

WIENER & THALER
consulting structural engineers
newark, new jersey

KALLEN & LEMELSON
consulting mechanical & electrical engineers
new york, new york

GOODKIND & O'DEA
1366 Clifton Avenue, Clifton, N.J.
CIVIL ENGINEERING

JOHN KOZMA P.E.



GENERAL NOTES

1. ALL TOPOGRAHY INFORMATION OBTAINED FROM TOPOGRAPHIC SURVEY APPLIED PHYSICS LABORATORY OF THE JOHNS HOPKINS UNIVERSITY HOWARD COUNTY, MARYLAND, PREPARED BY BEN DYER ASSOCIATES, INC., ENGINEERS, SURVEYORS & PLANNERS, SILVER SPRING, MARYLAND.
2. ZONING: "R" FOR THIS ADJACENT PROPERTIES.
3. OCCUPANCY CLASS: OFFICE RESEARCH (BOCA BUSINESS)
4. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE HOWARD COUNTY BOARD CONSTRUCTION CODE AND SPECIFICATIONS.
5. PARKING: NO. OF VEHICLES 2527 EXISTING PROPOSED 2677
6. WATER & SEWAGE SYSTEMS ARE REVISED 2115 1874 +2410662 RECD
7. TOTAL AREA PROPERTY: 366AC; AREA LABEL 123 + 127584A

SITE DEVELOPMENT PLAN - LIST OF DWGS

- DWG 1 OVERALL PROPERTY OUTLINE
- DWG 2 SITE DEVELOPMENT PLAN, LOCATION MAP, ELEVATION
- DWG 3 SOIL CONSERVATION, GRADING & DRAINAGE

APPROVED: For Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
1-7-80
Date

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY DEPARTMENT OF HEALTH
1-7-80
Date

APPROVED: Howard County Office of Planning and Zoning
1-8-80
Date

APPROVED: DIVISION OF LAND DEVELOPMENT
1-8-80
Date

NOTE: THIS SDP IS A 1979 REVISION TO A PREVIOUSLY APPROVED SDP: TILW N° SDP 75-22 (REVISED IN 1976).

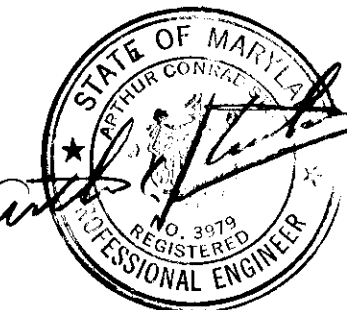
SCALE 0 2 3 4 500'

