GENERAL NOTES

1. FOR BUILDING DIMENSIONS AND ADDITIONAL DETAILS REFER TO ARCHITECTURAL DRAWINGS. DIMENSIONS FOR PAVING ARE GIVEN TO FACE OF CURB.
2. FOR SANITARY SEWER, WATER, AND ROOF DRAINS REFER TO MECHANICAL PLANS.
3. FOR ALL ELECTRICAL WORK REFER TO ELECTRICAL PLANS.
4. THE FOLLOWING AREAS SHALL BE TOPSOILED, FERTILIZED, LIMED SEEDED AND MULCHED: (1) ALL UNPAVED AREAS WITHIN THE LIMIT OF GRADING UNLESS SHOWN AS SODDED. (2) ALL AREAS OUTSIDE THE LIMIT OF GRADING DISTURBED BY THE CONTRACTOR.
5. 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."
6. 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.
7. ALL EXPOSED PORTIONS OF FRAMES, GRATES AND CURVES OF STORM DRAINAGE STRUCTURES SHALL RECEIVE TWO COATS OF AN APPROVED PAINT.
8. ALL STRUCTURES HAVING A DEPTH OF 3 FEET OR MORE SHALL HAVE C. I. MANHOLE STEPS, STAGGERED AT 15" O.C.
9. STANDARD CURB AND GUTTER TO BE HOWARD COUNTY STANDARD 7" COMBINATION CURB AND GUTTER AS SHOWN ON DRAWING D-40, PAGE 9[illegible] OF THE COUNTY STANDARDS.
10. CONTACT "MISS UTILITY" AT LEAST 24 HOURS PRIOR TO COMMENCING EXCAVATION.
11. 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. 48[illegible].00. FOR LOCATION SEE DRAWING G-2.
12. PITCH GUTTER OF CURBS TO CONFORM TO ADJACENT DRAINAGE PATTERN.
13. 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. CONTRACTOR SHALL OBTAIN PERMIT FOR SOURCE AND QUALITY OF BORROW FILL MATERIAL FROM THE DIVISION OF INSPECTIONS, PERMITS AND LICENSES, HOWARD CO., MD. (TEL. 301-465-5000 EXT. 296)
14. PREFIX OF 4 MAY HAVE TO BE ADDED TO ALL DESIGN CONTOURS AND SPOT GRADES.
15. THICKNESS OF TOPSOIL SHALL BE 4 INCHES (COMPACTED).

GENERAL NOTES (CONTINUED)

16. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS SHALL BE NOTIFIED FOR PAVING INSPECTION.
17. ALL FILL UNDER PIPES AND CONCRETE DITCHES SHALL BE COMPACTED TO 95% DENSITY AT OPTIMUM MOISTURE CONTENT

SEDIMENT TRAP SCHEDULE BASE BID

TRAP	TRIB. AREA ACRES	REQ'D CAP* CU. YDS.	TRAP DIMENSIONS (FT.)** W.	L.	D.	ACTUAL CAP. CU. YDS.	WEIR OUTFALL*** WEIR WIDTH FT.	OVERALL OUTFALL WIDTH FT.
A	6.9	462.3	32	70	4	462.0	20	28
I-1+6	1.2	80.4	22	22	3	87.1	-	-
I-2	1.1	73.7	20	20	3	75.1	-	-
I-3	1.6	107.2	22	30	3	112.0	-	-
I-7	0.6	42.9	15	15	3	49.0	-	-
I-8	0.7	46.9	15	15	3	49.0	-	-
I-10a	0.8	53.6	13	20	3	55.0	-	-
I-10b	0.8	53.6	13	20	3	55.0	-	-

SEDIMENT TRAP SCHEDULE ALTERNATE

TRAP	TRIB. AREA ACRES	REQ'D CAP* CU. YDS.	W.	L.	D.	ACTUAL CAP. CU. YDS.	WEIR WIDTH FT.	OVERALL OUTFALL WIDTH FT.
B	0.76	50.92	15	15	3	53.0	5	13
I-9	0.68	45.56	14	14	3	48.44	-	-
I-12	0.67	44.89	10	18	3	46.67	-	-

* REQUIRED CAPACITY BASED ON 67 CU. YDS. REQUIRED VOLUME PER DISTURBED ACRE.
** LENGTH AND WIDTH DIMENSIONS ARE AT BASE OF TRAP.
*** SEE ALSO SEDIMENT TRAP ON SEDIMENT CONTROL PLAN AND APPLICABLE DETAILS IN THIS CONTRACT.

NOTE: REFER TO CONSTRUCTION SEQUENCE.

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

Approved: R.W. Zichm Date 8/19/75
Howard S.C.D.

REVIEWED FOR Howard S.C.D.
NAME
AND MEETS TECHNICAL REQUIREMENTS
C. Wayne Ray 8-18-75
Signature Date

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE

8/26/75
DATE

DATE

DATE

8-21-75
DATE

8/21/75
DATE

CONSTRUCTION SEQUENCE

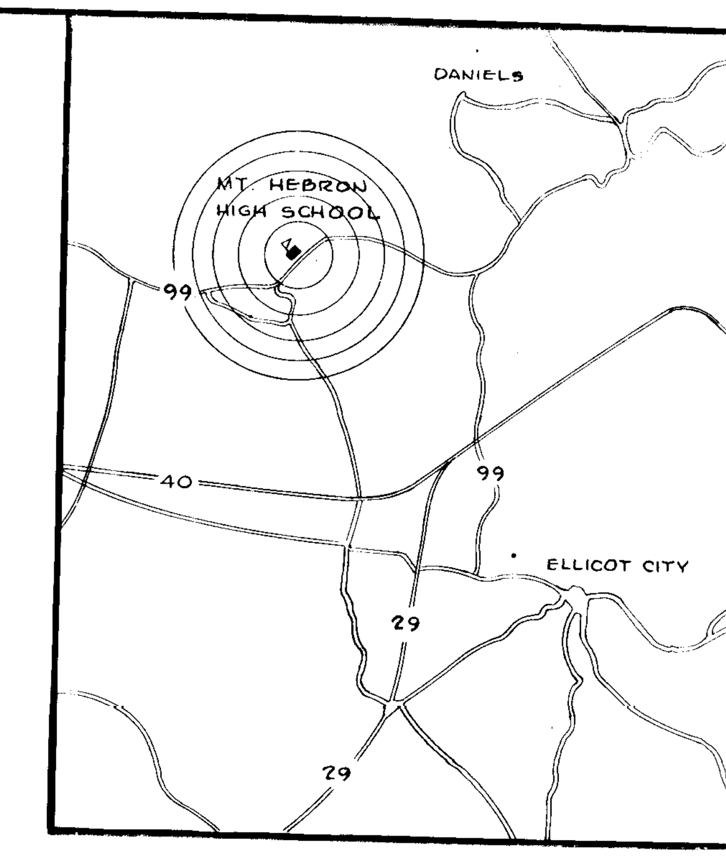
1.) INSTALL STONE ENTRANCE DIKES AND STRAW BALE SILT BARRIERS.
2.) CONSTRUCT EARTH PERIMETER DIKES USING TOPSOIL; STABILIZE IN ACCORDANCE WITH SEDIMENT CONTROL NOTE #11.
3.) INSTALL SEDIMENT TRAP "A"* AND PROVIDE A 42" HIGH TEMPORARY FENCE.
4.) CLEAR AND GRUB AREA TO BE DISTURBED, STRIP AND STOCKPILE TOPSOIL.
5.) ROUGH GRADE SITE TO DESIRED SUBGRADE ELEVATIONS. REFER TO GENERAL NOTE #13.
6.) INSTALL STORM DRAIN SYSTEM AND TRAP OR CAP STRUCTURES, EXCEPT CONCRETE OUTFALL DITCH.
7.) START BUILDING CONSTRUCTION.
8.) START CURB AND GUTTER CONSTRUCTION AND INSTALL BASE COURSE OF PAVING FOR PAVED AREAS.
9.) STABILIZE PLAYFIELDS, SLOPES, AND OTHER AREAS TO BE SEEDED OR SODDED. **
10.) REMOVE INLET TRAPS AND CAPS OF STORM DRAINAGE STRUCTURES AND MAKE INLETS OPERABLE AFTER DISTURBED TRIBUTARY AREAS ARE STABILIZED.
11.) REMOVE EARTH DIKE AND SEDIMENT TRAP "A"* AND STABILIZE REMAINING DISTURBED AREA.
12.) CONSTRUCT CONCRETE OUTFALL DITCH.
13.) FINISH BUILDING CONSTRUCTION, APPLY SURFACE COURSE AND STABILIZE REMAINING DISTURBED AREAS.
14.) CLEAN UP SITE AND START MAINTENANCE.

* TRAP "B" UNDER ALTERNATE GRADING.

