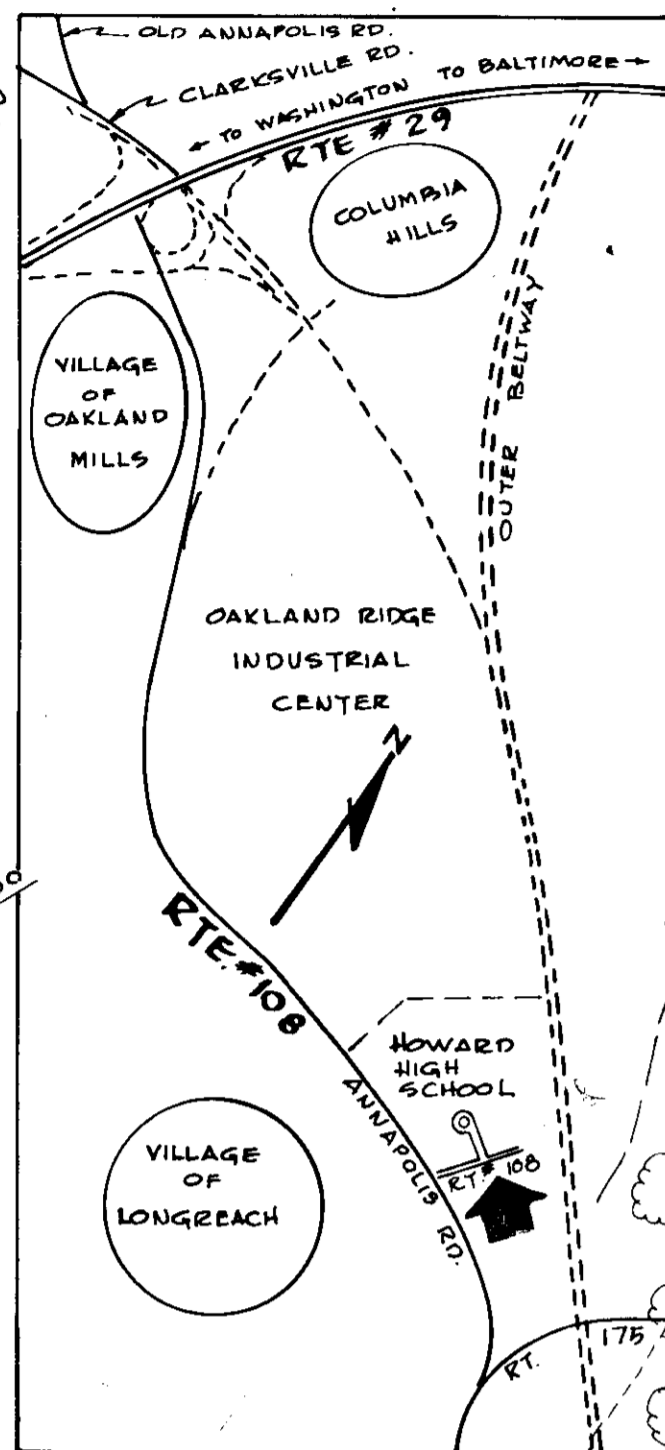
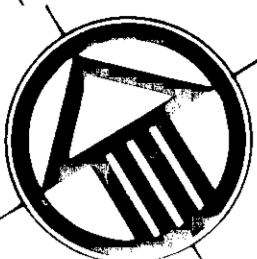
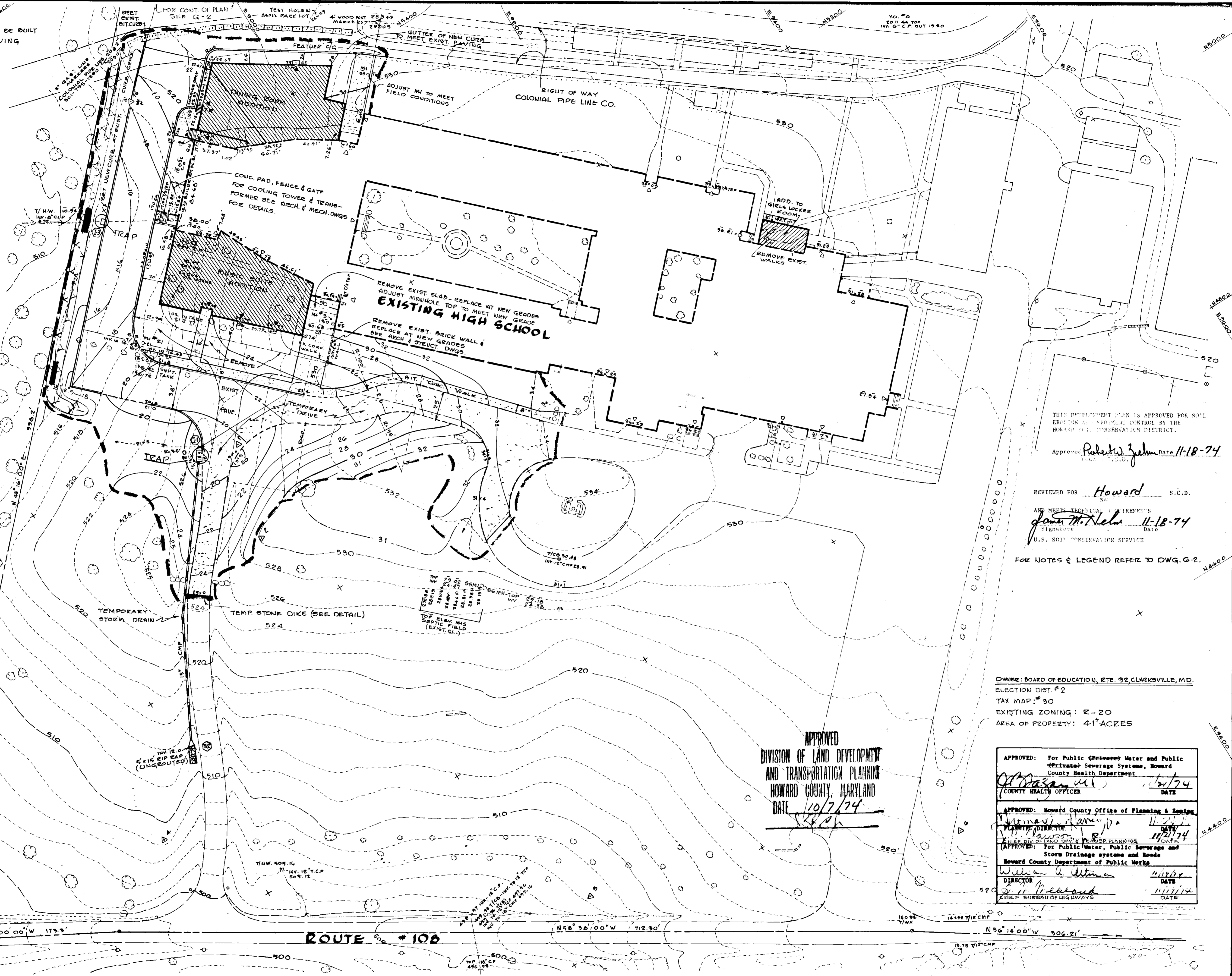


