

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

Joyahn Jordan 11-8-77
COUNTY HEALTH OFFICER DATE

APPROVED, HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Donald J. Amigh 11-10-77
PLANNING DIRECTOR DATE

CHIEF DIVISION OF LAND DEVELOPMENT

Howard S. C.D. 11-9-77
DATE

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

P. J. Ray 11/3/77
DIRECTOR DATE

D. W. McCreesh 11/2/77
CHIEF BUREAU OF HIGHWAYS DATE

Reviewed for HOWARD S.C.D. Name

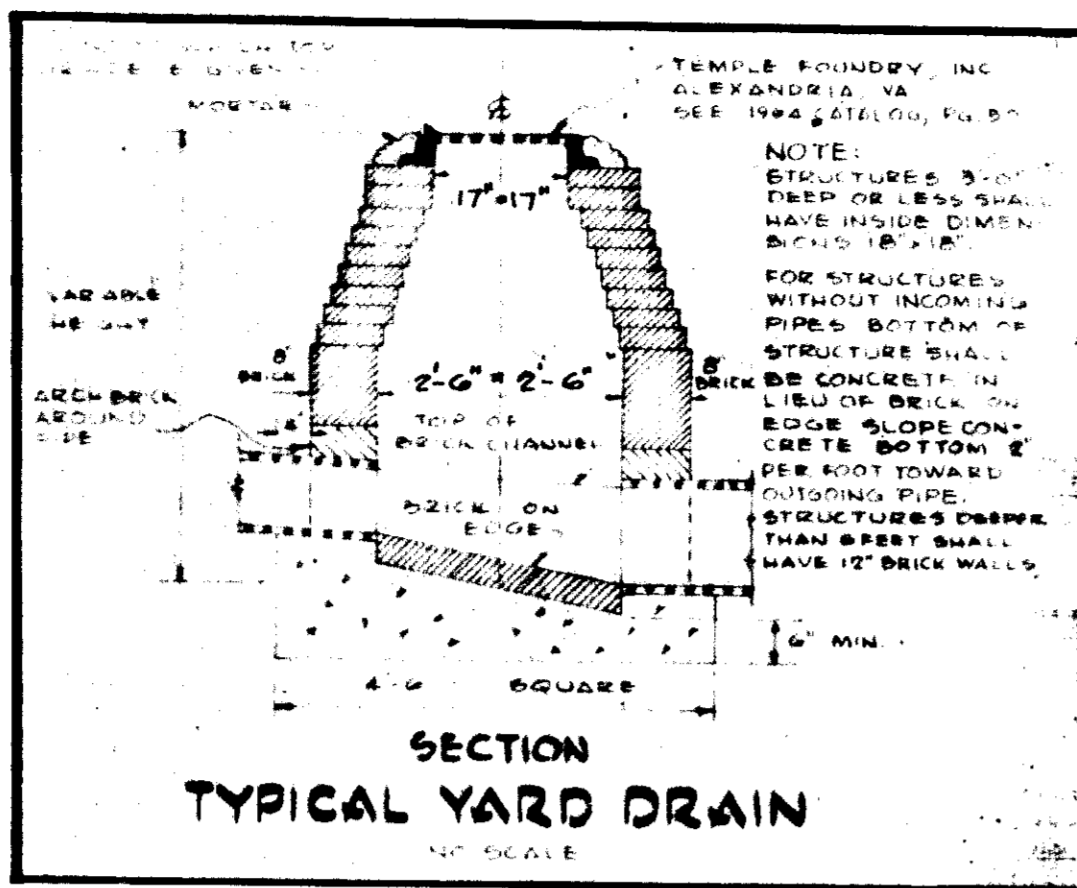
and meets Technical Requirements

C. Wayne Ray Date 10/27/77
Signature

U. S. Soil Conservation Service

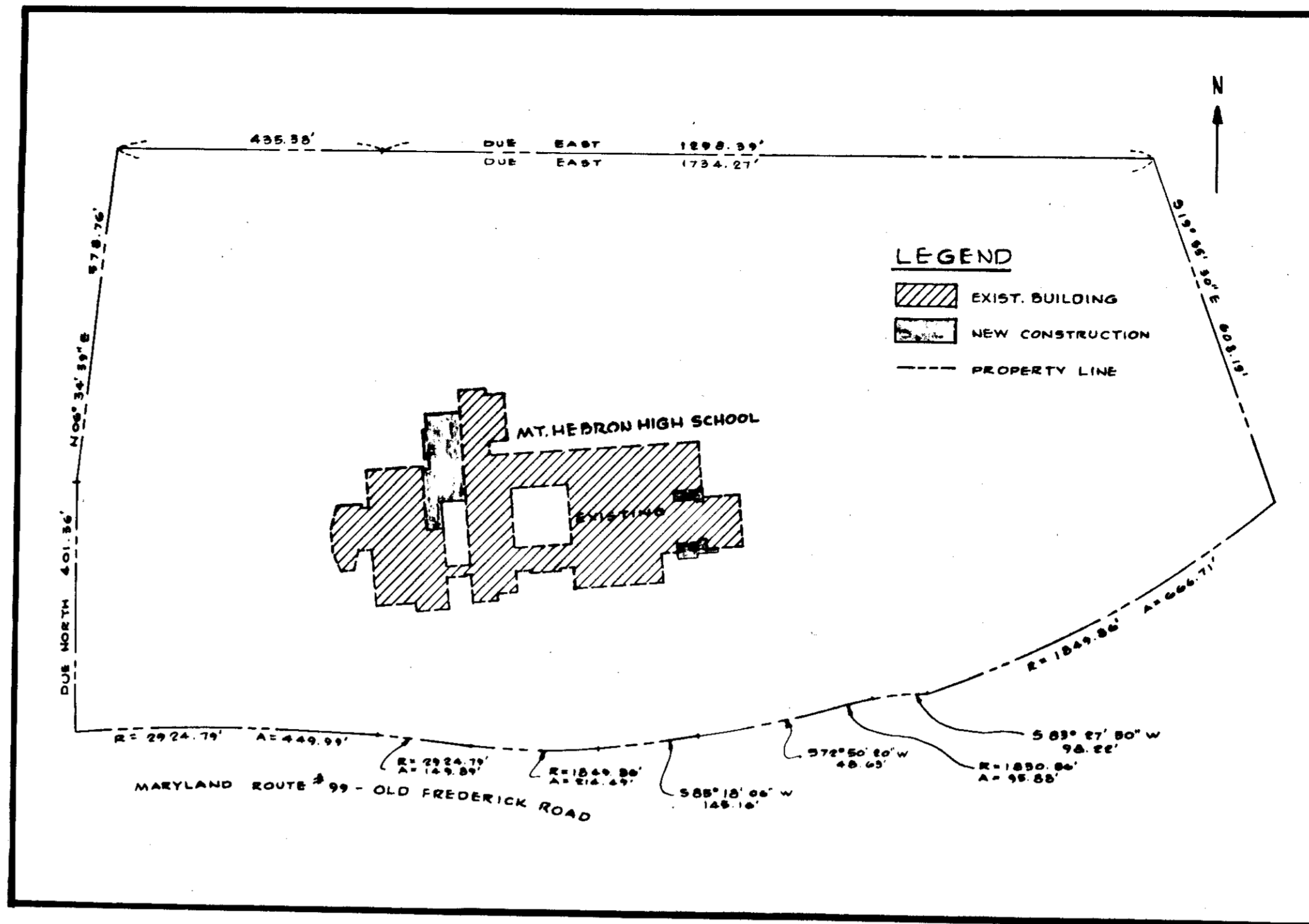
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

Approved *Howard S.C.D.* Date 10-27-77
Howard S.C.D.