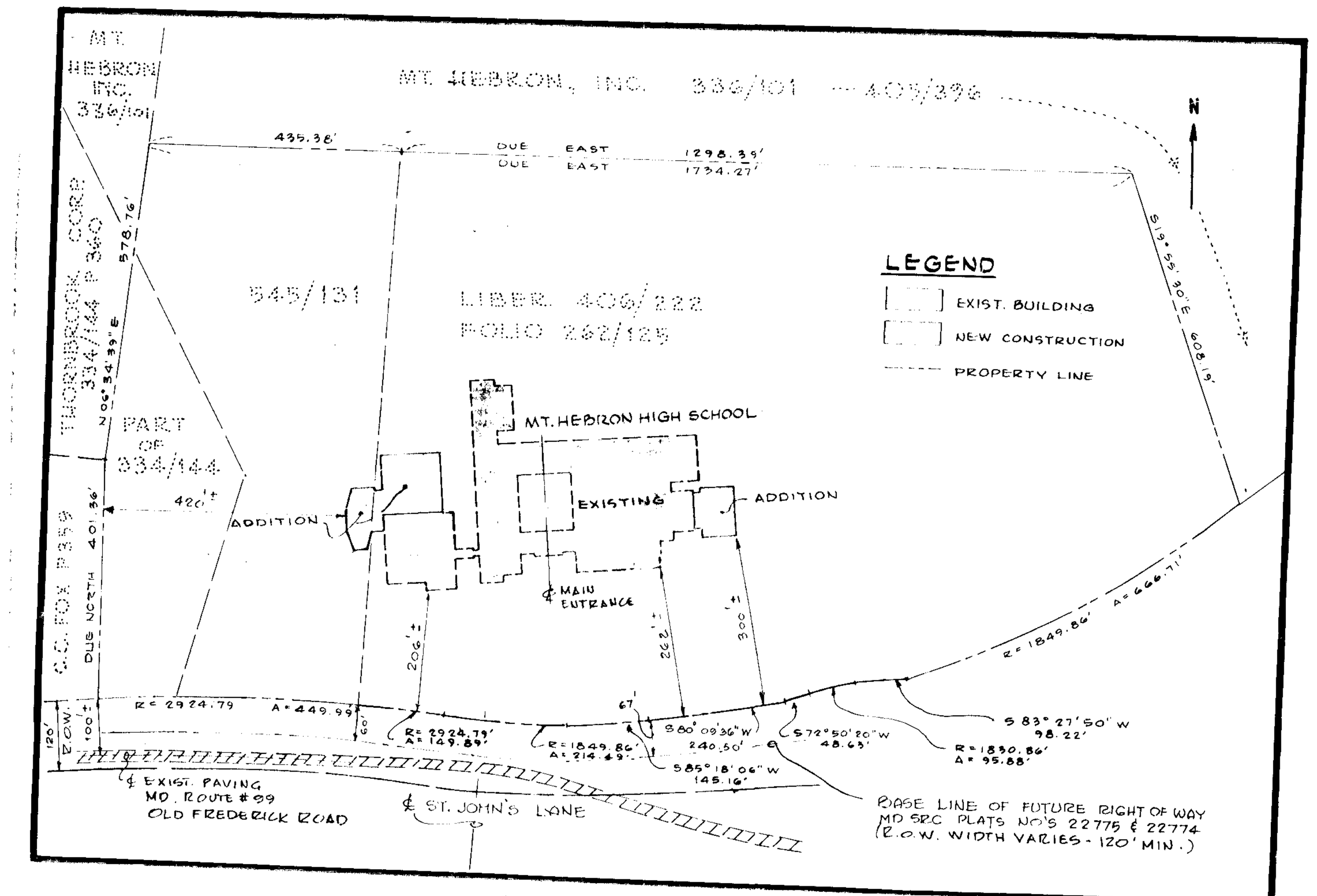
** PLAYFIELD OMITTED UNDER ALTERNATE GRADING.

SEDIMENT CONTROL NOTES

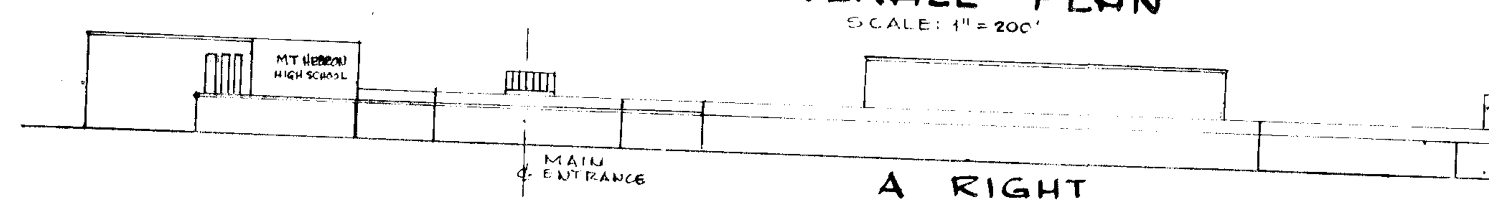
1. CONTRACTOR SHALL NOTIFY THE HOWARD SOIL CONSERVATION DISTRICT AT LEAST 24 HOURS BEFORE STARTING ANY WORK. (PH 465-[illegible]).
2. ALL SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS; SEDIMENT CONTROL FEATURES MAY BE ADJUSTED IN THE FIELD, HOWEVER, PRIOR PERMISSION FROM HOWARD S.C.D. AND ARCHITECT MUST BE OBTAINED.
3. PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES AND FEATURES MUST BE PROVIDED IN ORDER TO INSURE THAT THE INTENDED PURPOSE IN ACCOMPLISHED.
4. NO TEMPORARY SEDIMENTATION MEASURES ARE TO BE REMOVED WITHOUT PERMISSION BY THE SOIL CONSERVATION DISTRICT AND ONLY JUST PRIOR TO STABILIZATION OF TRIBUTARY AREAS.
5. ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY FOLLOWING FINE GRADING.
6. TOPSOIL SHALL MEET ALL APPLICABLE REQUIREMENTS OF THE SPECIFICATIONS FOR MATERIALS, HIGHWAYS, BRIDGES AND INCIDENTAL STRUCTURES OF THE MARYLAND STATE HIGHWAY ADMINISTRATION.
7. LIME SHALL BE SPREAD AT A RATE OF ONE (1)TON PER ACRE.
8. 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 SEEDING OR SODDING. MIXTURE FOR PERMANENT SEEDING SHALL BE 230 LBS. PER ACRE OF KENTUCKY 31 TALL FESCUE AND 20 LBS. PER ACRE OF RYE.
9. IMMEDIATELY AFTER SEEDING THE AREA SHALL BE UNIFORMLY MULCHED AT A RATE OF 3000 LBS. PER ACRE, ANCHORED WITH 480 GAL. PER ACRE OF ASPHALT. SWALES HAVING A GRADE STEEPER THAN 2% THE MULCH SHALL BE OVERLAID WITH PLASTIC OR FIBER NETTING STAPLED TO THE GROUND ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
10. 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 ENSURE ROOTING TO THE SOIL BELOW. ALL SLOPES 3 TO 1 AND STEEPER SHALL BE SODDED AND PEGGED.
11. TEMPORARY BERMS AND DIKES SHALL BE COMPACTED BY SEVERAL PASSES WITH THE CONSTRUCTION EQUIPMENT. BERMS AND DIKES SHALL BE STABILIZED IMMEDIATELY BY USING THE FOLLOWING RATES: 1 TON OF LIME PER ACRE, 500 LBS. OF 5-10-10 FERTILIZER PER ACRE, 1.5 TONS OF MULCH AND 40 LBS. OF RYE GRASS PER ACRE.



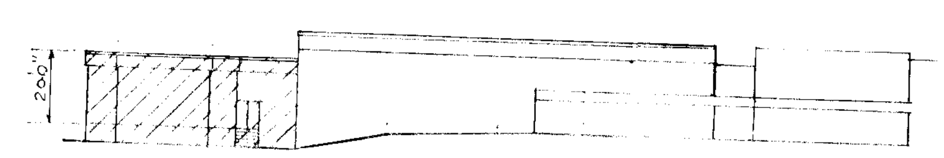
VICINITY MAP
NOT TO SCALE



OVERALL PLAN
SCALE: 1" = 200'



A RIGHT



A LEFT

SCHEMATIC ELEVATIONS OF FRONT SHOWING HEIGHT OF ADDITIONS

SCALE: 1" = 40'

LEGEND

- —472— EXISTING CONTOUR
- —62— DESIGN CONTOUR (ADD PREFIX OF 4)
- 78 x 65 EXISTING SPOT GRADE
- 64 x 81 DESIGN SPOT GRADE (ADD PREFIX OF 4)
- EXISTING BUILDING OUTLINE
- PROPOSED BUILDING OUTLINE
- PROPERTY LINE
- EXISTING PAVING
- EXISTING FENCE LINE
- EXISTING UTILITY POLE
- EXISTING STORM DRAIN PIPE AND STRUCTURES
- NEW CONCRETE CURB AND GUTTER
- NEW BITUMINOUS PAVING (HEAVY DUTY)
- NEW CONCRETE WALKS, SLABS OR SWALES
- RD ROOF DRAINS (SEE MECH. DRAWINGS)
- NEW STORM SEWER INLETS
- NEW STORM SEWER MANHOLE
- RIP-RAP
- TRAP INLET WITH TEMP. SILT TRAP
- TEMP. SEDIMENT TRAP WITH STONE OUTFALL
- CAP INLET TO BE CAPPED
- TEMP. EARTH INTERCEPTOR DIKE
- LIMIT OF GRADING
- AREA TO BE SODDED
- TEMPORARY CONSTRUCTION FENCE

8/4/75

SITE INFORMATION

OWNER: BOARD OF EDUCATION OF HOWARD COUNTY
ADDRESS: ROUTE #32 CLARKSVILLE, MD. 21029 TELEPHONE 301-531-5144
LOCATION: ROUTE #99 and ST. JOHN'S LANE

ELECTION DISTRICT: #2
TAX MAP: 1[illegible]
PARCEL #:
AREA OF PROPERTY: 40.0 ACRES
ZONING: R-20
PROPERTY RECORDED IN LIBER: 406;545;334. FOLIO: 222 131 144

AREA OF BUILDING:	0.50 Ac.
AREA OF PAVEMENT:	0.05 Ac.
AREA SODDED:	1.76 Ac.
AREA SEEDED:	4.35 Ac.
AREA UNDISTURBED:	33.44 Ac.