NOTE:
WHERE EXISTING PAVING IS WITHIN
6" OF DESIGN GRADE THE DIFFERENCE MAY BE BUILT
UP WITH BIT CONC., OTHERWISE EXIST. PAVING
SHALL BE REMOVED.



VICINITY MAP
SCALE: 1/4" = 1 MILE



SCALE: 1" = 40'

McLEOD FERRARA ENSIGN
CHARTERED ARCHITECTS
5454 WISCONSIN AVENUE, SUITE 1525
CHEVY CHASE, MARYLAND 20815
301 692-2775

ASSOCIATED ENGINEERS, INC.
SITE ENGINEERS
8555 SIXTEENTH STREET
SILVER SPRING, MARYLAND 20910
TEL. 301-589-7311

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 10/7/74

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL
EROSION AND SEDIMENT CONTROL BY THE
HOWARD COUNTY CONSERVATION DISTRICT.
Approved: Robert Zelnick, date 11-18-74

REVIEWED FOR: Howard S.C.D.
AND MEETS TECHNICAL REQUIREMENTS
Signature: James M. Helms, Date: 11-18-74
U.S. SOIL CONSERVATION SERVICE

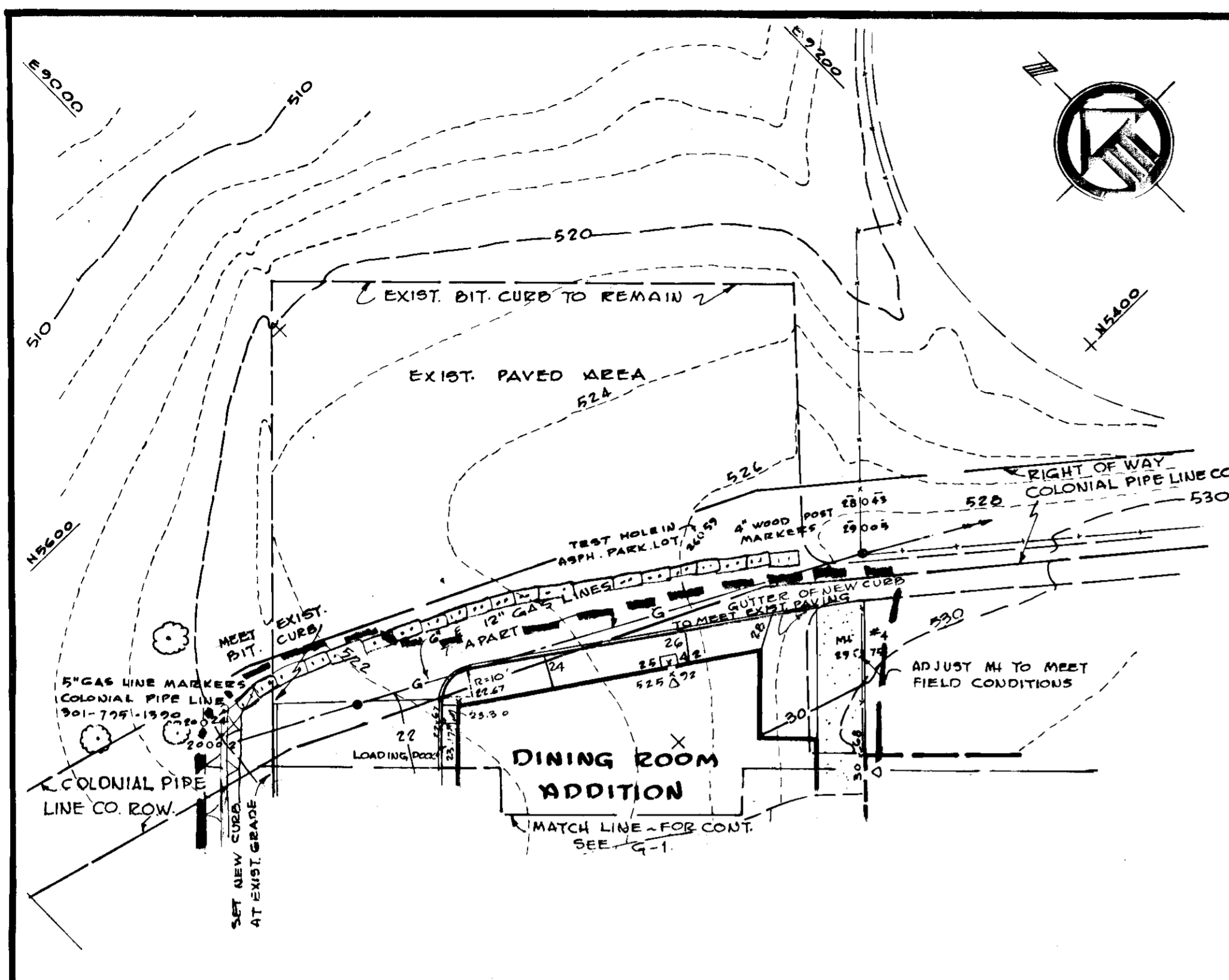
FOR NOTES & LEGEND REFER TO DWG. G-2.