DEED INFO: LIBER MWB 234 FOLIO 336 ELECTION DIST. NO. 5 TAX MAP 41 PARCEL NO. 123

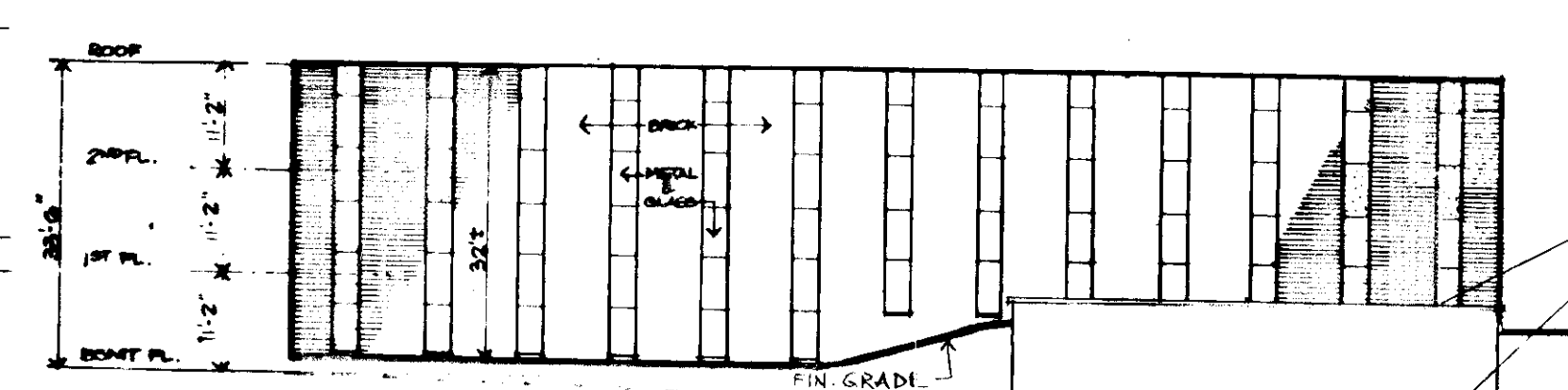
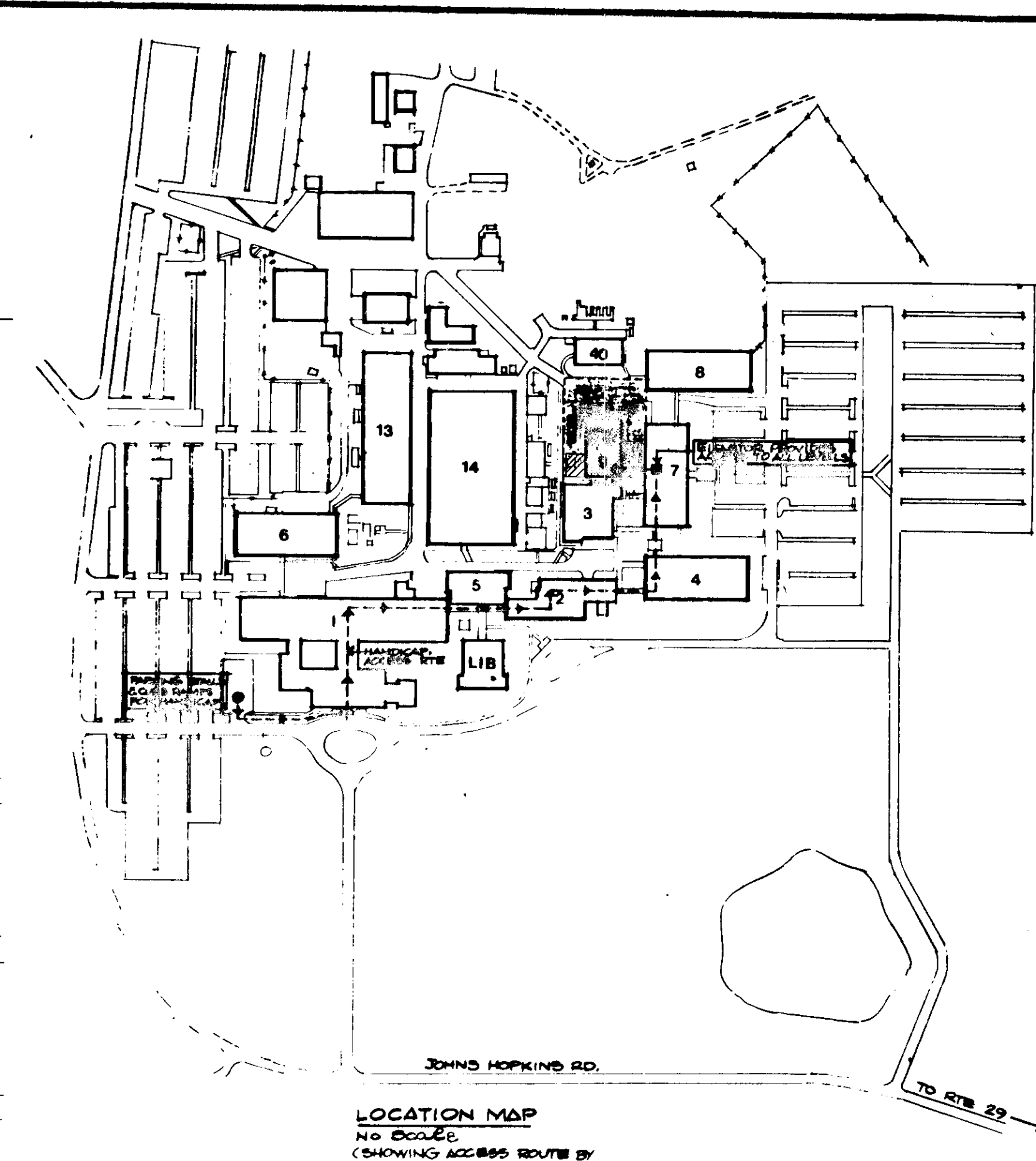
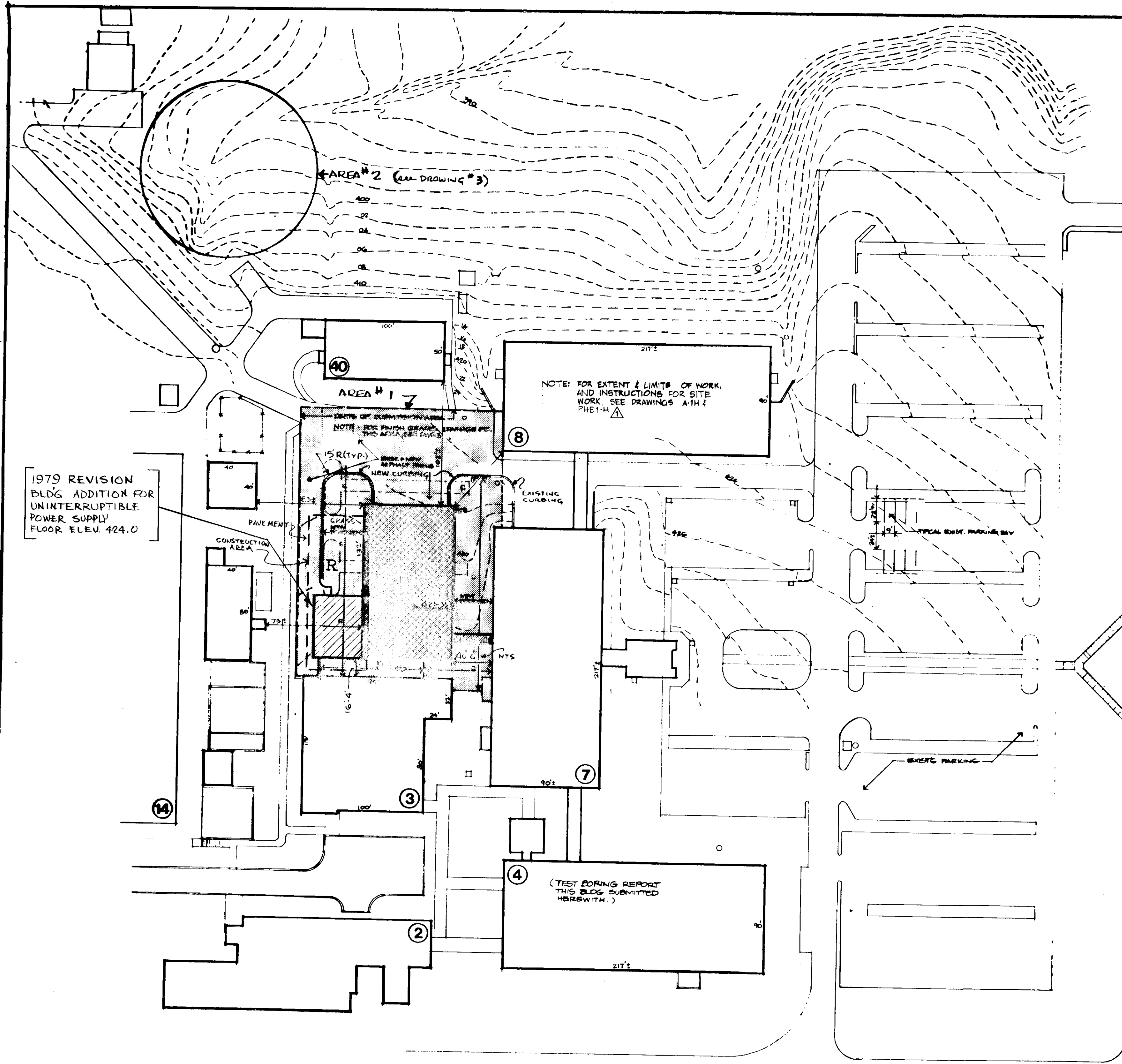
JAMES GOLDSTEIN & PARTNERS ARCHITECTS
225 MILLBURN AVE. MILLBURN, NEW JERSEY 07041
(201) 497-8840
S. JAMES GOLDSTEIN, AIA CERT. NO. 4472-P