COMPLETE SET OF SITE DEVELOPMENT DRAWINGS CONSIST OF THE FOLLOWING:

CONTRACT DRAWINGS
- G-0 COVER SHEET
- G-1 SITE & SEDIMENT CONTROL PLAN - AUDITORIUM ADDITION
- G-2 SITE & SEDIMENT CONTROL PLAN - GYMNASIUM ADDITION
- G-3 DETAILS
- G-4 STORM SEWER PROFILES

SUPPORTING DESIGN DOCUMENTS
- DD-1 DRAINAGE DIVIDES - AUDITORIUM ADDITION
- [illegible] STORM DRAINAGE COMPUTATIONS

NOTE:
FOR ALTERNATE GRADING PLAN
SEE DRAWING G-3

SDP-75-106

JOHANNES & MURRAY & ASSOCIATES
REGISTERED ARCHITECTS
955 PERSHING DRIVE SILVER SPRING MD. 585-3792
JAMES B SULLIVAN, JR STRUCTURAL ENGINEER 589-1023
P. L. LUTZ MECHANICAL ENGINEER 589-1125
HARRY G. FULFORD ELECTRICAL ENGINEER 585-2025
ASSOCIATED ENGINEERS INC SITE ENGINEERS 589-7711

PSC NO 13 OF 74EP

MOUNT HEBRON HIGH SCHOOL

MD. RTE. NO. 99 ROGERS AVE. TO ST. JOHNS LANE

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

DRAWING TITLE: COVER SHEET

JOB NO 682 DATE 5-1-'75

SHEET NO 1 OF 6 G0

SDP-75-106

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

[signature] 8/21/75
COUNTY HEALTH OFFICER DATE

APPROVED, HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR DATE

CHIEF DIVISION OF LAND DEVELOPMENT
MAIN POWER OF PLANNING DATE

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

[signature] 8-25-75
DIRECTOR DEPARTMENT OF PUBLIC WORKS

[signature] 8/21/75
CHIEF BUREAU OF HIGHWAYS DATE

REVIEWED FOR HOWARD S.C.D.
NAME

AND MEETS TECHNICAL REQUIREMENTS

C. Wayne Ray DATE 8-19-75
SIGNATURE

U. S. SOIL CONSERVATION SERVICE

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

APPROVED R. Ziehm DATE 8-19-75
HOWARD S.C.D.

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."

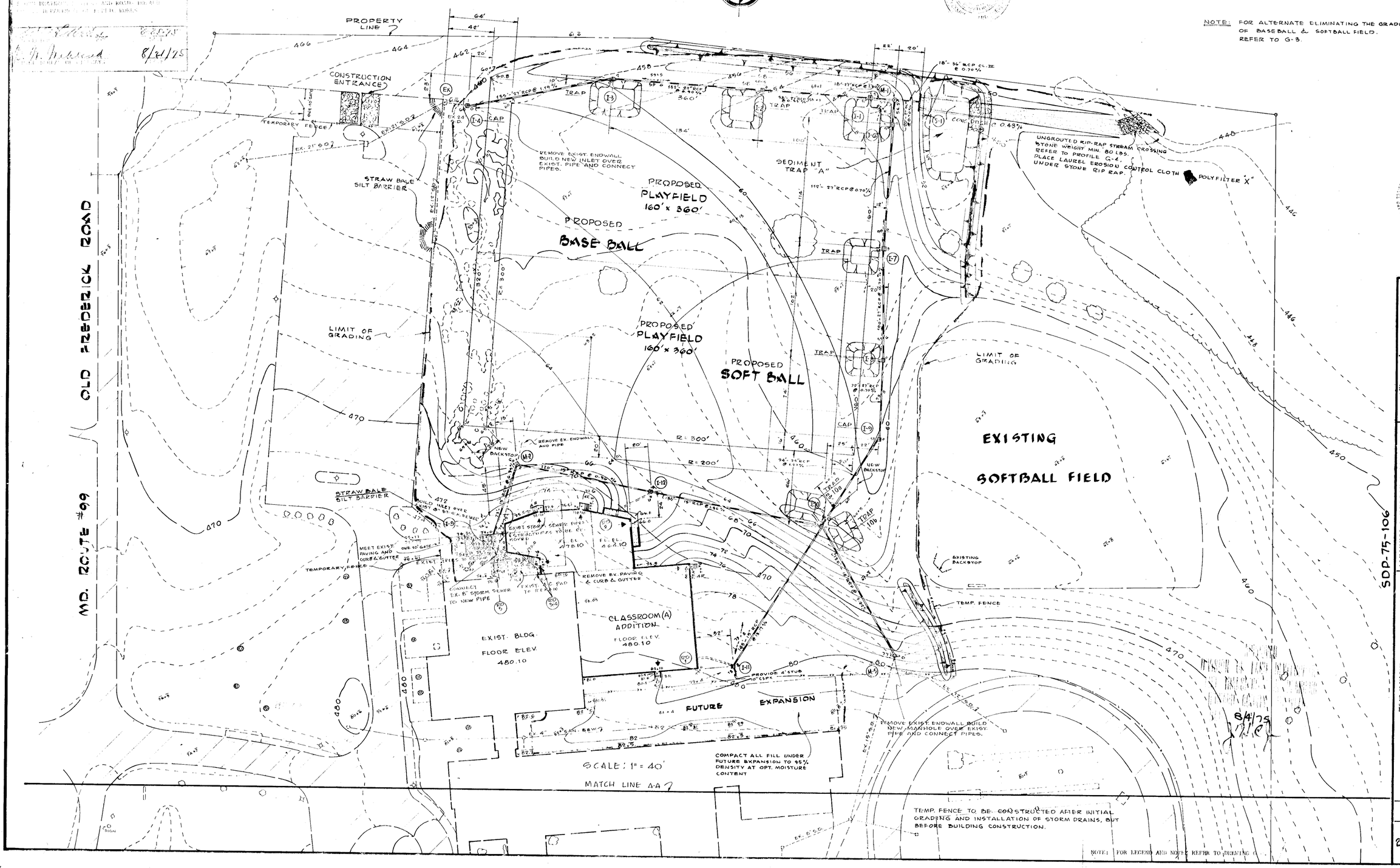
Eva Perzerska May 22, 1975

DEVELOPER'S CERTIFICATION

"I certify that all development and/or construction will be done according to this plan or development and plan for Erosion and Sediment Control and 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.

Donald J. Begeny 4/29/75

NOTE: FOR ALTERNATE ELIMINATING THE GRADING OF BASEBALL & SOFTBALL FIELD. REFER TO G-3.