OWNER: BOARD OF EDUCATION, RTE. 32, CLARKSVILLE, MD.
ELECTION DIST. #2
TAX MAP # 30
EXISTING ZONING: R-20
AREA OF PROPERTY: 41 ACRES

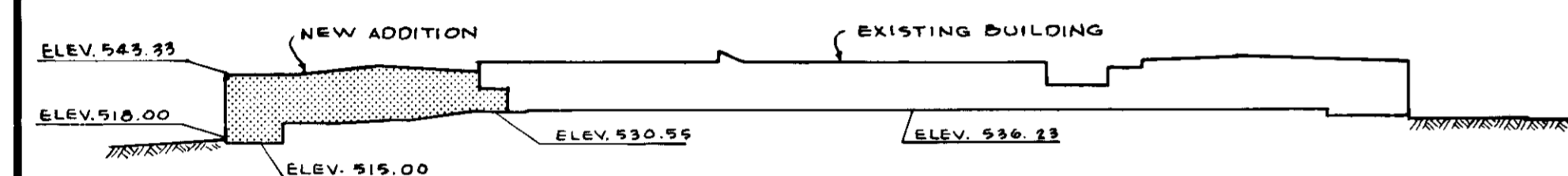
APPROVED: For Public (Private) Water and Public (Private) Sewerage Systems, Howard County Health Department	DATE: 11/21/74
APPROVED: Howard County Office of Planning & Zoning	DATE: 11/21/74
APPROVED: For Public Water, Public Sewerage and Storm Drainage systems and Roads	DATE: 11/21/74
APPROVED: Howard County Department of Public Works	DATE: 11/21/74
APPROVED: Chief Bureau of Highways	DATE: 11/21/74