SITE INFORMATION

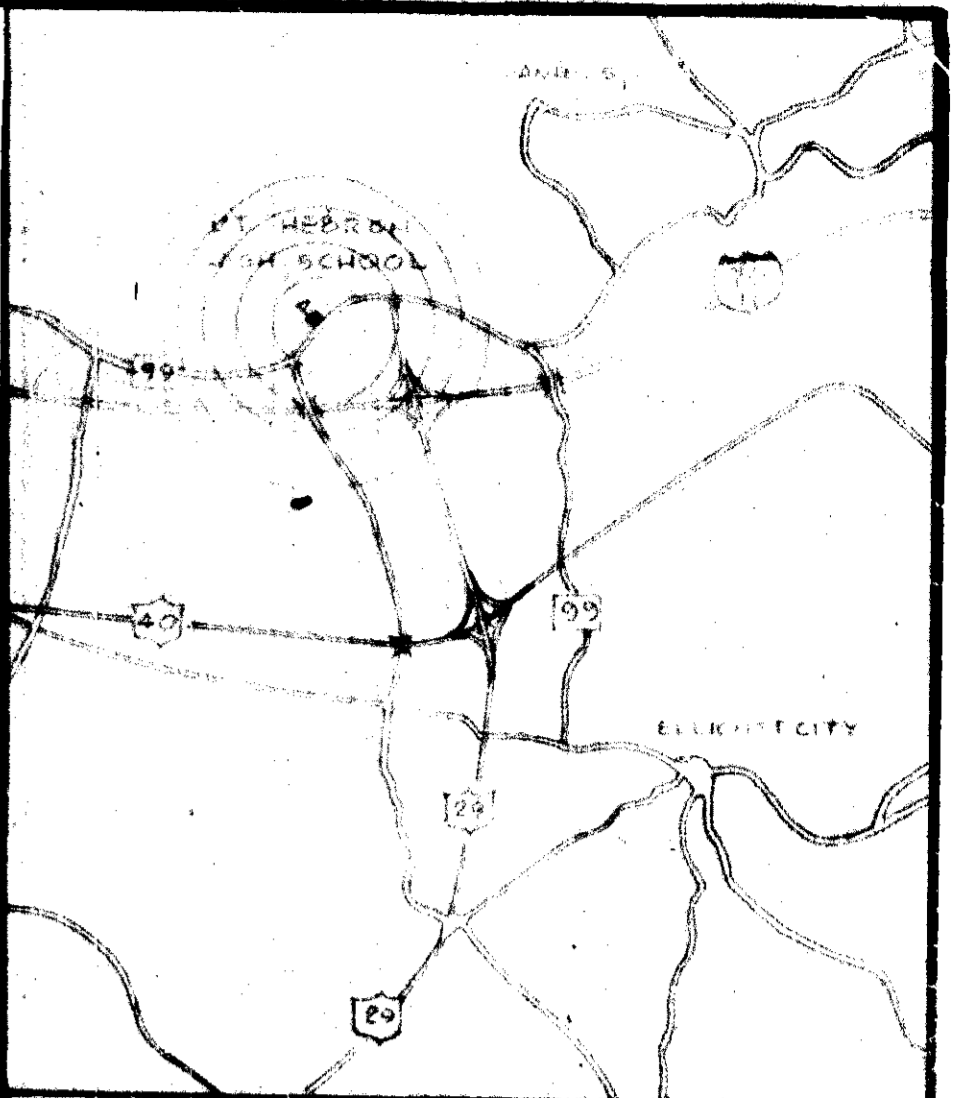
OWNER: BOARD OF EDUCATION OF HOWARD COUNTY
ADDRESS: ROUTE #32, CLARKSVILLE, MARYLAND 21029
TELEPHONE: 301-531-5144
LOCATION: ROUTE #99 AND ST. JOHN'S LANE
ELECTION DISTRICT: #2
TAX MAP: 17
PARCEL: 8
AREA OF PROPERTY: 40.055 ACRES
ZONING: R-20
PROPERTY RECORDED IN LIBER: 406:545:334
FOLIO: 222:131:144.
AREA DISTURBED: 0.530 ACRES
AREA UNDISTURBED: 39.515 ACRES



OVERALL PLAN
SCALE: 1" = 200'