SDP-75-106

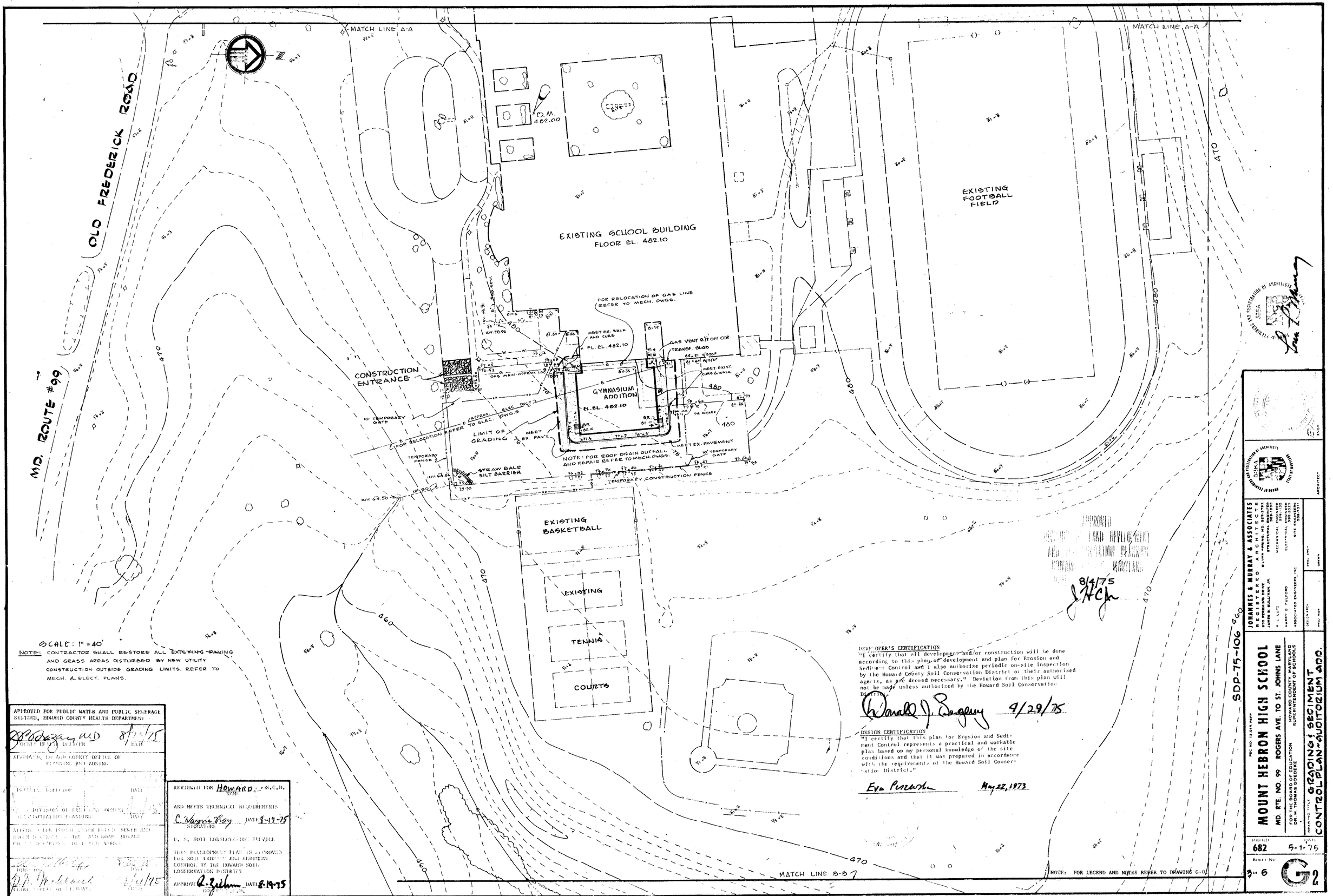
JOHANNES & MURRAY & ASSOCIATES
REGISTERED ARCHITECTS
855 FERSMAN DRIVE SILVER SPRING, MD 585-3792
JAMES R. MUSLIMAN, JR. STRUCTURAL ENGINEER
R. L. LUTZ MECHANICAL ENGINEER
MARK G. FULFORD ELECTRICAL ENGINEER
ASSOCIATED ENGINEERS INC. SITE ENGINEER

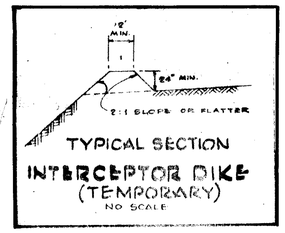
MOUNT HEBRON HIGH SCHOOL
MD. RTE. NO. 99 ROGERS AVE. TO ST. JOHN'S LANE
FOR THE BOARD OF EDUCATION DR. M. THOMAS GOEDEKE
HOWARD COUNTY MARYLAND SUPERINTENDENT OF SCHOOLS

DRAWING TITLE GRADING & SEDIMENT CONTROL PLAN - AUDITORIUM ADD.

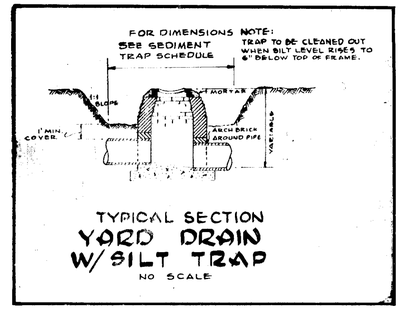
JOB NO. 682 DATE 5-1-75
SHEET NO. 2 of 6 G1

SDP-75-106

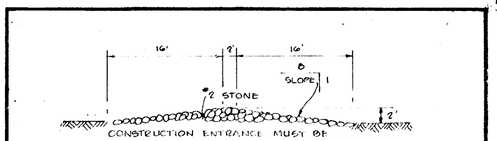

MATCH LINE A-A
MATCH LINE A-A
OLD FREDERICK ROAD
MD. ROUTE #99
EXISTING SCHOOL BUILDING
FLOOR EL. 482.10
EXISTING FOOTBALL FIELD
D.M. 482.00
FOR RELOCATION OF GAS LINE REFER TO MECH. DWGS.
MEET EX. WALK AND CURB
FL. EL. 482.10
GAS VENT 2'0 OFF COR.
TRANSF. SLAB
MEET EXIST. CURB & WALK
CONSTRUCTION ENTRANCE
GAS MAIN APPROX. LOC.
GYMNASIUM ADDITION
EL. EL. 482.10
OIL INTAKE
10' TEMPORARY GATE
APPROX. ELEC. DWGS.
TO ELEC. DWGS.
FOR RELOCATION REFER
LIMIT OF GRADING
MEET EX. PAVT.
NOTE: FOR ROOF DRAIN OUTFALL AND REPAIR REFER TO MECH. DWGS.
MEET EX. PAVEMENT
10' TEMPORARY GATE
TEMPORARY FENCE
STRAW BALE SILT BARRIER
TEMPORARY CONSTRUCTION FENCE
EXISTING BASKETBALL
EXISTING
TENNIS
COURTS
MATCH LINE B-B
NOTE: FOR LEGEND AND NOTES REFER TO DRAWING G-0
SCALE: 1" = 40'
NOTE: CONTRACTOR SHALL RESTORE ALL EXISTING PAVING AND GRASS AREAS DISTURBED BY NEW UTILITY CONSTRUCTION OUTSIDE GRADING LIMITS. REFER TO MECH. & ELECT. PLANS.
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.
Donald J. Bagley 4/29/75
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."
Eva Pszczolka May 22, 1973
8/4/75
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER
DATE
APPROVED, HOWARD COUNTY OFFICE OF PLANNING AND ZONING
DIRECTOR
DATE
DIVISION OF LAND DEVELOPMENT & COORDINATION PLANNING
DATE
APPROVED, THE PUBLIC WATER AND SEWER SYSTEMS AND THE PUBLIC SEWER AND ROAD IMPROVEMENTS OF THIS WORK
DIRECTOR
DATE
CHIEF, BUREAU OF ENGINEERING
DATE
REVIEWED FOR HOWARD COUNTY
AND MEETS TECHNICAL REQUIREMENTS
C. Vagner Ray
STEWARD
DATE 8-19-75
U. S. SOIL CONSERVATION SERVICE
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
APPROVED
BOARD CHAIRMAN
DATE 8-19-75
SDP-75-106
JOHANNES & MURRAY & ASSOCIATES
REGISTERED ARCHITECTS
8110 PERSHING DRIVE SILVER SPRING MD 589-3792
JAMES B. SULLIVAN, JR. STRUCTURAL ENGINEER
R. L. LUTZ MECHANICAL ENGINEER
HARRY G. FULFORD ELECTRICAL ENGINEER
ASSOCIATED ENGINEERS, INC. SITE ENGINEERS 889-7311
ARCHITECT
PROJ. ARCH.
DRAWN
PROJ. MGR.
DES. ENGR.
PROJECT NO. 13-070-PARP
MOUNT HEBRON HIGH SCHOOL
MD. RTE. NO. 99 ROGERS AVE. TO ST. JOHNS LANE
FOR THE BOARD OF EDUCATION OF HOWARD COUNTY, MARYLAND
HOWARD COUNTY MARYLAND ENVIRONMENT OF SCHOOLS
DRAWING TITLE GRADING & SEDIMENT CONTROL PLAN-AUDITORIUM ADD.
FOLDER 682
DATE 5-1-75
SHEET NO. 3 OF 6
G2
SDP-75-106



TYPICAL SECTION
INTERCEPTOR DIKE (TEMPORARY)
NO SCALE

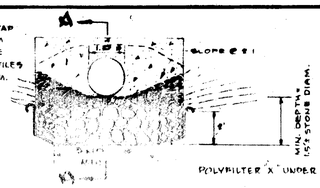


TYPICAL SECTION
YARD DRAIN W/SILT TRAP
NO SCALE

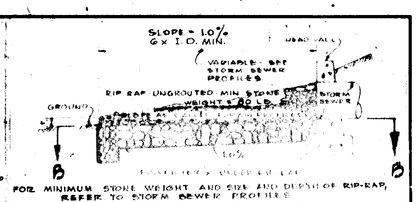


CONSTRUCTION ENTRANCE MUST BE MAINTAINED IN GOOD CONDITION AT ALL TIMES
CONSTRUCTION ENTRANCE PROFILE
SCALE: 1" = 10'

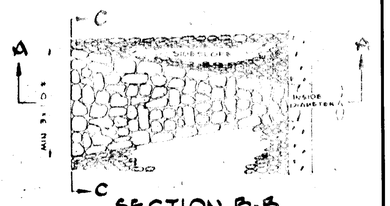
NOTE: DEPTH OF RIP-RAP TO BE MINIMUM 1.5 x MIN. STONE DIAM. SEE PROFILES FOR STONE DIAM.