PHASE I
REMODELING AND ADDITION TO
HOWARD HIGH SCHOOL
WITH SEDIMENT CONTROL
MARYLAND
HOWARD COUNTY,

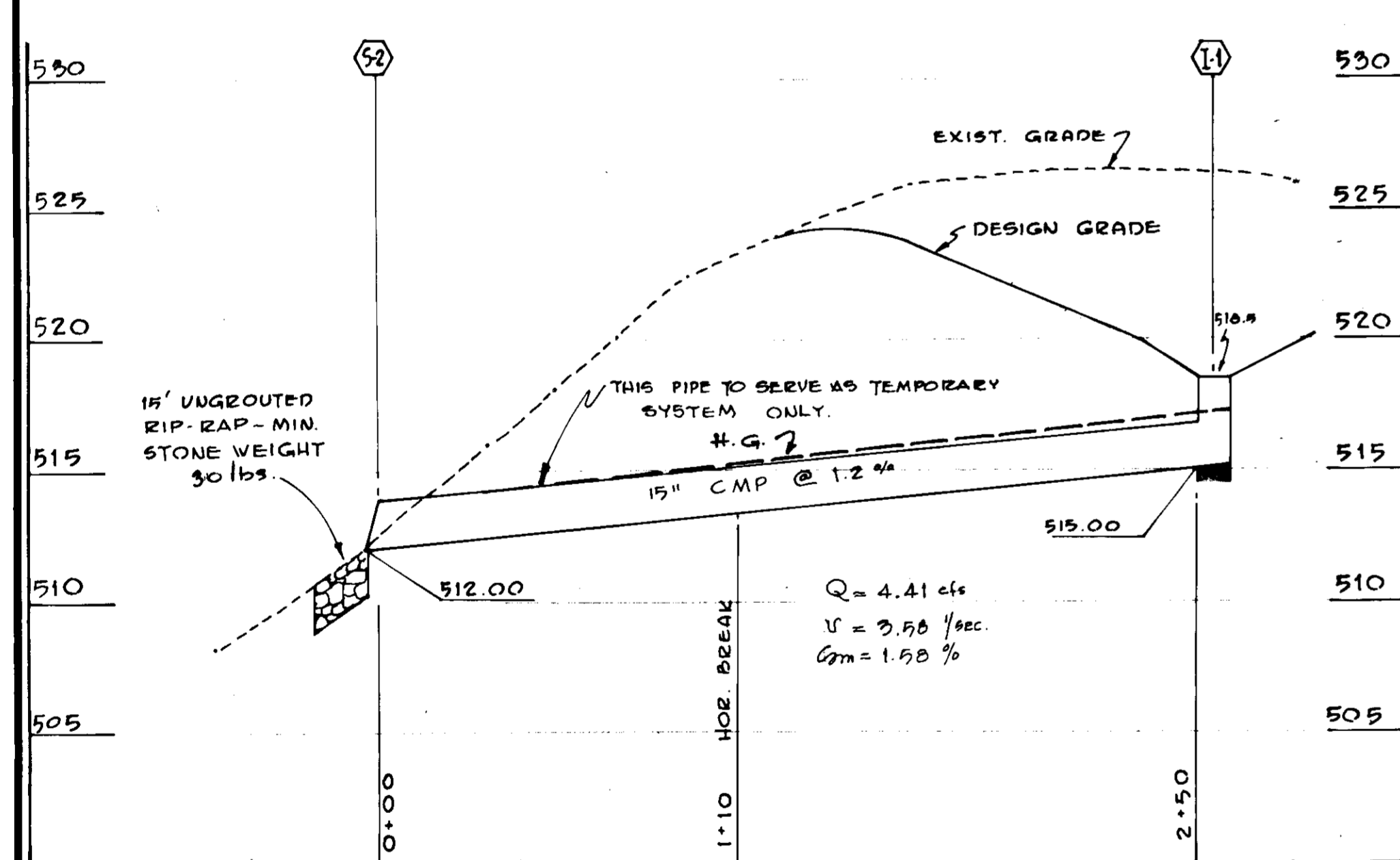
G-1



GRADING PLAN
SCALE: 1"=40'