THE JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY
LAUREL, MARYLAND
APPROVED FOR THE UNIVERSITY BY: [Signature]
DATE: 9/11/79 TITLE: BUSINESS M.G.R.

BUILDING 9
OVERALL PROPERTY OUTLINE
REV. 17 APRIL 75 34
DATE: ENACTED SCALE: AS SHOWN DWN: 75 CKD: BOA



DIVISION OF LAND DEVELOPMENT
10-23-79



WEST ELEVATION - BLDG. 9
 0' 5' 10' 20'
 1/8" = 1'-0" SCALE
 NOTE: WEST ELEVATION OF BUILDING NO. 9 IS SCHEMATIC. SEE DRAWING A-14 FOR FULL AND CORRECT INFORMATION.
 FINISHED GRADE ACCESS RAMP (1979 REVISION)

NOTES

- SEEDING - PERMANENT - BLUE GRASS & FESCUE ON ALL DISTURBED AREAS. 50# BARE OF EACH.
- SITE ANALYSIS:
 TOTAL AREAS OF SUBMISSION 8,250 SQ. FT. ±
 AREA DISTURBED 5,200 SQ. FT. ±
 AREA VEGETATED 0 SQ. FT. ±
 AREA IMPERVIOUS 8,250 SQ. FT. ±
 AREA UNDISTURBED 3,050 SQ. FT. ±

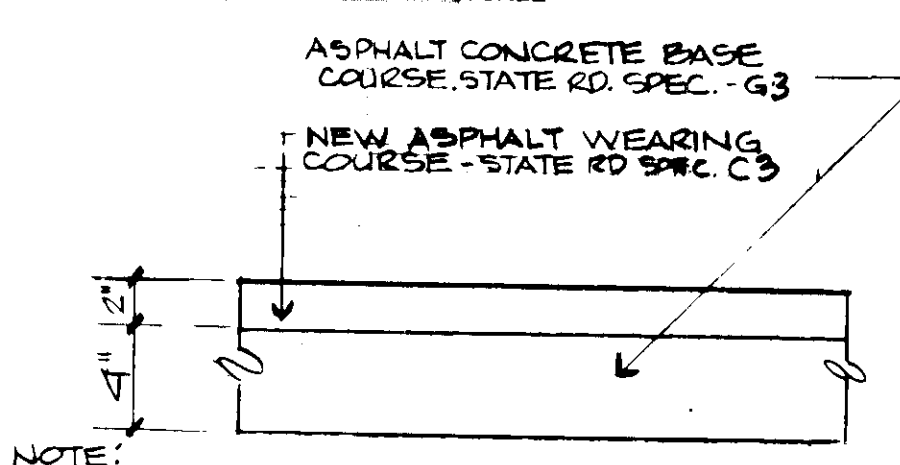
10-23-79

3. CONSTRUCTION SEQUENCE:

ITEM	COMPLETION DATE	WORK BY	1979 REVISION
A. GET GRADING PERMIT		CONTRACT	CONTRACT
B. INFORM HOWARD CO. DEPT. OF INSPECTIONS PERMITS (502-2436) 72 HRS. PRIOR TO STARTING CONSTRUCTION		CONTRACT	CONTRACT
C. 42" DRAIN PIPE	JUNE 15	CONTRACT	NA
D. PROTECTED INLETS	JUNE 20	CONTRACT	SEPT. 15 CONTR.
E. BLDG. EXCAV.	JUNE 29	CONTRACT	SEPT. 15 CONTR.
F. DAM	JUNE 29	CONTRACT	NA
G. FILL	JULY 10	CONTRACT	NA
H. SEEDS	JULY 20	OWNER	NA

