

APPROVAL SIGNATURE BLOCK FOR SITE DEVELOPMENT PLANS
(INDICATE TYPE OF WATER AND SEWERAGE SYSTEMS)

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] DATE 6/16/72

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DATE 6/16/72

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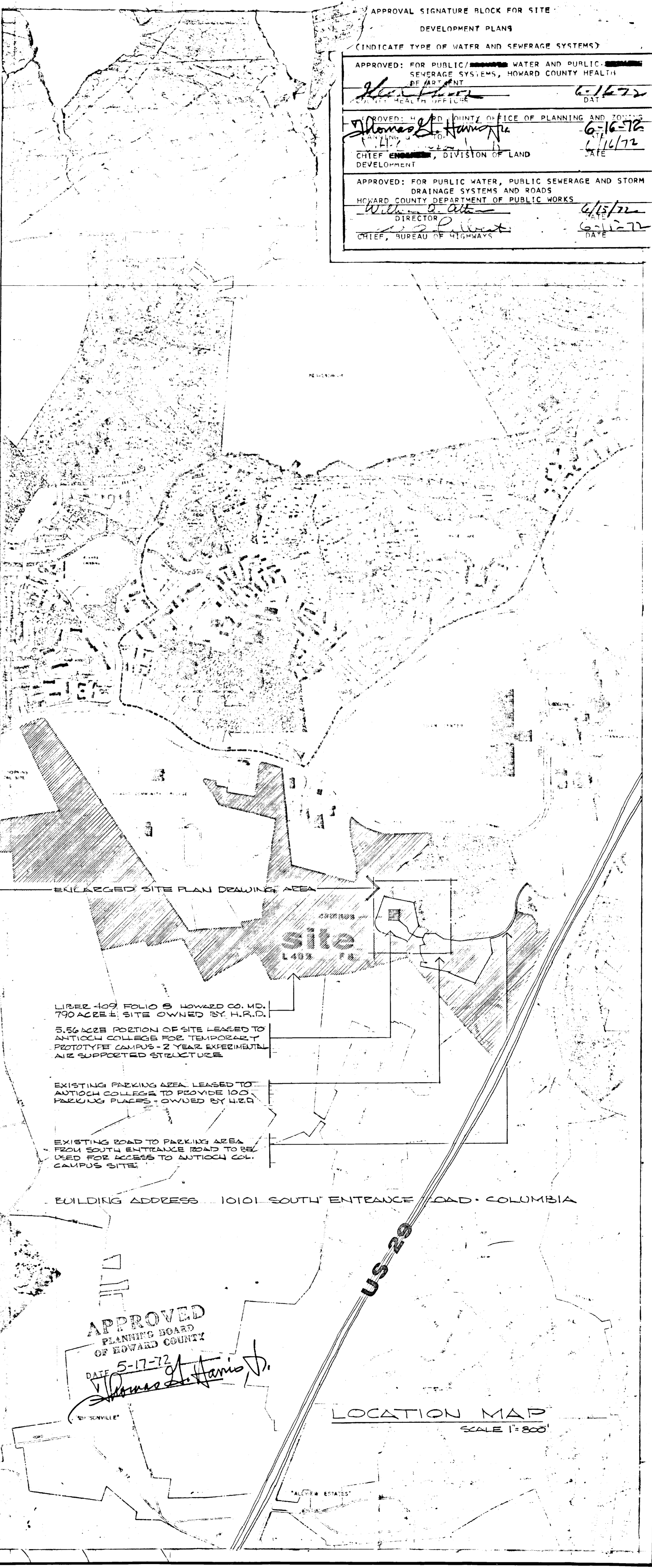
BUILDING NOTES
 THIS STRUCTURE HAS BEEN DESIGNED AS A TEMPORARY EXPERIMENTAL STRUCTURE TO BE LOCATED ON THIS SITE FOR TWO YEARS.
 THE PROPOSED OCCUPANCY OF THE STRUCTURE IS DURING PERIOD OF THE 10 FORTY YEARS INCLUDING STUDENTS, FACULTY AND STAFF.
 THE ENCLOSED USABLE FLOOR AREA OF THE BUILDING IS 14,974 SQ FEET, INCLUDING EXPERIMENTAL GREENHOUSE PLANTING AREA.