FRONT VIEW

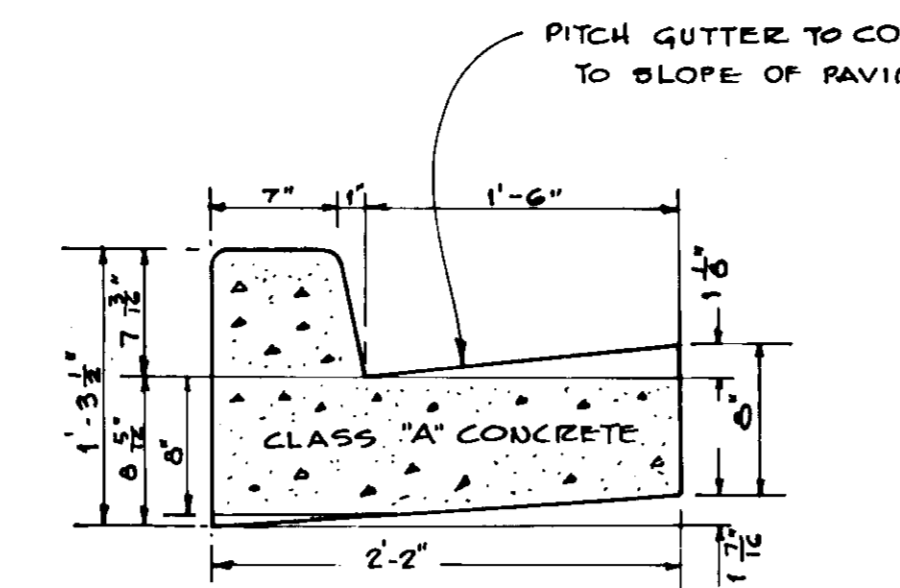


STORM DRAIN PROFILE
SCALE: 1"=40' H 1"=5' V

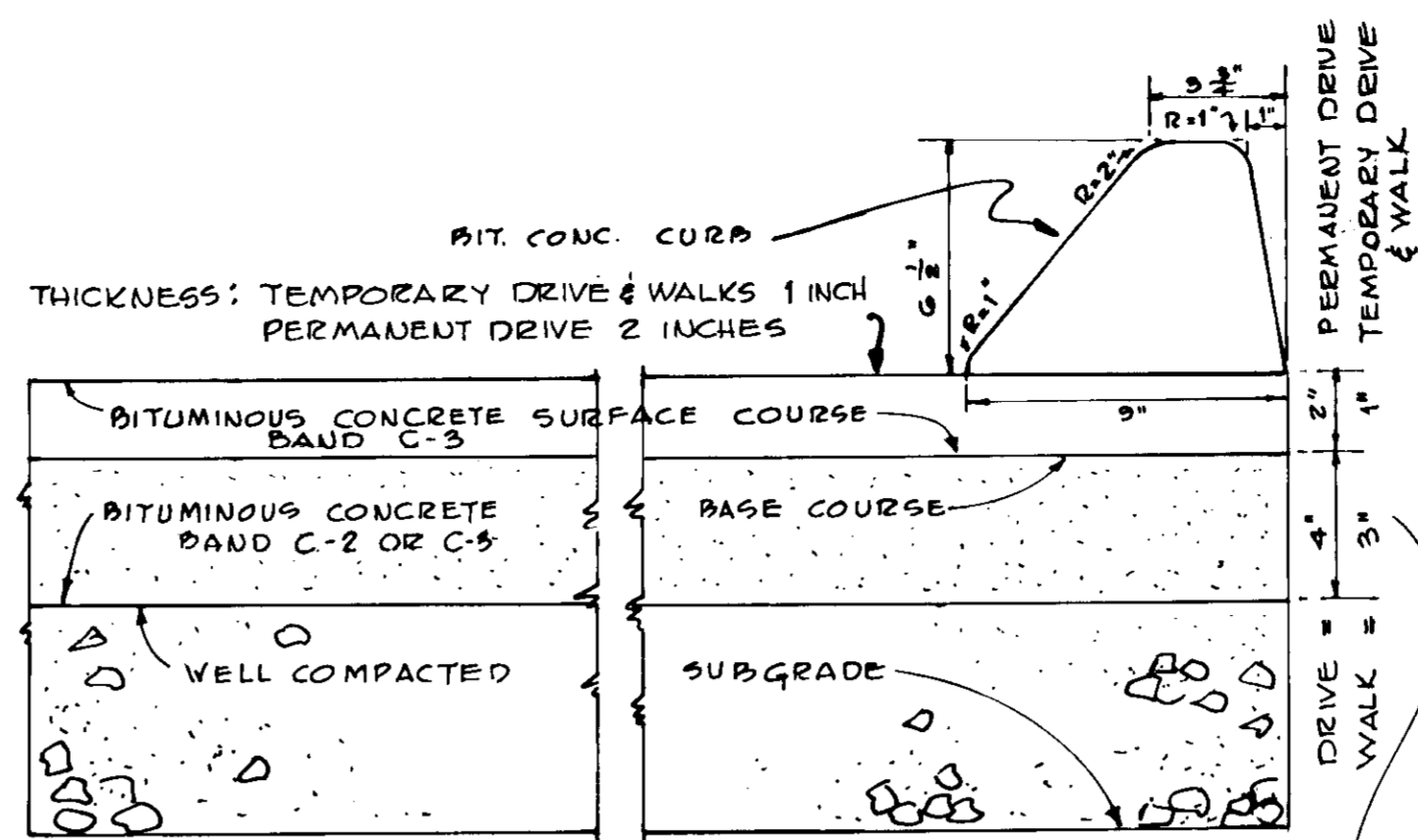
STRUCTURE TABLE

NR	TYPE	TOP ELEV.	REMARKS	INV. OUT.
I-1	D-1 INLET	518.5	HOWARD COUNTY STANDARD SDD-31	515.00