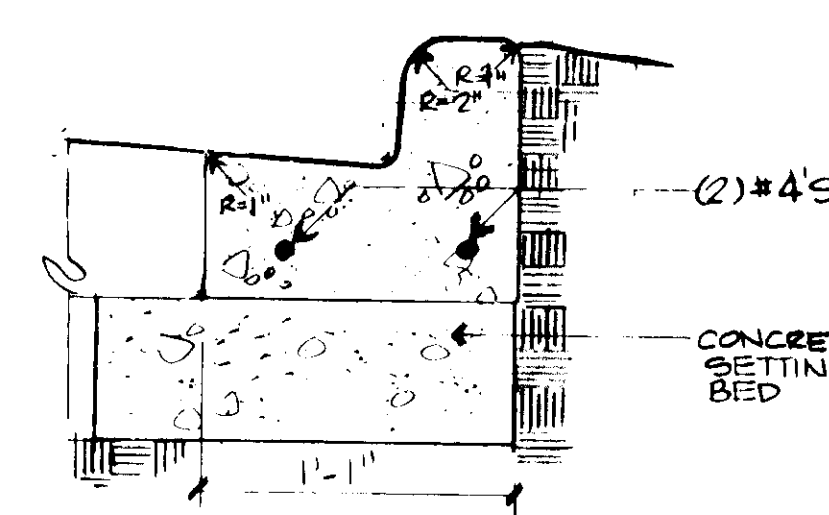
4. LIME AND FERTILIZER TO BE APPLIED IN ACCORDANCE WITH SOIL TEST RESULTS AS DETERMINED BY THE UNIVERSITY OF MD. SOIL TESTING LABORATORY

SITE PLAN



NOTE:
 1) A TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION D-31.4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
 2) BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.

PAVING SECTION
 SCALE: 1/2" = 1'-0"



PRECAST CURB WITH INTEGRAL GUTTER
 SCALE: 1/2" = 1'-0"
 PER HOWARD COUNTY SPEC.

APPROVED: For Storm Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 1-8-80
 CHIEF BUR OF ENGINEERING

APPROVED: For Private Water and Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 1-8-80

APPROVED: Howard County Office of Planning and Zoning
 PLANNING OFFICER: [Signature] DATE: 1-8-80
 CHIEF, DIVISION OF LAND DEVELOPMENT

SITE ANALYSIS:

- Area of Parcel: 27,384 sq. (PARCEL 125)
- Present Zoning: (R)
- Floor space on each level of buildings: (SEE BELOW)
- Employees, tenants on site. (2877)
- Number of parking spaces required by Howard County Zoning Regulations (70AMB/10000 = .7X 2677) (OFFICE RESEARCH) (1814)
- Number of parking spaces provided on site. (2118)

(M) **POLE SPACE**
 * MTL. EQUIP. 2160 (GROSS)
 1979 REVISION

JOHN KOZMA P.E.
 CONSULTING ENGINEER
 156 CIRCLE 3RD FLOOR
 CIVIL ENGINEERING

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 NEWARK, NEW JERSEY

KALLER & LEBELSON
 CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
 NEW YORK, NEW YORK

TAX MAP 41 PARCEL NO. 123
 ELECTION DIST. NO. 5

LIBER MWS24 FOLIO 338

THE JOHNS HOPKINS UNIVERSITY
APPLIED PHYSICS LABORATORY
 LAUREL MARYLAND

JOHNS HOPKINS UNIVERSITY
 APPROVED FOR THE UNIVERSITY
 DATE: 7/11/79 TITLE: BUSINESS MGR

DEED INFO: LIBER MWS24 FOLIO 338

This development plan is approved for the Johns Hopkins University by the Howard County Department of Public Works. Approved: [Signature] DATE: 10-23-79

REVIEWED FOR: [Signature] S.C.D. AND NEEDS TECHNICAL REQUIREMENTS [Signature] DATE: 10-23-79 U.S. SOIL CONSERVATION SERVICE