STORM DRAINAGE NOTES
 SITE STORM DRAINAGE ABSORPTION CAPACITY TO BE INCREASED WITH ADDITIONAL PLANT MATERIALS AND LOAM, ALL DRAINAGE TO REMAIN ON 5 1/2 ACRES TRACT.
 TOTAL ROOF AREA 32,400 SQ FT. THE PERIMETER AREA OF THE ROOF WITH 15,000 SQ FT AREA DRAINS TO THE FOUR SIDES OF THE STRUCTURE ON THE DOWNHILL SIDES OF THE ROOF. AT THE PERIMETER IS A WASHED GRAVEL BED WITH 4000 GALLON CAPACITY ALLOWING FOR EVEN DISPERSAL ALONG SIDES (S) OF THE BUILDING WITH BERMS, THE AREA OF THE SITE TO RECEIVE THE RUN-OFF FROM THE ROOF AND PERIMETER GRAVEL BED IS IN EXCESS OF 120,000.
 THE BALANCE OF THE STORM WATER FALLING ON THE STRUCTURE IS DRAINED TO THE FOUR INTERIOR 'THE DOWN' OR LOW POINTS OF THE ROOF. DIRECTLY BELOW EACH OF THESE LOW POINTS IS A 12" DRAIN WITH A 2000 GALLON CAPACITY. THE ROOF AREA DRAINING TO EACH DRAIN IS 1/2 3800 SQ FEET.
 THERE IS A 1" OVERFLOW DRAIN LEADING FROM EACH DRAIN WELL TO AN 8" COLLECTOR DRAIN THAT TAKES THE WATER TO THE EXISTING OUTFALL AREA WHICH HAS AN ADDITIONAL CAPACITY OF 2000 GALLONS.

THE DESIGN OF THIS BUILDING HAS BEEN BASED UPON ALLOWING THE WATER TO BE DISPERSED INTO THE SOIL WITH THE USE OF THE BUILDING TOOLS AS WELL AS THE BALANCE OF THE SITE IN AN EFFORT TO KEEP FROM THE IDENTIFYING THE SOILS AND REFLECTING THE NATURAL WATER TABLE.
 MAXIMUM AREA RAINFALL DATA USED - 10 INCH/HOUR FALL WITH 5 MIN DENSITY
 NO BUILDING STORM WATER RUNOFF SHOULD BE ABLE TO REACH THE STREAM DIRECTLY

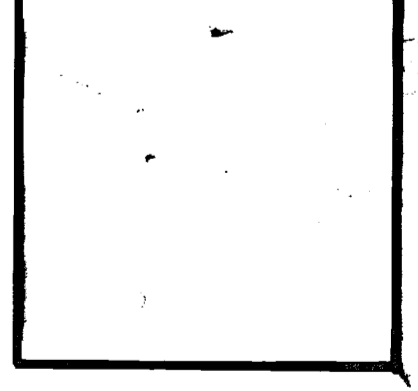
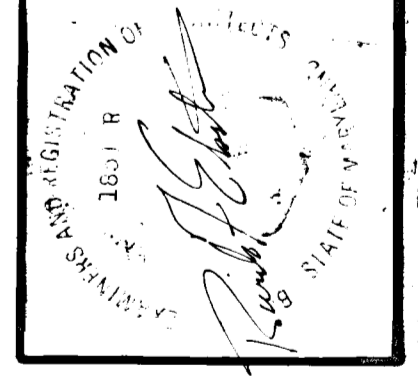
EXISTING PARKING
 EXISTING PARKING AREA PAVED. EXISTING MUSIC PAVILION SPACE TO PARK 10 CARS PROVIDED FOR ANTIOCH COLLEGE BY LEASE WITH H.I.C.D. COLLEGE PARKING MUST PAY FOR THE USE OF THIS AREA DURING PERFORMANCES AT THE PAVILION. COLLEGE PARKING AT THESE TIMES SHOULD NOT BE MORE THAN 5 CARS.