SECTION C-C
TYPICAL



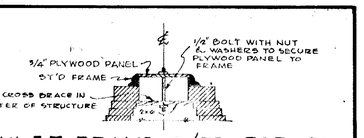
FOR MINIMUM STONE WEIGHT AND SIZE AND DEPTH OF RIP-RAP, REFER TO STORM SEWER PROFILE
SECTION A-A



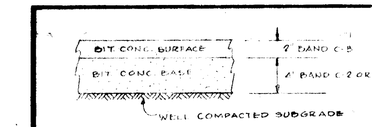
SECTION B-B

UNGROUTED RIP-RAP DETAIL
NOT TO SCALE

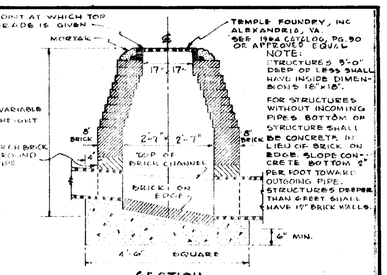
ALTERNATE GRADING



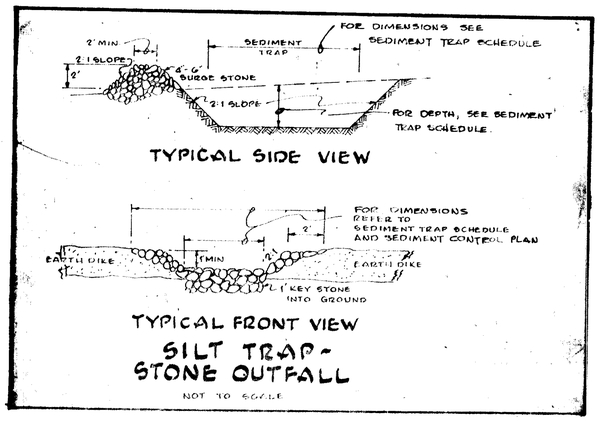
INLET FRAME W/TEMPORARY PLYWOOD TOP FOR SEDIMENT CONTROL



TYPICAL PAVEMENT SECTION
SCALE: 1" = 10'



SECTION
TYPICAL YARD DRAIN
NO SCALE

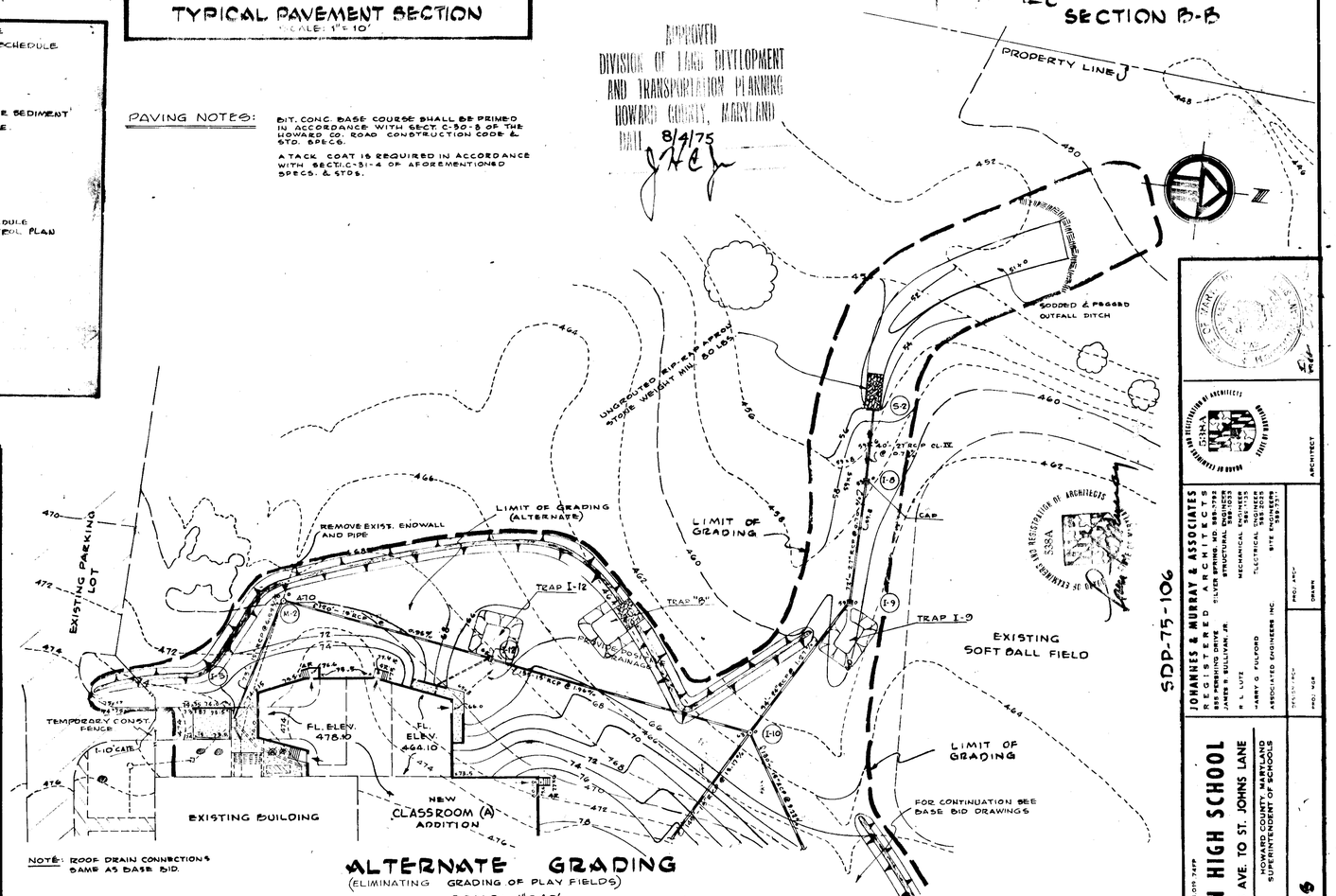


TYPICAL SIDE VIEW
TYPICAL FRONT VIEW
SILT TRAP - STONE OUTFALL
NOT TO SCALE

PAVING NOTES: BIT. CONC. BASE COURSE SHALL BE PRIMED IN ACCORDANCE WITH SECT. C-50-3 OF THE HOWARD CO. ROAD CONSTRUCTION CODE & STD. SPECS.

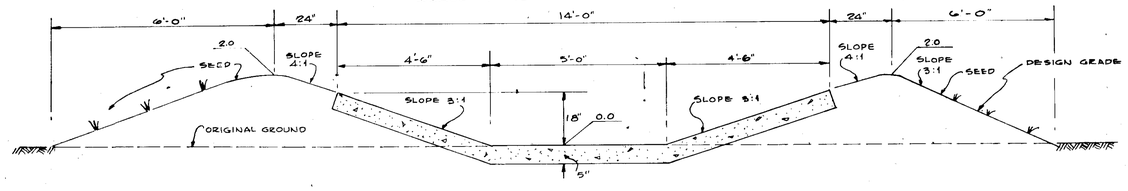
A TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-51-4 OF AFOREMENTIONED SPECS. & STDS.

APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 8/4/75

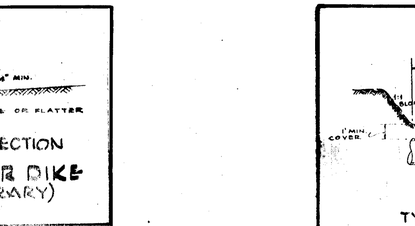


NOTE: ROOF DRAIN CONNECTIONS SAME AS BASE BID.

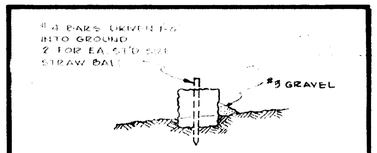
ALTERNATE GRADING
(ELIMINATING GRADING OF PLAY FIELDS)
SCALE: 1" = 40'



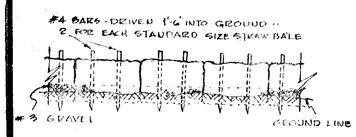
CONCRETE DITCH ~ BASE BID
TYPICAL SECTION
SCALE: 1/2" = 1'-0"



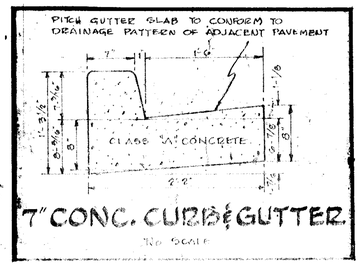
THIS SIDEWALK TO BE CONSTRUCTED IN ACCORDANCE WITH SECT. C-35 OF THE HOWARD CO. ROAD CONSTRUCTION CODE AND SPECIFICATIONS
CONCRETE SIDEWALK
NO SCALE



SECTION
ANCHORING OF STRAW BALES AT SILT BARRIER
NO SCALE



ELEVATION
ANCHORING OF STRAW BALES AT SILT BARRIER
NOT TO SCALE



7" CONC. CURB & GUTTER
NO SCALE

REVIEWED FOR HOWARD S.C.D.
AND MEETS TECHNICAL REQUIREMENTS
C. Wayne Roy DATE 8-19-75
U. S. SOIL CONSERVATION SERVICE
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
APPROVED R. Zellman DATE 8-19-75
HOWARD S.C.D.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
HOWARD COUNTY HEALTH DEPARTMENT
8/26/75
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
DIRECTOR DATE
DIVISION OF LAND DEVELOPMENT
CHIEF, DIVISION OF PLANNING DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE
SYSTEMS IN ACCORDANCE WITH PLANS
CHIEF, BUREAU OF ENGINEERING
8/21/75