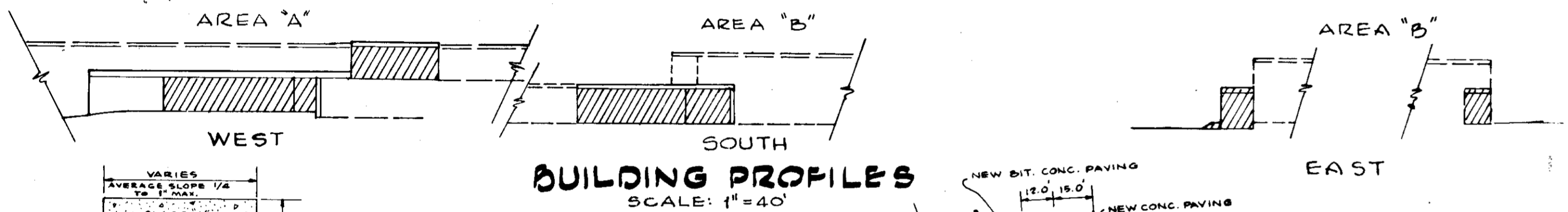
SEDIMENT CONTROL NOTES

- Contractor shall notify the Howard Soil Conservation District and the Bureau of Inspection, License and Permits before starting any work. (Phone 465-3180).
- All Sediment Control Features shall be constructed and stabilized in accordance with the approved plans. Sediment Control Features may be adjusted in the field, however, permission from the Howard S.C.D. Inspector and Owner must be obtained.
- Periodic inspection and maintenance of all Sediment Control Structures and Features must be provided in order to insure that the intended purpose is accomplished.
- Diverted runoff must outlet directly onto an undisturbed stabilized area.
- All disturbed unpaved areas shall be stabilized immediately after fine grading by topsoiling, liming, fertilizing, and sodding.
- Topsoil shall meet all applicable requirements of the "Specifications for Materials, Highways, Bridges and Incidental Structures" of the Maryland State Highway Administration.
- A. Topsoil shall be 4 inches thick (compacted).
Proper allowance in finished grade shall be made for sodded areas.
B. Lime shall be spread at a rate of one (1) ton per acre.
C. Fertilizer 5-10-10 or equivalent shall be applied at a rate of 1700 lbs. per acre. Both lime and fertilizer shall be uniformly applied to the loosened seedbed and shall be raked smooth prior to sodding.
- For sodded areas, the sod shall be laid to a tight fit and rolled in order to knit to the soil. Sodded areas shall be watered for up to 2 weeks, to insure rooting to the soil below.
- No permanent slopes shall be steeper than 3:1.
- No temporary sedimentation measures are to be removed without permission by the Soil Conservation District and only just prior to stabilization of Tributary Areas.



VICINITY MAP
NOT TO SCALE

- GENERAL NOTES**
- FOR BUILDING DIMENSIONS AND ADDITIONAL DETAILS REFER TO ARCHITECTURAL DRAWINGS.
 - FOR SANITARY SEWERS, WATER, ROOF DRAINS AND STORM DRAIN PIPING REFER TO MECHANICAL PLANS.
 - FOR ALL ELECTRICAL WORK REFER TO ELECTRICAL PLANS.
 - ALL DISTURBED UNPAVED AREAS SHALL BE TOPSOILED, LIMED, FERTILIZED AND SODDED. SOD ON SLOPES STEEPER THAN 4:1 SHALL BE PEGGED.
 - ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND APPLICABLE PROVISIONS OF THE MARYLAND STATE HIGHWAY ADMINISTRATION "SPECIFICATIONS FOR MATERIALS, HIGHWAYS, BRIDGES AND INCIDENTAL STRUCTURES."
 - ALL EXISTING UTILITIES ARE BASED ON AVAILABLE RECORDS AND WERE FIELD-CHECKED WHERE POSSIBLE. CONTRACTOR MUST DIG TEST PITS BY HAND AT ALL UTILITY CROSSINGS AND CONNECTION POINTS TO VERIFY EXACT LOCATION AND INVERTS WELL IN ADVANCE OF CONSTRUCTION. IF CLEARANCES ARE NOT AS SHOWN OR IF A CONFLICT IS ANTICIPATED, ARCHITECT SHALL BE NOTIFIED BEFORE PROCEEDING WITH TRENCHING.
 - ALL EXPOSED PORTIONS OF FRAMES AND GRATES OF STORM DRAINAGE STRUCTURES SHALL RECEIVE TWO COATS OF AN APPROVED PAINT.
 - ALL STRUCTURES HAVING A DEPTH OF 3 FEET OR MORE SHALL HAVE C. I. MANHOLE STEPS, STAGGERED AT 15" O. C.
 - STANDARD CURB AND GUTTER TO BE HOWARD COUNTY STANDARD 7" COMBINATION CURB AND GUTTER AS SHOWN ON DRAWING D-40, PAGE 95 OF THE COUNTY STANDARDS.
 - CONTACT "MISS UTILITY" AT LEAST 24 HOURS PRIOR TO COMMENCING EXCAVATION.
 - EXISTING TOPOGRAPHY BASED ON AERIAL SURVEY PREPARED DURING THE FALL OF 1974 BY PHOTO SCIENCE, GAITHERSBURG, MD. GROUND CONTROLS AND TOPOGRAPHIC DETAILS BY ASSOCIATED ENGINEERS, INC. SILVER SPRING, MD. BENCH MARK USED: 1ST FLOOR ELEVATION AT ENTRANCE TO MAIN SCHOOL BUILDING. ELEV. 482.00
 - PITCH GUTTER OF CURBS TO CONFORM TO ADJACENT DRAINAGE PATTERN.
 - CONTRACTOR SHALL PROVIDE ALL SUITABLE FILL MATERIAL IN ORDER TO GRADE SITE TO THE ELEVATIONS SHOWN. ALL UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE. LOCATION OF DISPOSAL AREA SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
 - PREFIX OF 4 MAY HAVE TO BE ADDED TO ALL DESIGN CONTOURS AND SPOT GRADES.
 - THICKNESS OF TOPSOIL SHALL BE 4 INCHES (COMPACTED).