SITE PLAN
 SCALE 1"=50'

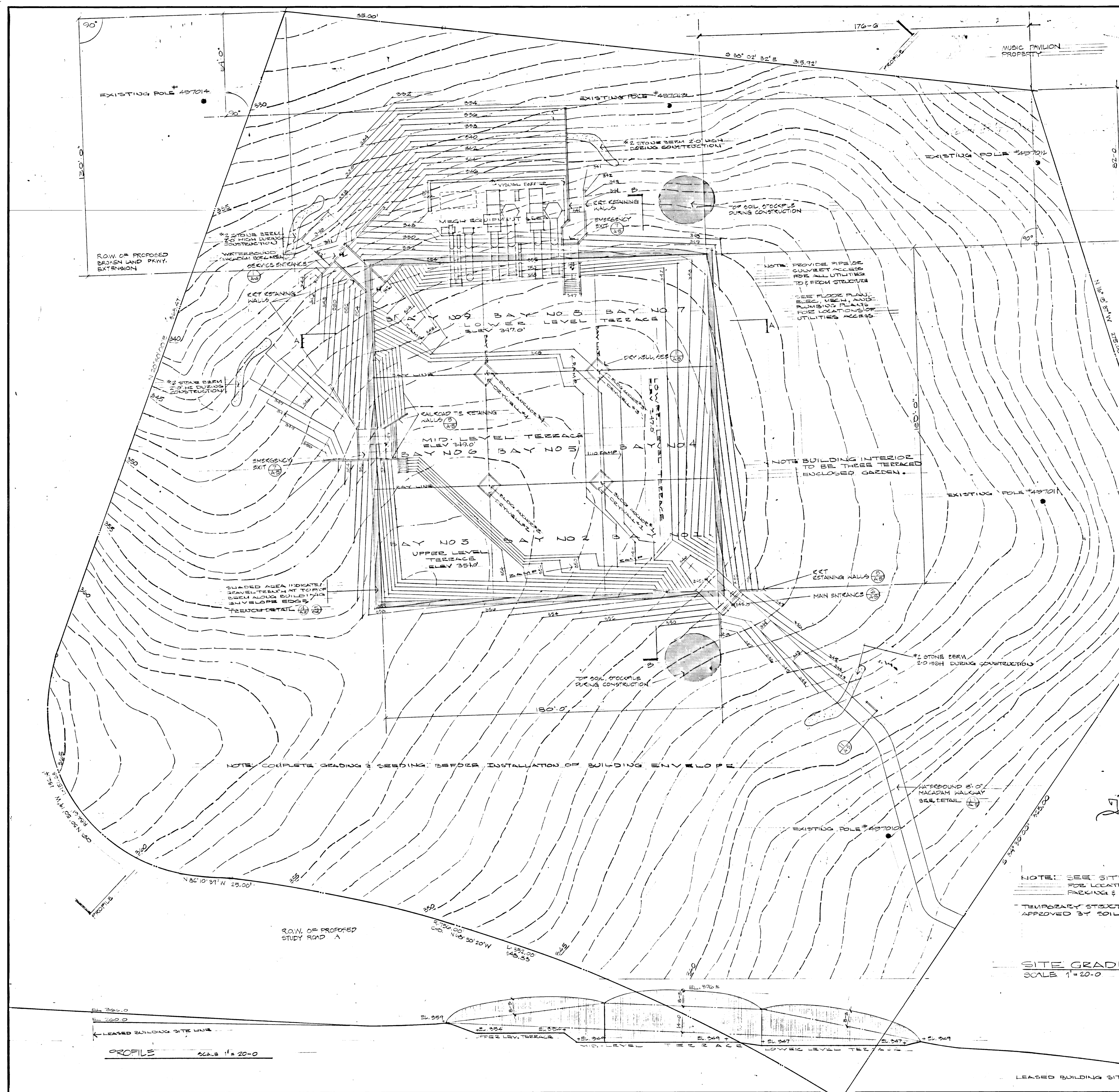


SITE PLAN
 AIR SUPPORTED CAMPUS STRUCTURE FOR ANTIOCH COLLEGE - COLUMBIA, MARYLAND
 ARCHITECT - RUIK EKSTROM A.L.A. 10351 BARCAN CIRCLE - COLUMBIA, MARYLAND
 MECHANICAL ENGINEERS - D.C. CARTER ASSOC. 1010 FIDLER LANE - SILVER SPRING, MD.
 DESIGN CONSULTANTS - RESEARCH & DESIGN INSTITUTE - BOX 307 PROVIDENCE, R.I.

**ANTIOCH COLLEGE
 EXPERIMENTAL
 CAMPUS**



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SOIL CONSERVATION NOTES:
 ON ALL SLOPES AND DISTURBED AREAS TREAT ACCORDING TO THE FOLLOWING:
 1. SEED MIX - 100 LBS. KENTUCKY 31 TALL FESCUE (PER ACRE)
 2. 20 LBS. ANNUAL RYE
 3. FERTILIZER 1000 LBS. / ACRE (10-10-10)
 4. STRAW MULCH 3000 LBS. / ACRE
 CUT IN W/ STRAIGHT DISH OR MULCH ANCHORING TOOL

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 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] DATE: 6/16/72
 COUNTY HEALTH OFFICER
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
[Signature] DATE: 6/16/72
 CITY ENGINEER, DIVISION OF LAND DEVELOPMENT
 APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DATE: 6/17/72
 DIRECTOR
 CHIEF, BUREAU OF HIGHWAYS