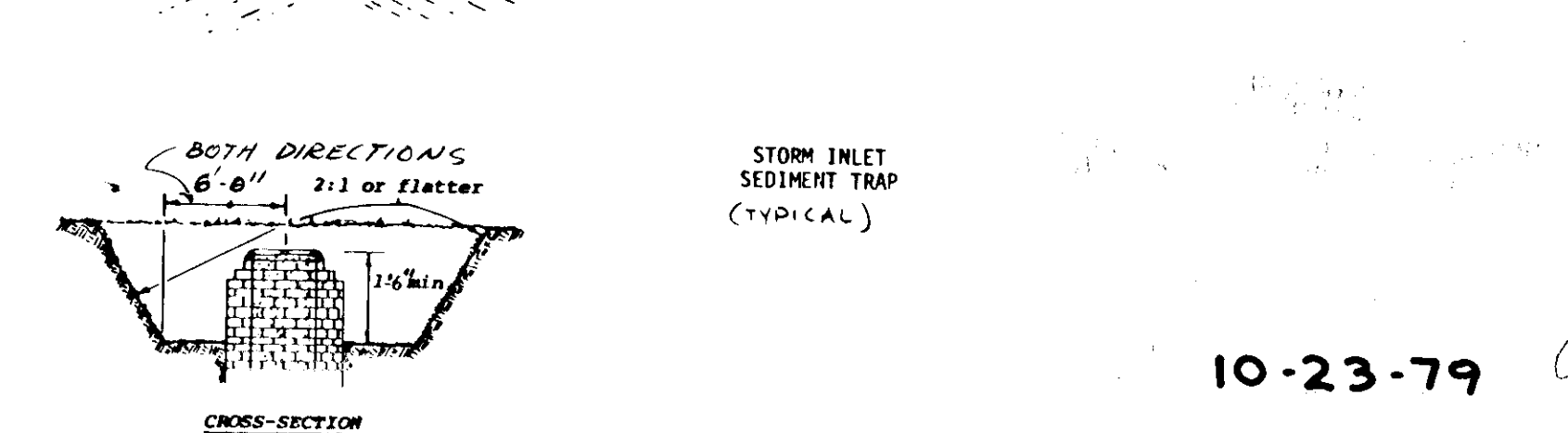
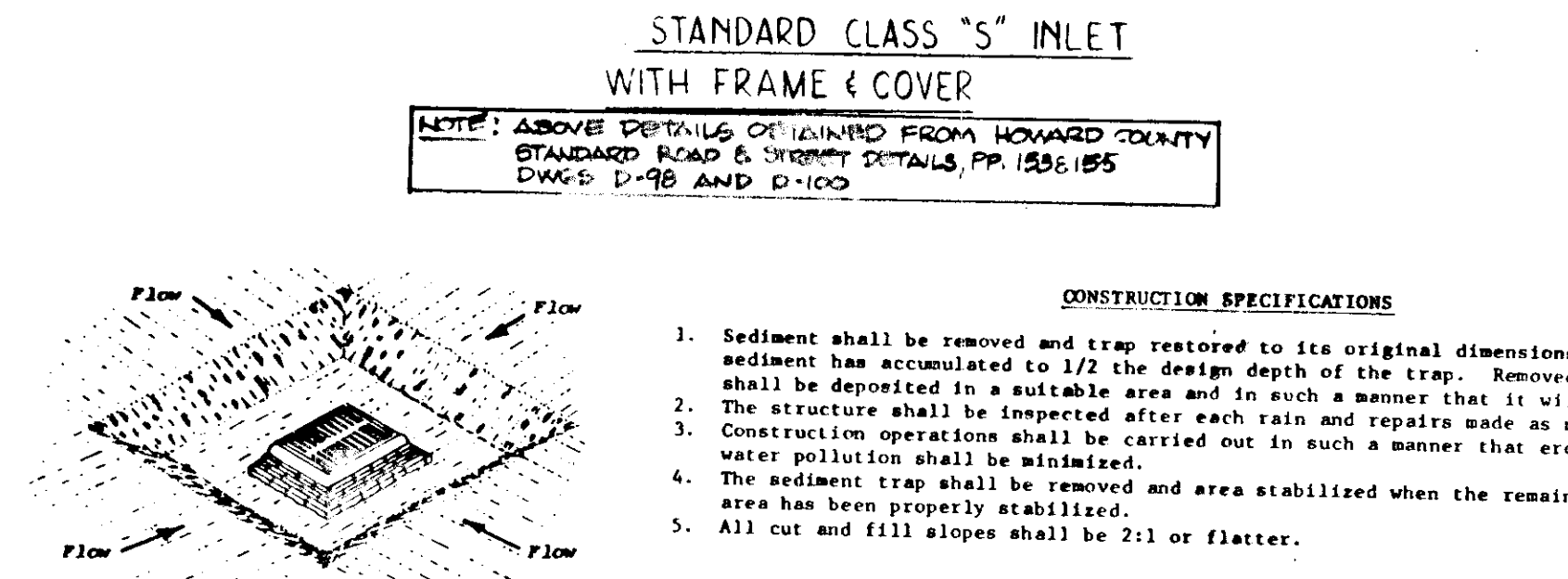