G-2	FLARED END RIP-RAP	~	15" UNGRADED RIP-RAP MIN STONE 30 LB WGT, STD MD - 370.01	512.00
I-3	A-1 INLET	513.5	HOWARD COUNTY STANDARD SDD-29	MEET FIELD COND.

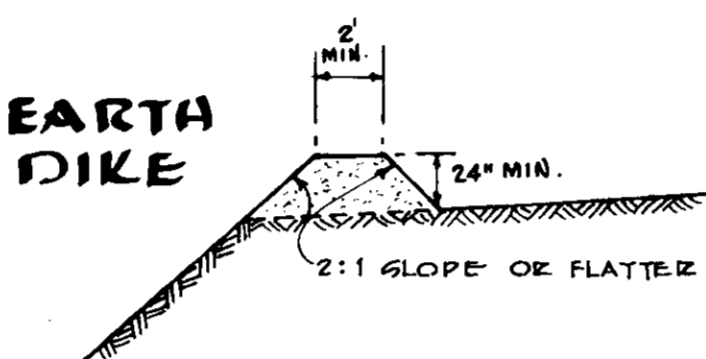
OWNER: BOARD OF EDUCATION, RTE. 92, CLARKSVILLE, MD.
ELECTION DIST. #2
TAX MAP #30
EXISTING ZONING: R-20
AREA OF PROPERTY: 41± ACRES