 DEVELOPER'S CERTIFICATION:
 I CERTIFY THAT THIS SITE WILL BE DEVELOPED IN ACCORDANCE WITH THIS PLAN FOR EROSION AND SEDIMENT CONTROL.
[Signature] DATE: 5-17-72
 DEVELOPER

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL PROTECTION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT
 Review: *[Signature]* Date: 5/11/72
 District Conservationist
 Approve: *[Signature]* Date: 5/11/72
 Howard County

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE: 5-17-72
[Signature]

NOTE: SEE SITE PLAN & LOCATION MAP FOR LOCATION, ACCESS, LEGAL DESCRIPTION, PACKING & LAND LEASING INFORMATION.
 TEMPORARY STRUCTURES IN PLACE UNTIL REMOVAL APPROVED BY SOIL CONSERVATION DISTRICT.

SITE GRADING PLAN
 SCALE 1" = 20'-0"

PROFILE
 SCALE 1" = 20'-0"

GRADING PLAN
 AIR SUPPORTED CAMPUS STRUCTURE - FOR ANTIPOCH COLLEGE / COLUMBIA, MARYLAND
 ARCHITECT: BURK EKSTROM, A.I.A. - 10351 BARCAN CIRCLE / COLUMBIA, MARYLAND
 MECHANICAL ENGINEERS: D.C. CARTER ASSOC. - 100 FIDLER LANE / SILVER SPRING, MD.
 DESIGN CONSULTANTS: RESEARCH & DESIGN INSTITUTE - BOX 307 PROVIDENCE, R.I.

ANTIPOCH PNEUMATIC CAMPUS

APPROVED FOR THE DISTRICT OF COLUMBIA
 DATE: 5/17/72
[Signature]

SDP-72-416C