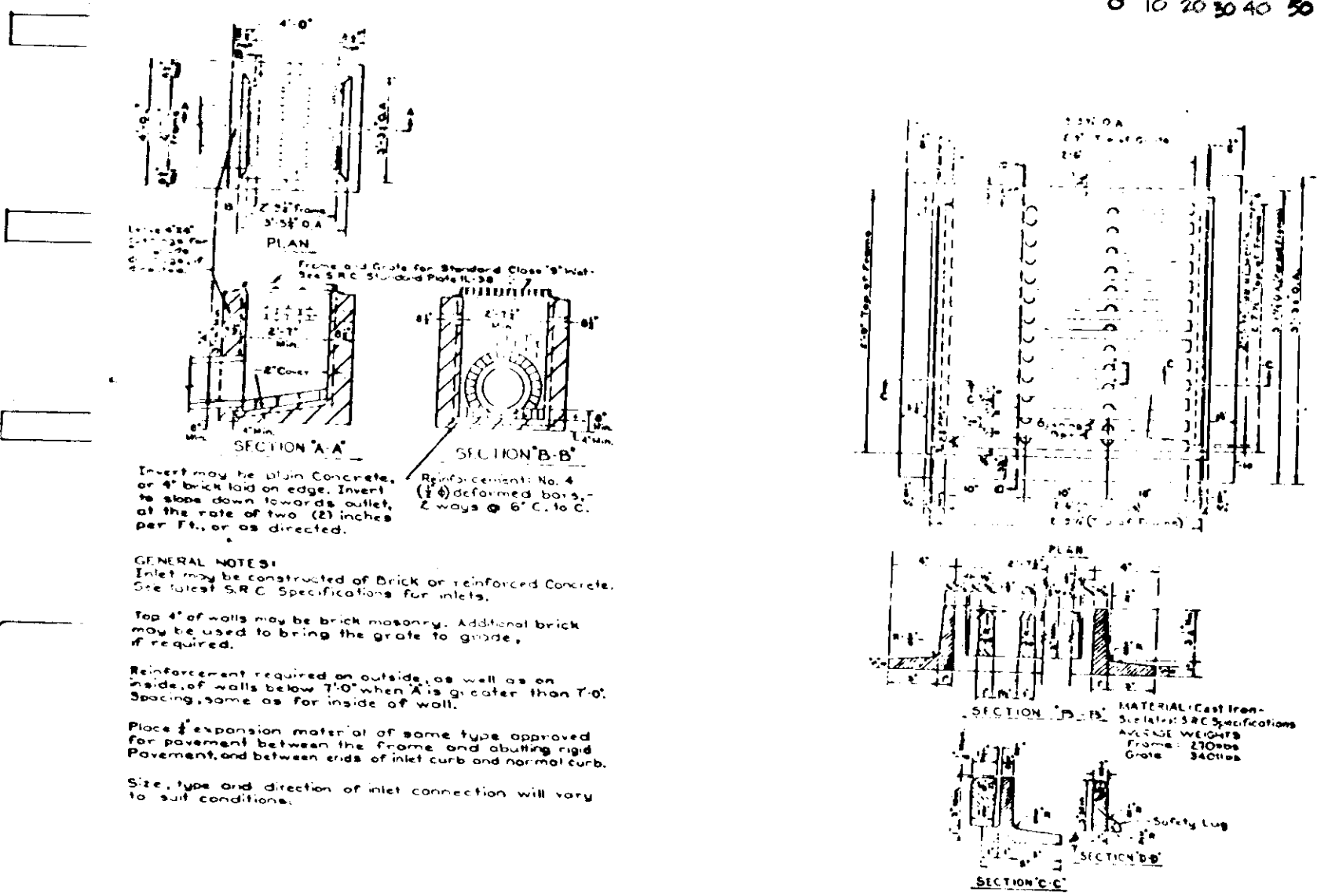
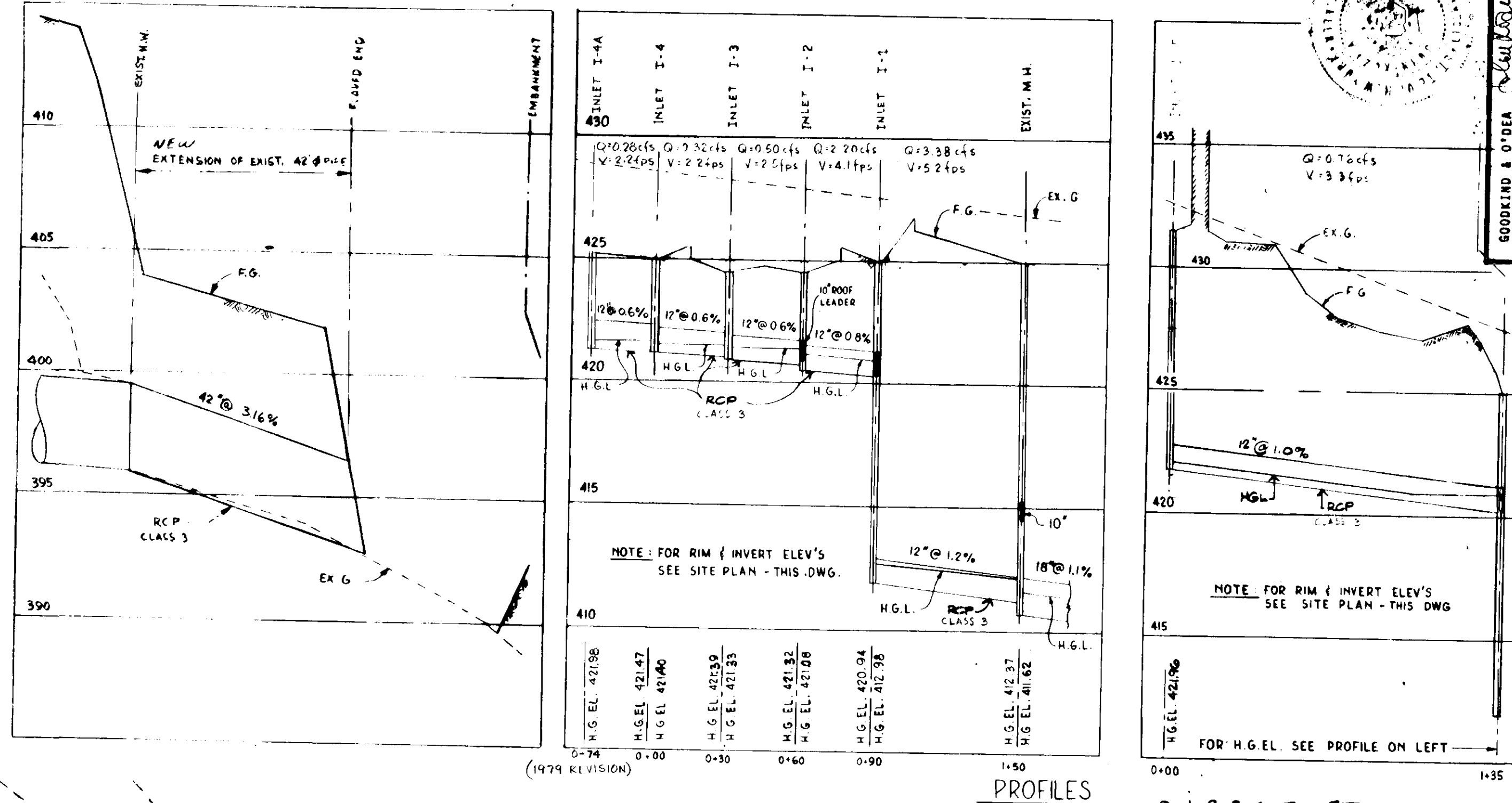