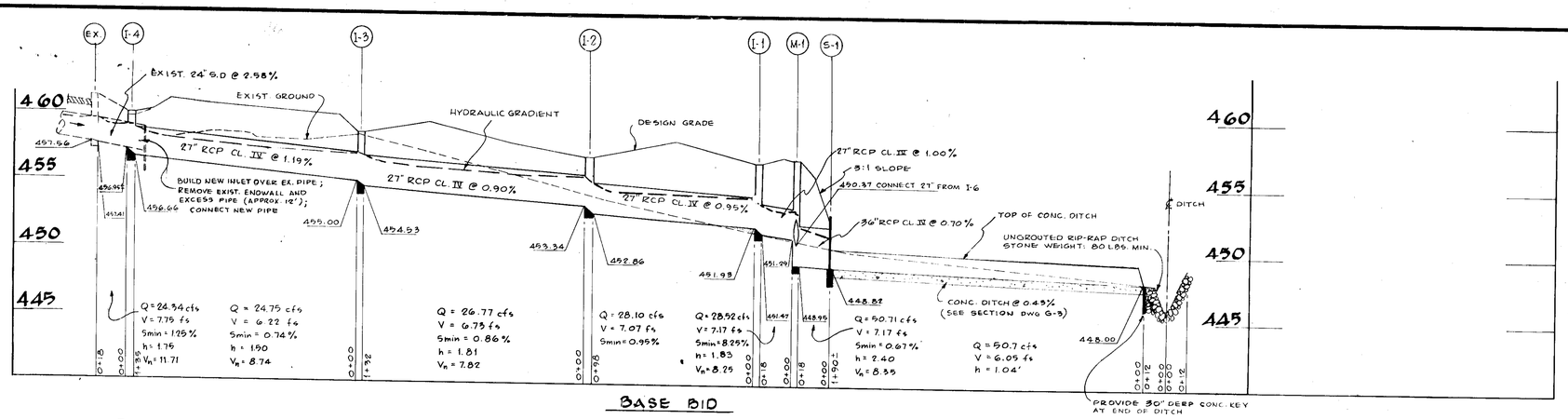
JOHANNES & MURRAY & ASSOCIATES
REGISTERED ARCHITECTS
885 PERSHING DRIVE, SILVER SPRING, MD. 589-7744
JAMES R. SULLIVAN, JR. — STRUCTURAL ENGINEERS 589-1033
R. L. LUTZ — MECHANICAL ENGINEERS
HARRY G. FULFORD — ELECTRICAL ENGINEERS
ASSOCIATED ENGINEERS INC. — SITE ENGINEERS 593-7777
REGISTERED ARCHITECT STATE OF MARYLAND
PROJ. ARCH.
DRAWN
CHECKED
PROJ. MGR.

PRC NO. 13.015.74FP

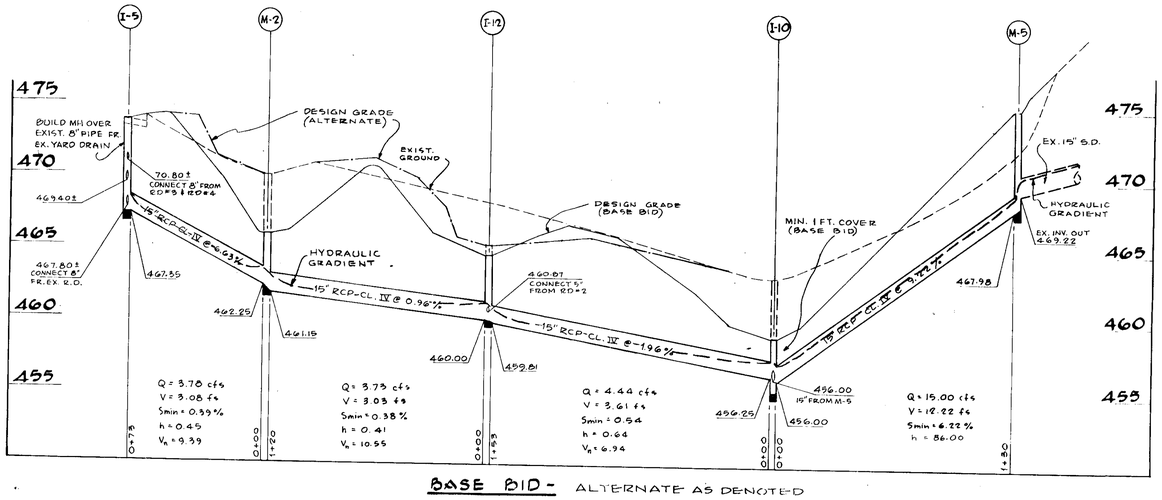
MOUNT HEBRON HIGH SCHOOL
MD. RTE. NO. 99 ROGERS AVE. TO ST. JOHNS LANE
FOR THE BOARD OF EDUCATION DR. M. THOMAS GOEDERE
HOWARD COUNTY, MARYLAND SUPERINTENDENT OF SCHOOLS
DRAWING TITLE **DETAILS**

JOB NO. 682 DATE 5-1-75
SHEET NO. 4 OF 6 **G3**

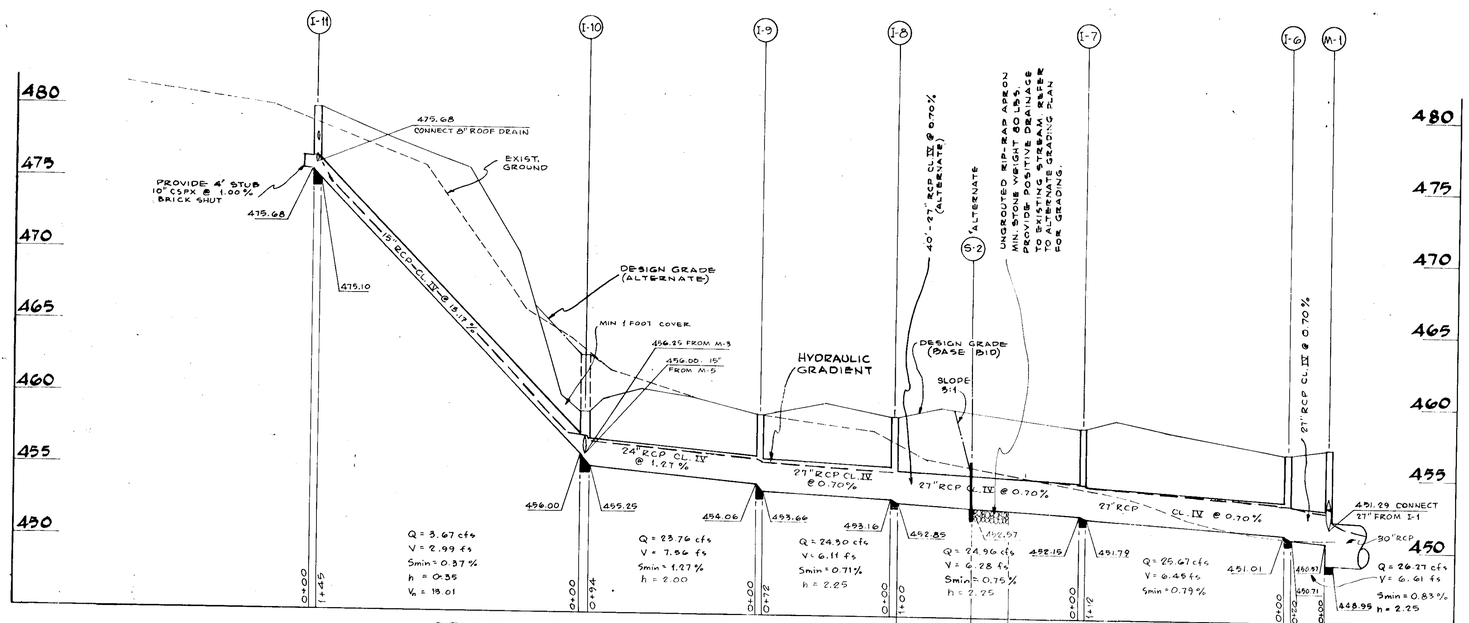
SDP-75-106



BASE BID



BASE BID - ALTERNATE AS DENOTED



STORM SEWER PROFILES

SCALE: HORIZ. = 1" = 40'; VERT. 1" = 5'

Reviewed for HOWARD S.C.D.
Name
and meets Technical Requirements
C. Wayne Ray Date 8-19-75
Signature
U. S. Soil Conservation Service
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
Approved [signature] Date 8-19-75
Engineer S.C.D.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 8/26/75
APPROVED, HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR — DATE
CHIEF DIVISION OF LAND DEVELOPMENT TRANSPORTATION PLANNING — DATE
APPROVED FOR PUBLIC WATER PUBLIC SEWER AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 8-21-75
CHIEF BUREAU OF HIGHWAYS — DATE 8/21/75

LEGEND:

RCP = REINFORCED CONCRETE PIPE
CSPX = CONCRETE SEWER PIPE EXTRA STRENGTH
EXISTING GROUND
DESIGN GRADE (ALTERNATE)
DESIGN GRADE (BASE BID)

STRUCTURE TABLE - BASE BID

NO.	TYPE	TOP ELEV.	INVERT OUT	REMARKS
I-1	YARD DRAIN	456.70	451.47	AS DETAILED
I-2	YARD DRAIN	457.00	452.86	AS DETAILED
I-3	YARD DRAIN	458.70	454.53	AS DETAILED
I-4	YARD DRAIN	460.00	456.66	AS DETAILED
I-5	A-1 INLET	473.80	467.35	HOWARD CO. D.P.W. STD SDD-29
I-6	YARD DRAIN	456.70	450.71	AS DETAILED
I-7	YARD DRAIN	458.30	[illegible]1.79	AS DETAILED
I-8	YARD DRAIN	459.00	452.85	AS DETAILED
I-9	YARD DRAIN	459.00	453.66	AS DETAILED
I-10	YARD DRAIN	459.00	455.25	AS DETAILED
I-11	YARD INLET	478.80	475.10	HOWARD CO. D.P.W. STD SDD-49
I-12	YARD INLET	465.30	459.81	HOWARD CO. D.P.W. STD SDD-49
M-1	A-1 MANHOLE	457.00	448.95	HOWARD CO. D.P.W. STD SDD-7
M-2	B- MANHOLE	465.20	461.15	HOWARD CO. DPW STD. SDD-9
M-5	A-1 MANHOLE	477.00*	467.98	HOWARD CO. D.P.W. STD SDD-7
S-1	C - ENDWALL	–	448.82	MSHA STD MD-354-01**

* ADJUST TO SLOPE TOP OF MANHOLE WITH CONCRETE OR BRICK COLLAR.

