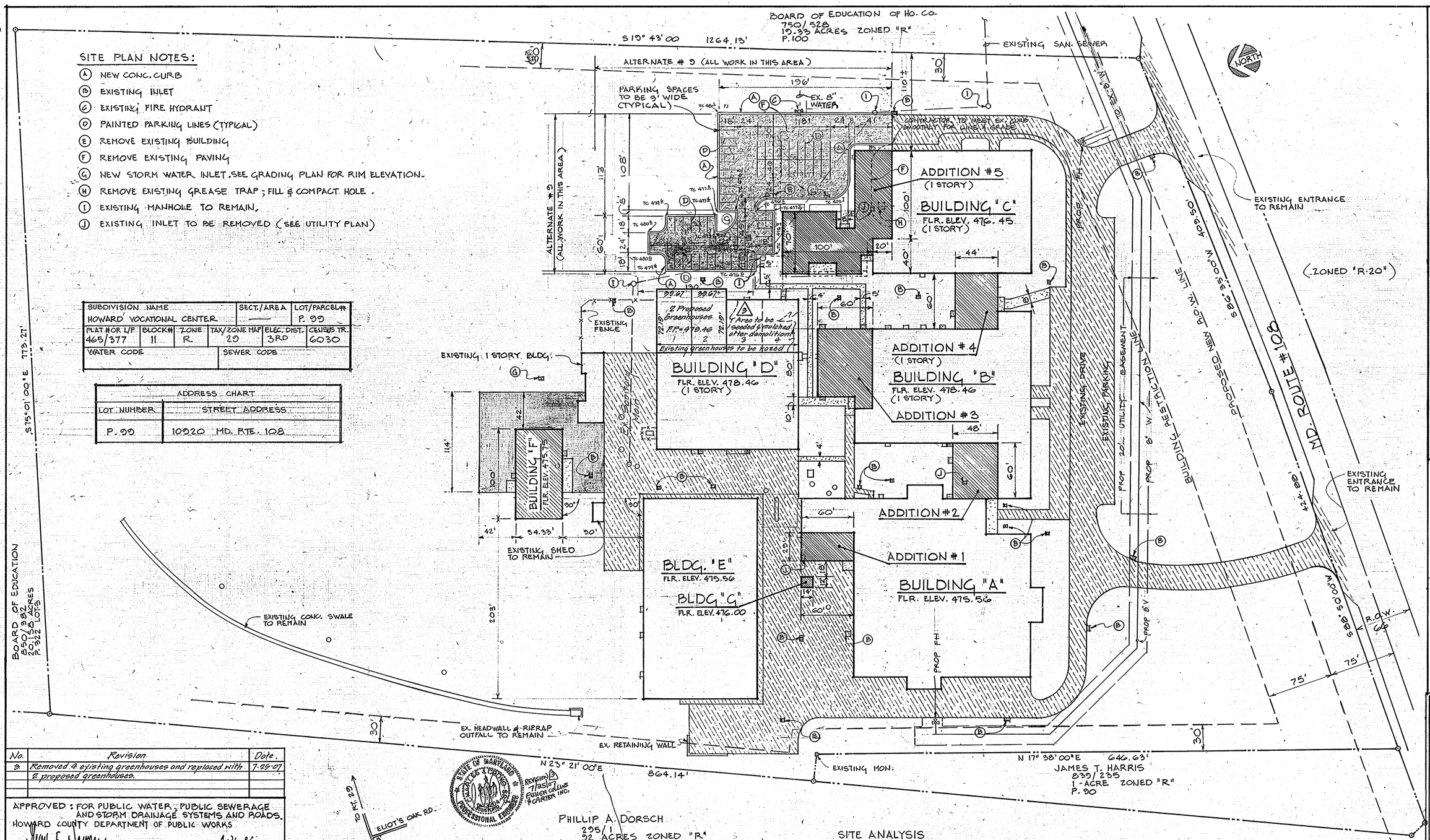
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

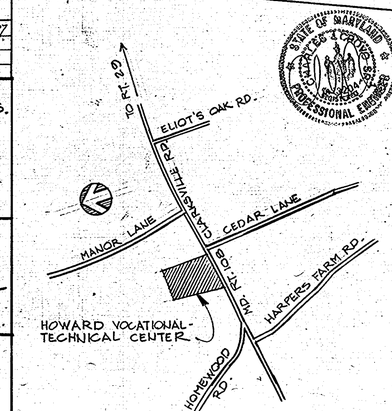
COUNTY HEALTH OFFICER — DATE 2-27-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 3-4-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. — DATE 3-1-85





VICINITY MAP N.T.S.