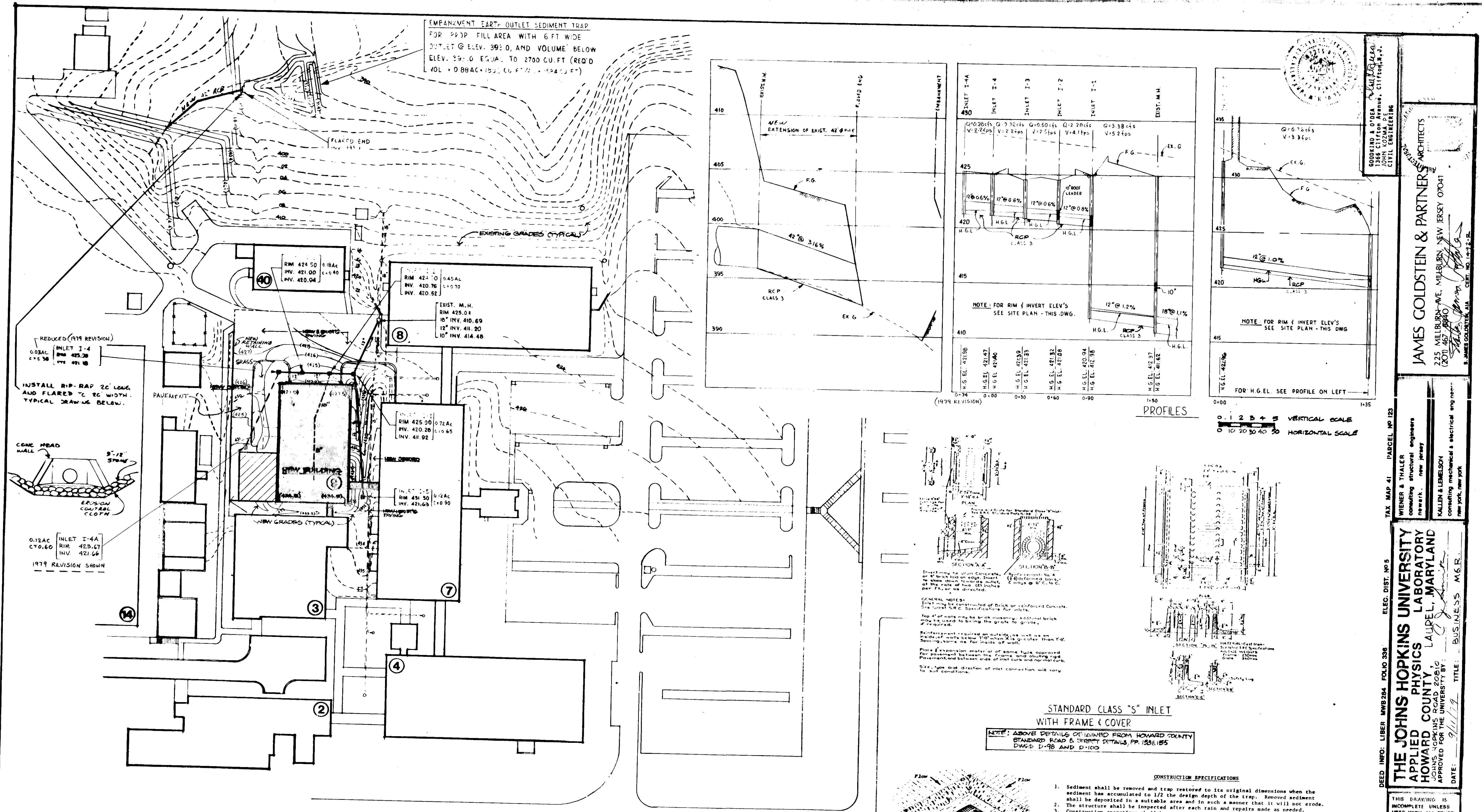
BUILDING-9
SITE DEVELOPMENT PLAN
LOCATION MAP ELEVATION