** WITH CONCRETE OUTFALL DITCH, REFER TO TYPICAL SECTION DRAWING G-3.

STRUCTURE TABLE - ALTERNATE

NO.	TYPE	TOP ELEV.	INVERT OUT	REMARKS
I-5	A-1 INLET	473.80	467.35	HOWARD CO. D.P.W. STD SDD-29
I-8	YARD DRAIN	459.00	452.85	AS DETAILED
I-9	YARD DRAIN	459.00	453.66	AS DETAILED
I-10	YARD DRAIN	463.[illegible]	455.25	AS DETAILED
I-11	YARD INLET	478.80	475.10	HOWARD CO. D.P.W. STD SDD-49
I-12	YARD INLET	465.30	459.81	HOWARD CO. D.P.W. STD SDD-49
M-2	A-1 MANHOLE	470.00	461.15	HOWARD CO. D.P.W. STD SDD-7
M-5	A-1 MANHOLE	477.00*	467.98	HOWARD CO. D.P.W. STD SDD-7
S-2	C - ENDWALL	–	455.37	MSHA STD MD 354-01×

* ADJUST TO SLOPE TOP OF MANHOLE WITH CONCRETE OR BRICK COLLAR.
× WITH UNGROUTED RIP-RAP APRON. REFER TO DETAIL DWG G-3

NOTE: PIPES AND CONC. DITCHES LAID IN FILL SHALL HAVE FILL COMPACTED TO 95% DENSITY AT OPTIMUM MOISTURE CONTENT.

SDP-75-106

JOHANNES & MURRAY & ASSOCIATES
REGISTERED ARCHITECTS
855 BERRYING DRIVE, SILVER SPRING, MD 20910-1792
JAMES B. SULLIVAN, JR. — STRUCTURAL ENGINEER
R. L. LUTZ — MECHANICAL ENGINEER
HARRY G. FULFORD — ELECTRICAL ENGINEER
ASSOCIATED ENGINEERS, INC.

MOUNT HEBRON HIGH SCHOOL
MD. RTE. NO. 99 ROGERS AVE. TO ST. JOHNS LANE
FOR THE BOARD OF EDUCATION OF M. THOMAS GOEDEKE
HOWARD COUNTY, MARYLAND
SUPERINTENDENT OF SCHOOLS

DRAWING TITLE: STORM SEWER PROFILES

JOB NO. 682 — DATE 5-1-75
SHEET NO. 5 OF 6 — G4

8/4/75

SDP-75-106

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

8/26/75
DATE

APPROVED, HOWARD COUNTY OFFICE OF PLANNING AND ZONING

8-22-75
DATE

DIRECTOR OF PLANNING AND ZONING

DIRECTOR OF LANDS AND DEVELOPMENT CONSERVATION PLANNING

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

8-25-75
DATE

8/21/75
DATE

REVIEWED FOR HOWARD S.C.D.

AND MEETS TECHNICAL REQUIREMENTS

C. Wayne Ray DATE 8-19-75
SIGNATURE

U. S. SOIL CONSERVATION SERVICE

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

APPROVED R. Zillman DATE 8-19-75
HOWARD S.C.D.

DESIGN CERTIFICATION

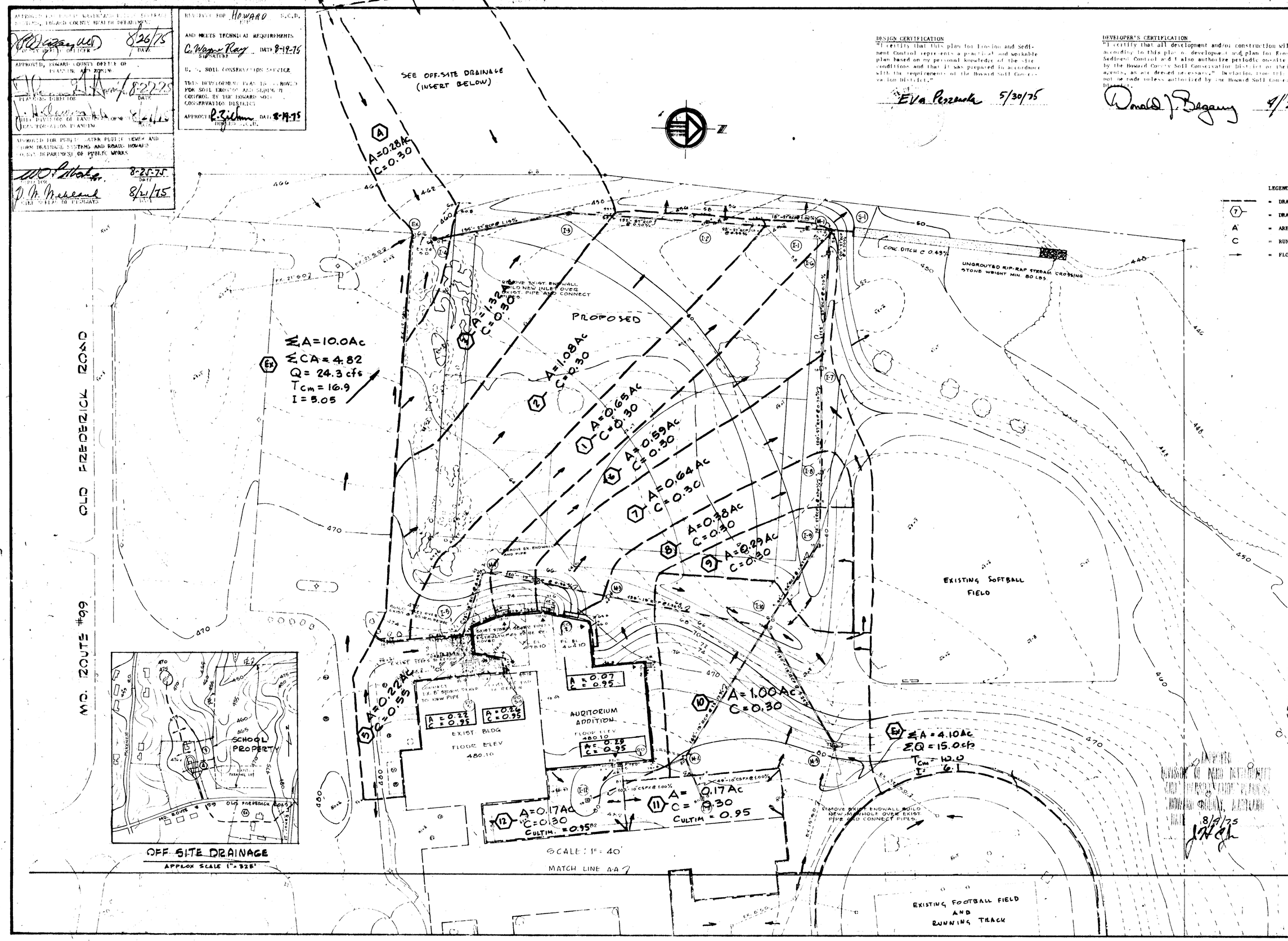
"I certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

Eva Pezzenka 5/30/75

DEVELOPER'S CERTIFICATION

"I certify that all development and/or construction will be done according to this plan or development 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.