STATE OF MARYLAND — PHILLIP A. DORSCH — No. 7785 — PROFESSIONAL ENGINEER

REVISION 3 7/25/07 FISHER COLLINS & CARTER, INC.

PHILLIP A. DORSCH
295/1
32 ACRES ZONED "R"
P. 1

NOTE:

1. THE EXISTING CONDITIONS DESCRIBED ABOVE ARE TAKEN FROM A TOPOGRAPHIC SURVEY BY ASSOCIATED ENGINEERS INC. OF SILVER SPRING, MD. AND THE ORIGINAL SITE DEVELOPMENT PLANS. BOTH SUPPLIED BY THE OWNER.
2. WATER AND SEWER MAINS COMPLETED UNDER CONTRACT NO. 2831-W&S 1080
3. WATER MAIN EXTENSION FOR PROPOSED FIRE HYDRANTS UNDER CONTRACT #44-1314-D, SDP-85-01.

SITE ANALYSIS

OWNER: BOARD OF EDUCATION OF HOWARD COUNTY

AREA OF PARCEL: 25.32 ACRES

BUILDING AREA: EXISTING = 146,380 S.F.
PROPOSED = 172,184 S.F

PARKING: EXISTING = 118 SPACES
PROPOSED = 118 SPACES
REQUIRED = 0

TAX MAP #29

DEED REFERENCE: LIBER 465 FOLIO 377

ZONED: "R"

ELECTION DISTRICT 3RD.

PRESENT BUILDING COVERAGE OF SITE = 13%
PROPOSED BUILDING COVERAGE OF SITE = 16%

LEGEND

- EXISTING PAVING TO REMAIN
- NEW CONC. PAVING
- NEW BITUMINOUS PAVING
- NEW CONSTRUCTION
- (B) SPECIAL NOTE

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-30-84

BUILDING ADDITIONS TO SDP-73-64

SITE LAYOUT PLAN

SCALE: 1" = 50'

ALTERATIONS AND ADDITIONS TO HOWARD VOCATIONAL-TECHNICAL CENTER
ELLICOTT CITY, MARYLAND 21043
FOR THE
BOARD OF EDUCATION OF HOWARD COUNTY
10910 ROUTE 108 — ELLICOTT CITY, MARYLAND
ELECTION DISTRICT-3

REVISIONS
12-1-84
11-21-86
2-5-85

ARCHITECTURAL REGISTRATION 3009-A STATE OF MARYLAND

BASCO associates architects & engineers
BALTIMORE, MD.- JOHNSTOWN, PA.- LANCASTER, PA.
YORK, PA.- WILLIAMSBURG, VA.- CHERRY HILL, N.J.

PROJECT NO. 63020

DATE: BY: E.R.

SHEET 1 OF 5

SDP-85-01

SITE PLAN NOTES:

(A) NEW CONC. CURB
(B) EXISTING INLET
(C) EXISTING FIRE HYDRANT
(D) PAINTED PARKING LINES (TYPICAL)
(E) REMOVE EXISTING BUILDING
(F) REMOVE EXISTING PAVING
(G) NEW STORM WATER INLET. SEE GRADING PLAN FOR RIM ELEVATION.
(H) REMOVE EXISTING GREASE TRAP; FILL & COMPACT HOLE.
(I) EXISTING MANHOLE TO REMAIN.
(J) EXISTING INLET TO BE REMOVED (SEE UTILITY PLAN)

SUBDIVISION NAME			SECT./AREA	LOT/PARCEL#
HOWARD VOCATIONAL CENTER			——	P. 99
PLAT #OR L/F	BLOCK#	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
465/377	11	R	29	3RD	6030
WATER CODE		SEWER CODE			

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
P. 99	10920 MD. RTE. 108

BOARD OF EDUCATION OF HO. CO.
750/528
19.33 ACRES ZONED "R"
P.100

S 19° 43' 00" 1264.13'

EXISTING SAN. SEWER

ALTERNATE # 3 (ALL WORK IN THIS AREA)

PARKING SPACES TO BE 9' WIDE (TYPICAL)

EX. 8" WATER

CONTRACTOR TO MEET EX. PAVE SMOOTHLY FOR LIMIT OF GRADE

ADDITION #5 (1 STORY)
BUILDING "C"
FLR. ELEV. 476.45 (1 STORY)

EXISTING ENTRANCE TO REMAIN

(ZONED "R-20")

EXISTING FENCE

2 Proposed Greenhouses
F.F. = 478.46

Area to be seeded & mulched after demolition

Existing greenhouses to be razed

EXISTING 1 STORY BLDG.