THIS SIDEWALK TO BE CONSTRUCTED IN ACCORDANCE WITH ART. C-35 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS
CONCRETE SIDEWALK
NOT TO SCALE

7" BIT. CONC. SURFACE COURSE BAND C-3
4" BIT. CONC. BASE COURSE BAND C-20R-G-3
WELL COMPACTED SUBGRADE
ON SITE DRIVES AND PARKING AREA
TYPICAL SECTION BIT. CONCRETE PAVING
HEAVY DUTY
NOT TO SCALE

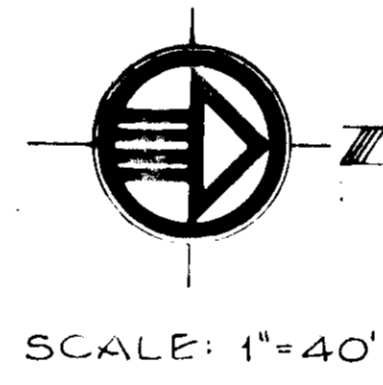
PAVING NOTES
BITUMINOUS CONCRETE BASE COURSE SHALL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STD. SPECS.
A TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF AFOREMENTIONED SPECS. & STANDARDS.

DEVELOPER'S CERTIFICATION
"I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control and I also authorize periodic on-site inspection by the Howard County Soil Conservation District or their authorized agents, as are deemed necessary." Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

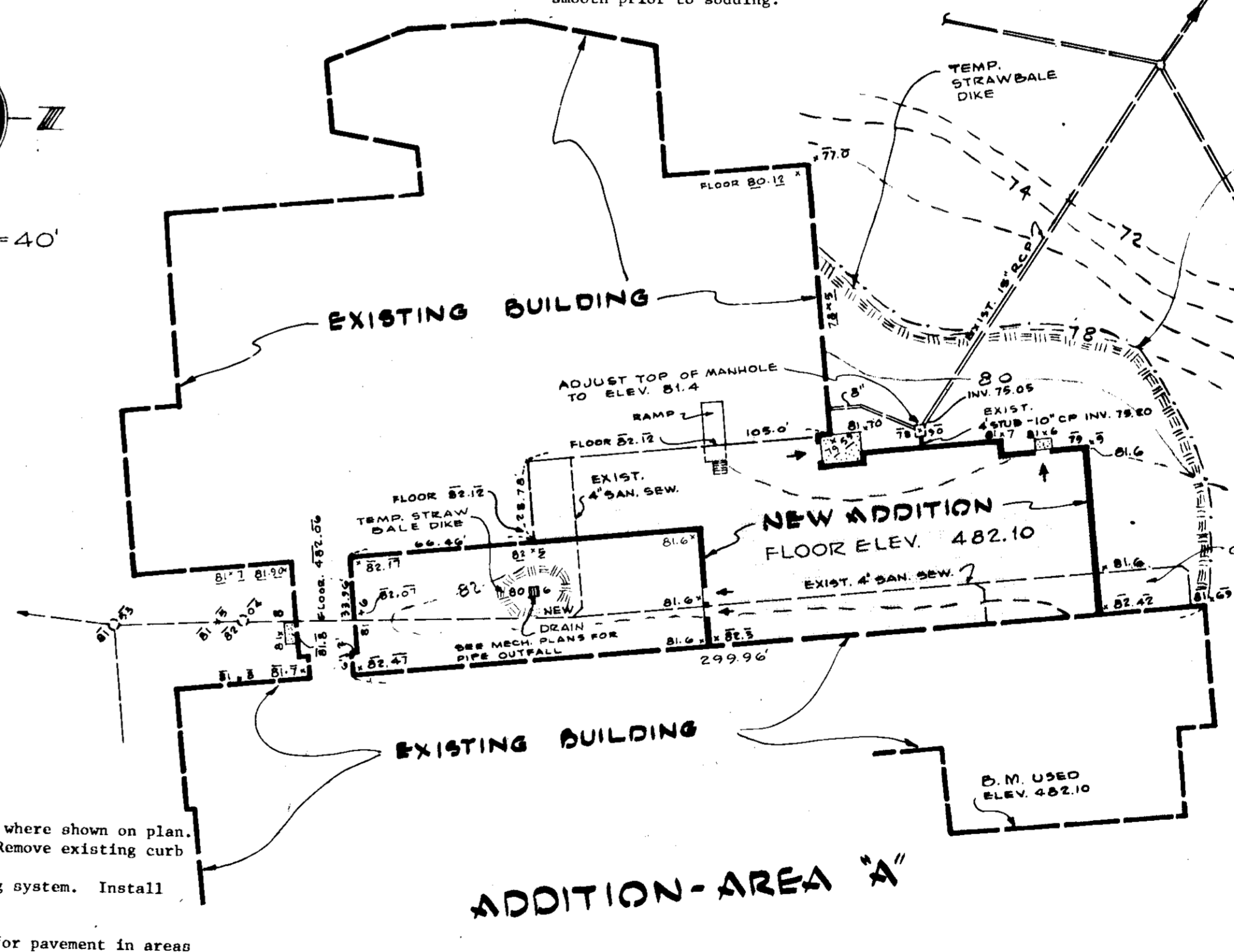
DESIGN CERTIFICATION
"I certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