Donald J. Bagamery 4/29/75



OFF SITE DRAINAGE

APPROX SCALE 1" = 328'

LEGEND

- DRAINAGE DIVIDE
- (7) = DRAINAGE AREA
- A = AREA IN ACRES
- C = RUNOFF COEFFICENT
- → = FLOW DIRECTION

JOHANNES & MURRAY & ASSOCIATES
REGISTERED ARCHITECTS
1909 Pennsylvania Drive, Silver Spring MD 589-3783
James B. Sullivan JR — Structural 589-1555
R. L. Lutz — Mechanical 589-1555
Harry C. Pulford — Electrical 589-1555
Associated Engineers Inc. — Site Engineers 589-5711

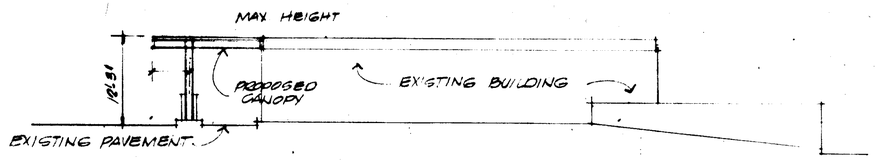
MOUNT HEBRON HIGH SCHOOL
MD. RTE. NO. 99 ROGERS AVE. TO ST. JOHNS LANE
FOR THE BOARD OF EDUCATION DR. M. THOMAS GOEDEKE
HOWARD COUNTY, MARYLAND SUPERINTENDENT OF SCHOOLS

DRAINAGE DIVIDES

682 — 5-1-75

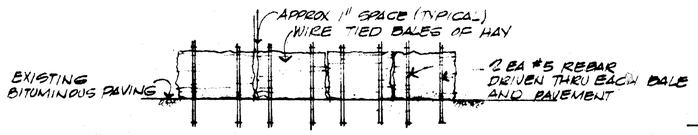
DD-1
6 of 6

SDP-75-106



SCHEMATIC PROFILE
NORTH ELEVATION

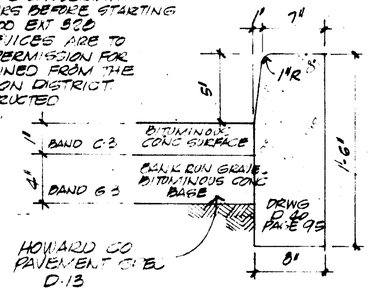
APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 6/24/75



DETAIL OF STAKED BALE SILT TRAP

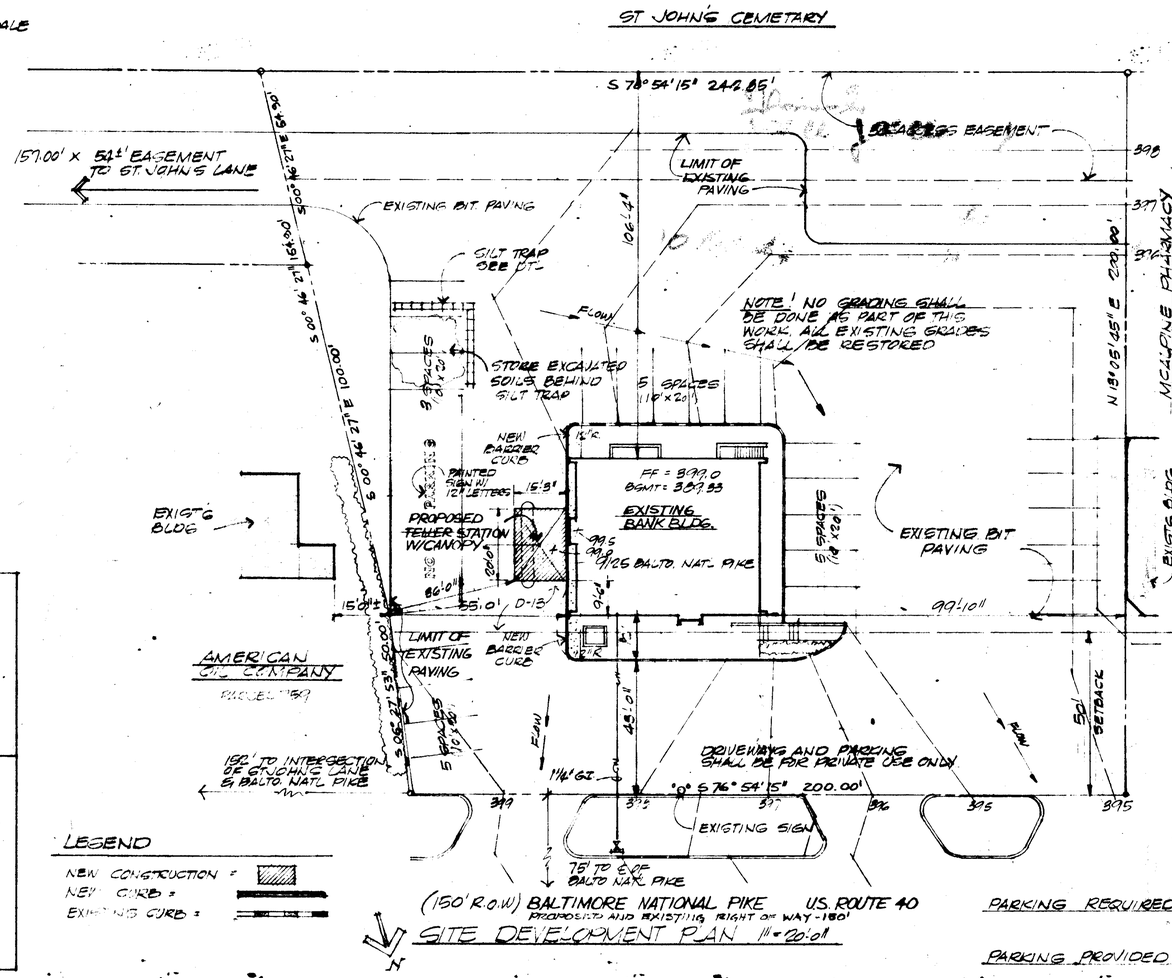
SEDIMENT CONTROL NOTES

1. NOTIFY THE HOWARD CO. SOIL CONSERVATION DISTRICT AT LEAST 24 HOURS BEFORE STARTING ANY WORK. PHONE 465-8000 EXT 328
2. ALL SEDIMENT CONTROL DEVICES ARE TO REMAIN IN PLACE UNTIL PERMISSION FOR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD SOIL CONSERVATION DISTRICT.
3. SILT TRAP SHALL BE CONSTRUCTED PRIOR TO ANY EXCAVATION.
4. ON SITE INSPECTION & MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER OR HIS REPRESENTATIVE.



NOTE:
BASE COARSE WILL BE PRIMED IN ACCORDANCE W/ HOWARD CO. ROAD CONSTRUCTION CODE AND STD SPECS SEE S-20-B. TACK COAT SHALL BE APPLIED AS REQUIRED BY THE HO CO ROAD CONSTRUCTION CODE & STD SPECS S-31-A

HOWARD COUNTY STD
BARRIER CURB
NO SCALE

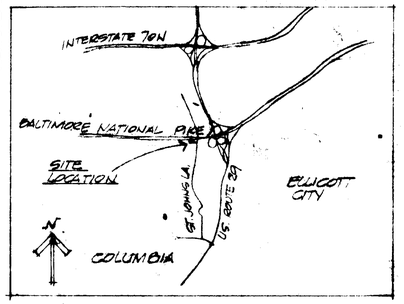


SITE DEVELOPMENT PLAN 1" = 20'-0"

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS - HOWARD COUNTY HEALTH DEPT.
COUNTY HEALTH OFFICER — DATE 7/28/75
APPROVED
PLANNING DIRECTOR — DATE 7-31-75
CHIEF, DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING — DATE 7/30/75
APPROVED FOR PUBLIC WATER, PUBLIC SANITARY SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS - HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 7-28-75
CHIEF BUREAU OF HIGHWAYS — DATE 7/22/75

REVIEWED FOR Howard S.C.D. AND MEETS TECHNICAL REQUIREMENTS
NAME
SIGNATURE — DATE 7/15/75
U.S. SOIL CONSERVATION SERVICES

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
APPROVED — DATE 7/15/75
HOWARD S.C.D.



VICINITY MAP 1" = 1 MILE

ARCHITECT

I CERTIFY THAT THE PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT

SIGNATURE — DATE 5/19/75

OWNER

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT

Stephen A Newburn
SIGNATURE — DATE 5/20/75

LEGEND
NEW CONSTRUCTION =
NEW CURB =
EXISTING CURB =

PARKING REQUIRED: 1000 SF PUBLIC = 10 CARS
TOO
8 EMPLOYEES = 4 CARS
2
14 CARS TOTAL

PARKING PROVIDED: 18 SPACES

SITE DATA:
AREA OF SITE: 68,807 SF (1.0 ACRES)
ZONING: B-2 (50' TO FRONT P/L, 0.0' TO REAR & SIDE P/L)
NO OF EMPLOYEES: 8
FLOOR AREAS: FIRST FLOOR = 2800 SF
BASEMENT = 2075 SF
TOTAL 4875 SF

PROJECT DESCRIPTION:
9/25 BALTIMORE NATIONAL PIKE
LIBER 836 FOLIO 510
ELECTION DISTRICT: 2
TAX MAP: PO-210-000
PARCEL 760 BLOCK 5, MAP 24

ARCHITECTURAL REGISTRATION BOARD — STATE OF MARYLAND

DRIVE-IN CANOPY ADDITION
ST JOHNS LANE BRANCH BANK
THE FIRST NATIONAL BANK OF MARYLAND
26 S. CHARLES ST BALTIMORE, MD 21202
THOMAS MUNROE NICHOLS AIA
1806 CUTTON AVE BALTIMORE MD 21227

JOB NO. 5-23
19 MAY 1975
sdp
SH. 1 of 1

TOPOGRAPHY WAS TAKEN FROM DRAWING A-1A DATED 6-17-59 REV 10-21-59 BY SMITH & VEALE, ARCHITECTS, BALTIMORE, MARYLAND, AND UP-DATED BY FIELD INSPECTION

THIS PROPERTY IS NOT IN THE 100 YR FLOOD PLAIN

SDP-75-105