BUILDING "D"
FLR. ELEV. 478.46 (1 STORY)

ADDITION #4 (1 STORY)
BUILDING "B"
FLR. ELEV. 478.46 (1 STORY)

ADDITION #3

EX. 6" Sanitary Main

EXISTING PAVING

EXISTING PARKING

PROP. 20' UTILITY EASEMENT

PROP 8" W

BUILDING RESTRICTION LINE

PROPOSED N 40° 05' W 409.50' R.O.W. LINE

MD. ROUTE #108

BUILDING "F" FLR. ELEV. 475.75

EXISTING SHED TO REMAIN

ADDITION #2

BLDG. "E" FLR. ELEV. 475.56

BLDG. "G" FLR. ELEV. 476.00

ADDITION #1

BUILDING "A" FLR. ELEV. 475.56

EXISTING ENTRANCE TO REMAIN

S 40° 05' 00" E 424.80'

PROP. 8" W

PROP. F.H.

R.O.W. 66'

75'

BOARD OF EDUCATION
ASS'D/B 32
20.156 ACRES
P. 922 LOTS

EXISTING CONC. SWALE TO REMAIN

EX. HEADWALL & RIPRAP OUTFALL TO REMAIN

EX. RETAINING WALL

N 23° 21' 00" E 864.14'

PHILLIP A. DORSCH
295/1
92 ACRES ZONED "R"
P.1

EXISTING MON.

N 17° 38' 00" E 646.63'

JAMES T. HARRIS
839/235
1-ACRE ZONED "R"
P. 90

S 75° 01' 00" E 773.27'

No.	Revision	Date
3	Removed 4 existing greenhouses and replaced with 2 proposed greenhouses.	7-25-07

REVISION 3 7/25/07 FISHER COLLINS & CARTER, INC.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 6-26-85
CHIEF, BUREAU OF ENGINEERING — DATE 2-20-85

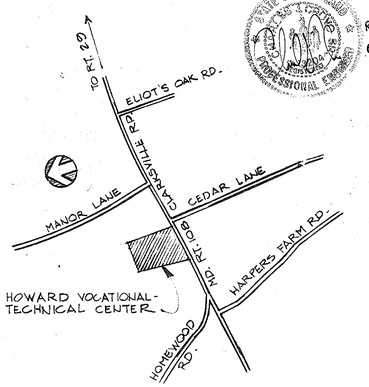
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE 2-27-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 3-1-85
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMIN. — DATE 3-4-85

VICINITY MAP N.T.S.



NOTE:

1. THE EXISTING CONDITIONS DESCRIBED ABOVE ARE TAKEN FROM A TOPOGRAPHIC SURVEY BY ASSOCIATED ENGINEERS INC. OF SILVER SPRING MD. AND THE ORIGINAL SITE DEVELOPMENT PLANS. BOTH SUPPLIED BY THE OWNER.
2. WATER AND SEWER MAINS COMPLETED UNDER CONTRACT NO. 2831-W&S 1980
3. WATER MAIN EXTENSION FOR PROPOSED FIRE HYDRANTS UNDER CONTRACT #44-1314-D, SDP-85-01.

SITE ANALYSIS

OWNER: BOARD OF EDUCATION OF HOWARD COUNTY

AREA OF PARCEL: 25.32 ACRES

BUILDING AREA: EXISTING = 146,380 S.F.
PROPOSED = 172,184 S.F

PARKING: EXISTING = 118 SPACES
PROPOSED = 118 SPACES
REQUIRED = 0

TAX MAP #29

DEED REFERENCE: LIBER 465 FOLIO 377

ZONED: "R"

ELECTION DISTRICT = 3RD.

PRESENT BUILDING COVERAGE OF SITE = 13%
PROPOSED BUILDING COVERAGE OF SITE = 16%

LEGEND

- EXISTING PAVING TO REMAIN
- NEW CONC. PAVING
- NEW BITUMINOUS PAVING
- NEW CONSTRUCTION
- (B) SPECIAL NOTE

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-30-84

BUILDING ADDITIONS TO SDP-73-64

SITE LAYOUT PLAN

SCALE: 1" = 50'

ALTERATIONS AND ADDITIONS TO HOWARD VOCATIONAL-TECHNICAL CENTER
ELLICOTT CITY, MARYLAND; ELECTION DISTRICT 3
FOR THE
BOARD OF EDUCATION OF HOWARD COUNTY
10910 ROUTE 108 — ELLICOTT CITY, MARYLAND 21043

REVISIONS
12/1/84
1/21/85
2/5/85

ARCHITECTURAL REGISTRATION 2009-A

BASCO associates architects & engineers
BALTIMORE, MD. - JOHNSTOWN, PA. - LANCASTER, PA.
YORK, PA. - WILLIAMSBURG, VA. - CHERRY HILL, N.J.

PROJECT NO. 63020

DATE: BY: E.R.

SHEET 1 OF: 5

SDP-85-01