STANDARD 7" COMBINATION CURB & GUTTER

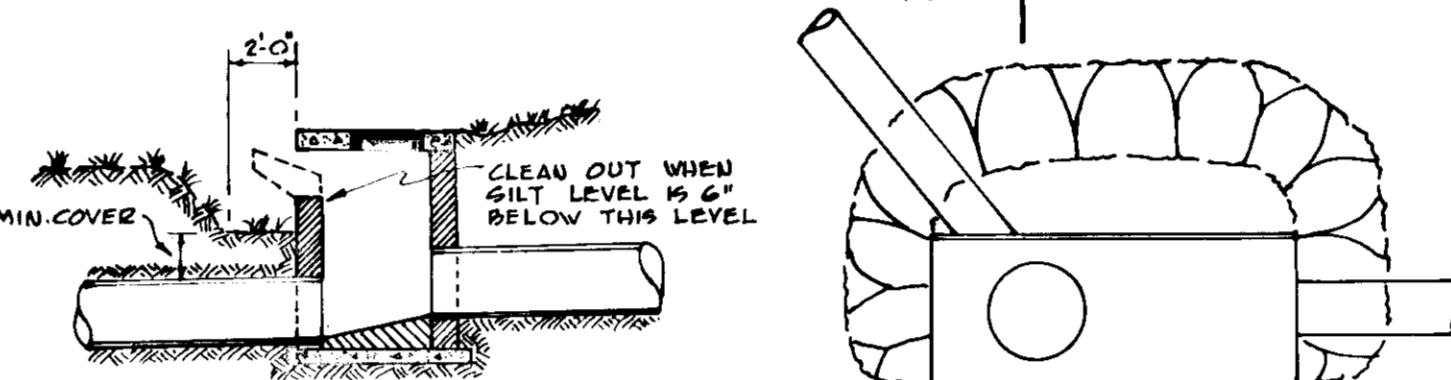


BITUMINOUS CONCRETE CURB & PAVING
(NOTE: THICKNESS FOR PERMANENT & TEMPORARY PAVING.)



TYPICAL SECTION INTERCEPTOR DIKE

(USE 2" STONE ON POLYFILTER "X" BLANKET FOR STONE FILTER)



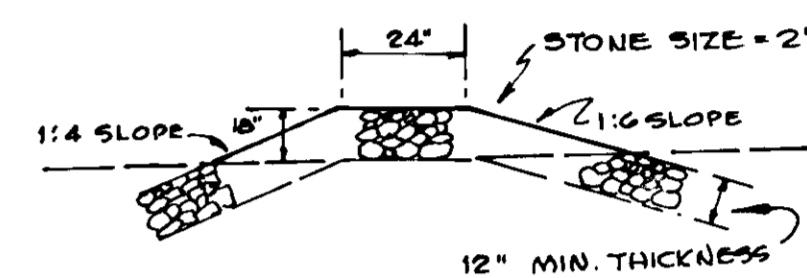
SECTION A-A PLAN
TEMPORARY SILT TRAP FOR CURB INLET
NO SCALE

PAVING NOTES

- All material and workmanship shall be in accordance with the applicable provisions of the Road Construction Code and Standard Specifications of Howard County.
- Base will be primed in accordance with Section C-30-3 as provided in the Howard County Road Construction Code and Standard Specifications.
- Tack coat is required in accordance with Section C-31-4 of the Howard County Road Construction Code and Standard Specifications.

#4 BARS - DRIVEN 1'-6" INTO GROUND - 2 FOR EA. STD SIZE STRAW BALE

ANCHORING OF STRAW BALES AT SILT BARRIER



TYPICAL SECTION
STONE INTERCEPTOR DIKE
(NO SCALE)

GENERAL NOTES

- Topography based on Aerial Survey by Photo Science Ground Control provided by Associated Engineers, Inc.
- Boundary Information based on available Deed Records.
- Existing utilities are based on available records and were field-checked where possible. Contractor must dig test pits by hand well in advance of trenching at all utility crossings and tie-in points in order to determine the exact location and invert of the pipes. If a conflict is anticipated, Architect shall be contacted immediately before trenching.
- For all new utilities other than Storm Drains refer to Mechanical Drawings.
- Refer to Architectural Drawings for Building Lay-Out Dimensions.
- All exposed portions of channels, frames and grates of Storm Drainage Structures are to receive 2 coats of an approved paint.
- Existing utilities other than Storm Drains are shown on Drawing P-1.
- Contractor shall provide all additional suitable fill material if required at no extra cost.