REV. 11 APRIL 78 44
 DATE WHEN SCALE: 1/8" = 1'-0" DWN. 15 C.D. 15

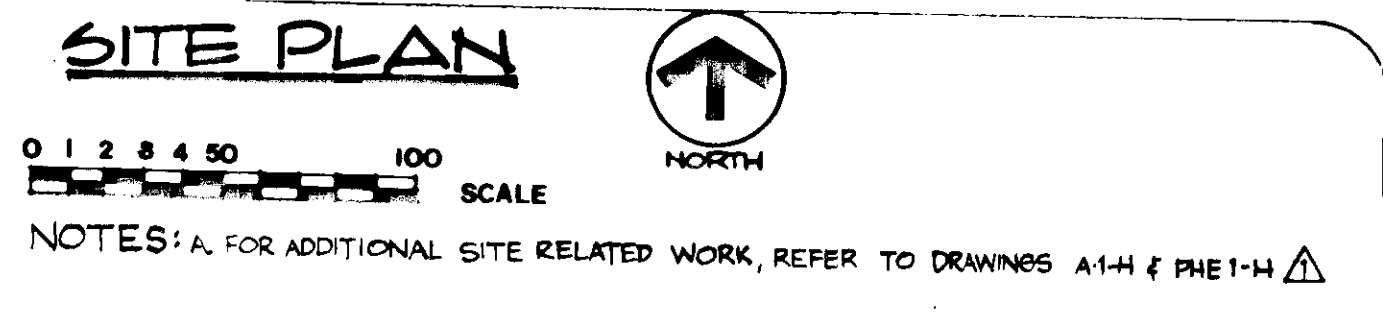
SD 2
 01 3
 DRAWING NUMBER

NOTE: THIS SDP IS A 1979 REVISION TO A PREVIOUSLY APPROVED SDP: FILE NO. SDP 75-22 (REVISED IN 1976).

SDP-80-46



STRUCTURE SCHEDULE					
NO.	TYPE	INV. IN	INV. OUT	TOP EL.	REMARKS
I-1	CLASS 'S'	420.28	411.92	425.00	SEE DETAIL FOR STORM INLET
I-2	DO	420.76	420.52	424.50	SEDIMENT TRAP
I-3	DO	421.00	420.94	424.50	TO BE INSTALLED
I-4	DO	421.22	421.18	425.00	AT ALL INLETS
I-5	DO	N/A	421.63	431.50	
I-4A	DO	N/A	421.66	429.67	



APPROVED: For Storm Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 11-20-79
 CHIEF BUREAU OF ENGINEERING

APPROVED: For Private Water and Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 11-20-79

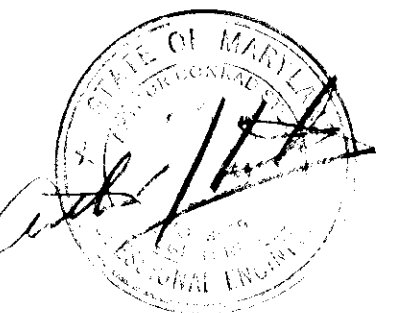
APPROVED: Howard County Office of Planning and Zoning
 PLANNING OFFICER: [Signature] DATE: 11-20-79
 CHIEF DIVISION OF LAND DEVELOPMENT

Reviewed for HOWARD S.C.D. and meets technical requirements
 Signature: [Signature] Date: 11-7-79
 S. SOIL CONSERVATION SERVICE

This development plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
 Approved: [Signature] Date: 11-7-79
 HOWARD S.C.D.

"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 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 of Developer: [Signature] Date: 11/17/79

"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 of Engineer: [Signature] Date: 11/19/79
 (FOR 1978 REVISION) A.C. SOUCH, P.E.



NOTE: THIS SDP IS A 1979 REVISION TO A PREVIOUSLY APPROVED FILE NO. SDP 15-22 (REVISED IN 1978).

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 NEW YORK, NEW YORK

THE JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY
 HOWARD COUNTY LAUREL, MARYLAND
 APPROVED FOR THE UNIVERSITY BY: [Signature] DATE: 9/11/79 TITLE: BUSINESS M.E.R.

DEED INFO: LIBER MWB284 FOLIO 388 ELEC. DIST. NO. 5 TAX MAP 41 PARCEL NO. 23 WIENER & THALER CONSULTING STRUCTURAL ENGINEERS NEW JERSEY KALLEN & LEMELSON CONSULTING MECHANICAL & ELECTRICAL ENGINEERS NEW YORK, NEW YORK

BUILDING-9 SOIL CONSERVATION GRADING & DRAINAGE
 REV. 11-20-79 SCALE: AS NOTED DWG. NO. 3 OF 3 DATE: 10-23-79

SD OF 3 DRAWING NUMBER SDP-80-46