Donald J. Begany 10/24/77
DATE

Leon Murray 10-20-77
DATE



SCALE: 1" = 40'



- LEGEND**
- EXISTING CONTOURS --- 480 ---
 - DESIGN CONTOURS --- 80 ---
 - EXISTING SPOT GRADE --- 78.6 ---
 - DESIGN SPOT GRADE --- 80.5 ---
 - EXISTING BUILDING [Hatched Box]
 - NEW ADDITION [Solid Box]
 - EXISTING STORM DRAINS [Dashed Line]
 - EXISTING SANITARY SEWER [Solid Line]
 - EXISTING STORM DRAIN STRUCTURES [Circle]
 - EXISTING PAVING [Dotted Box]
 - NEW STORM DRAIN STRUCTURES [Square]
 - NEW CONCRETE SLAB OR WALK [Stippled Box]
 - NEW CONCRETE CURB/GUTTER [Double Line]
 - NEW BITUMINOUS CONCRETE PAVING [Horizontal Lines]
 - LIMIT OF GRADING [Dashed Line]

- CONSTRUCTION SEQUENCE**
- Install temporary straw bale silt barriers where shown on plan.
 - Strip and stockpile topsoil in area "A". Remove existing curb and paving in area "B".
 - Construct new inlet and connect to existing system. Install temporary straw bale silt barrier at inlet.
 - Start excavation for building additions.
 - Construct curb and gutter and base course for pavement in areas where patching of pavement is required.
 - Complete building construction.
 - Repair existing concrete pavement and apply surface course to bituminous concrete base at area of patchings.
 - Install new concrete slab.
 - Stabilize areas to be sodded.
 - Remove straw bale silt barriers.
 - Clean up site and start maintenance.

ASSOCIATED ENGINEERS, INC.
SITE ENGINEERS
888 SIXTEENTH STREET
SILVER SPRING, MARYLAND 20910
TEL. 301-588-7311

JOHANNES & MURRAY & ASSOCIATES
REGISTERED ARCHITECTS
888 PIERING DRIVE SILVER SPRING, MD. 20910
ARCHITECT
DATE 8-15-77

JOHANNES & MURRAY & ASSOCIATES
REGISTERED ARCHITECTS
888 PIERING DRIVE SILVER SPRING, MD. 20910
JAMES B. SULLIVAN, JR. REGISTERED MECHANICAL ENGINEER
MURRAY G. PULFORD REGISTERED ELECTRICAL ENGINEER
ASSOCIATED ENGINEERS, INC. REGISTERED SITE ENGINEER

PSC 13.019.76 ME

ADDITION AND ALTERATION MOUNT HEBRON HIGH SCHOOL

MD. RTE. NO. 99 ROGERS AVE. TO ST. JOHN'S LANE

FOR THE BOARD OF EDUCATION HOWARD COUNTY, MARYLAND
DR. M. THOMAS GODEKE SUPERINTENDENT OF SCHOOLS

DRAWING TITLE **SITE PLAN**

DATE 6-30-77

682B
SP-1
DATE 6-30-77

SDP-78-27