WORK SEQUENCE

- Install Straw Bales, Stone Dikes and Interceptor Dikes.
- Install new Storm Sewer - Structures #1 to #2, and trap inlet #3. In order to reduce erosion, the driveway shall be excavated and the bituminous concrete base course installed as soon as possible. Disturbed unpaved areas south of new drive shall be topsoiled, limed, fertilized and seeded immediately after grading. Contractor shall take necessary precaution to prohibit mud being tracked onto the public Right-Of-Way or private property.
- Start remaining excavation and begin building construction.
- After disturbed areas are stabilized, temporary Sediment Controls are to be removed.

DESIGN CERTIFICATE

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

[Signature] Date: Sept 9, 1974

SEDIMENTATION NOTES

- No temporary sedimentation measures are to be removed without permission by Soil Conservation District.
- Grading, topsoiling, seeding and mulching to meet all applicable requirements of the current Standard Specifications of the Road Construction Code of Howard County and the "Standards and Specifications for Soil Erosion and Sediment Control in Urbanized Areas".
- Seeding to be performed immediately after final grading.
- Topsoil depth shall be 4" compacted minimum.
- Howard County Soil Conservation District shall be notified at least 24 hours prior to the beginning of grading operations.
- Lime shall be spread at the rate of one ton per acre in lieu of the requirements given on page 3.700 of the aforesaid Standards and Specifications for Soil Erosion.
- Fertilizer 5-10-10 or equivalent shall be applied at the rate of 1700 lbs. per acre.
- Mixture for permanent seeding shall be 230 lbs. per acre of Kentucky #31 Tall Fescue and 20 lbs. per acre of annual Rye. Refer to grading plan for areas to be seeded.
- Immediately after seeding, these areas shall be uniformly mulched - refer to page 3.101 of above-mentioned Specs. - asphalt mulch tie-down is required. (Refer to page 3.102 of above-mentioned Specs.)
- Design Contours shown are finished grades. Allowances in grading shall be made for topsoil to be spread.
- All disturbed unpaved areas shall be topsoiled, limed, fertilized, seeded and mulched.
- All material and workmanship for storm drainage, grading and paving shall meet all applicable provisions of the Road Construction Code and Standard Specs. of Howard County and the Standards and Specifications of the Maryland State Highway Department.

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."

[Signature] HOWARD COUNTY SO. OF ED. DATE: 11/1/74

REVIEWED FOR Howard S.C.D. NAME
AND MEETS TECHNICAL REQUIREMENTS
[Signature] DATE: 11-18-74
U.S. SOIL CONSERVATION SERVICE

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE: 10/23/74
[Signature]

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

Approved: *[Signature]* Date: 11-18-74
Howard S.C.D.

Clearing and Grading Article C-1
Subgrade Article C-2
Base Course Article C-31 or C-33
Surface Article C-31

LEGEND

- Extent of Grading
- Stone Filter (Temp. See Detail)
- Earth Dike (Temp. See Detail)
- Straw Bales
- Existing Spot Grades 47.15
- Design Grades 2.87
- Existing Contours - - - - - 22
- Design Contours (add prefix of 5) - - - - - 22
- Concrete Curb/Gutter (as detailed)
- Bituminous Concrete Curb (as detailed)
- Existing Paving to remain
- New Bituminous Concrete Paving (2 1/4" Permanent) (1 1/4" Temporary)
- New 4" concrete Walks or Pads
- New Storm Drain Pipes and Structures
- New Addition

Where new Paving is shown thus: the existing paving shall be removed and be replaced with new paving of proper thickness at new design grades. Where grade differential is less than 6" new bituminous paving may be placed on existing paving.

MCLEOD FERRARA ENSIGN
REGISTERED PROFESSIONAL ARCHITECTS
2454 WISCONSIN AVENUE, SUITE 1525
CHEVY CHASE, MARYLAND 20815
501/642-2775

REMODELING AND ADDITION TO
HOWARD HIGH SCHOOL
HOWARD COUNTY, MARYLAND

G-2

ASSOCIATED ENGINEERS, INC.
SITE ENGINEERS
8555 SIXTEENTH STREET
SILVER SPRING, MARYLAND 20910
TEL. 301-588-7311