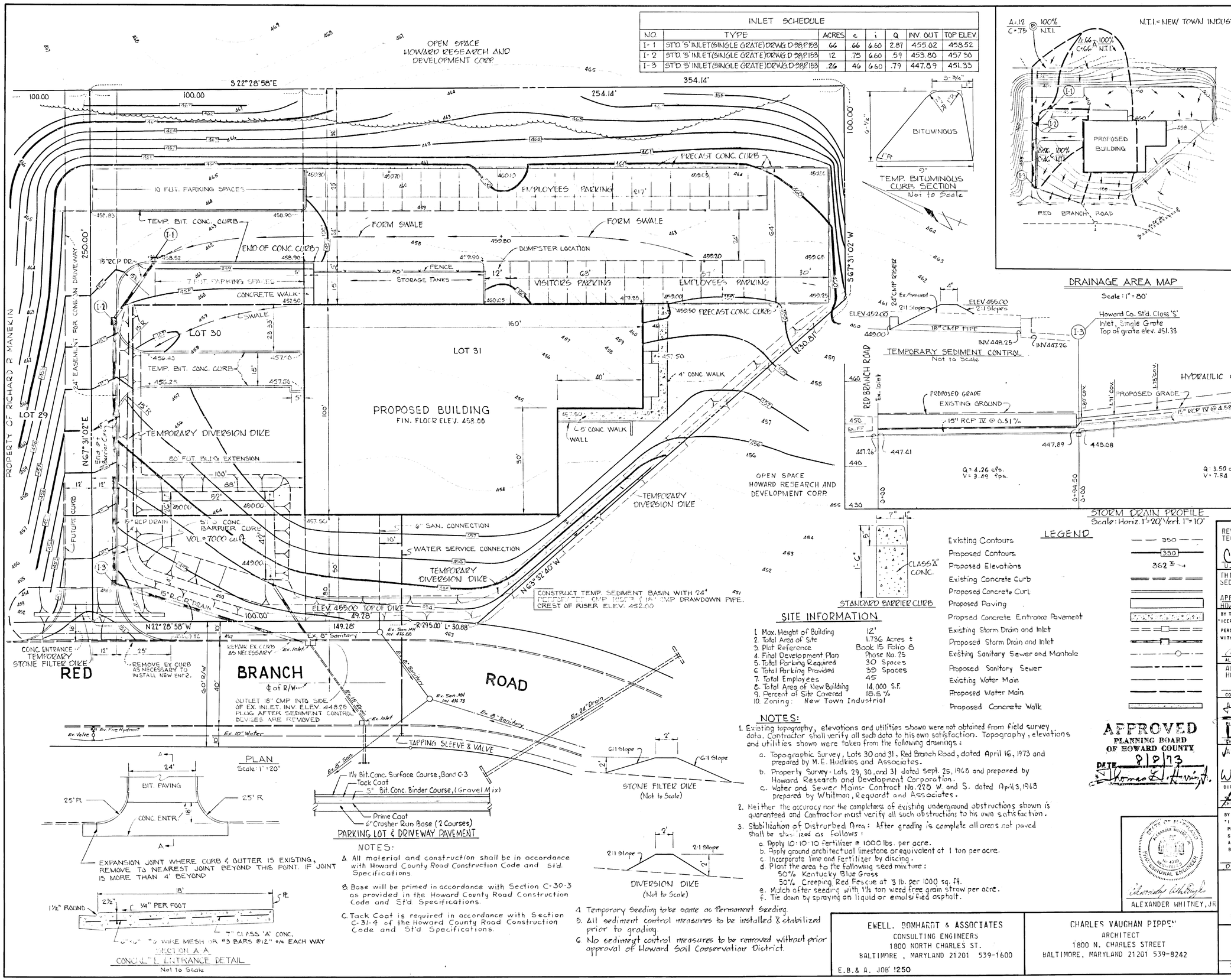
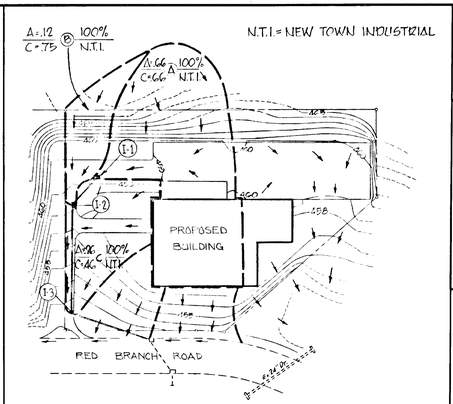
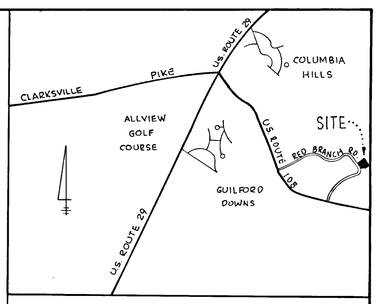
INLET SCHEDULE							
NO.	TYPE	ACRES	c	i	Q	INV. OUT	TOP ELEV
I-1	STD 'S' INLET (SINGLE GRATE) DRWG D-98, P 153	.66	.66	6.60	2.87	455.02	458.52
I-2	STD 'S' INLET (SINGLE GRATE) DRWG D 98, P 153	12	.75	6.60	.59	453.80	457.30
I-3	STD 'S' INLET (SINGLE GRATE) DRWG D 98, P 153	.286	.46	6.60	.79	447.89	451.33

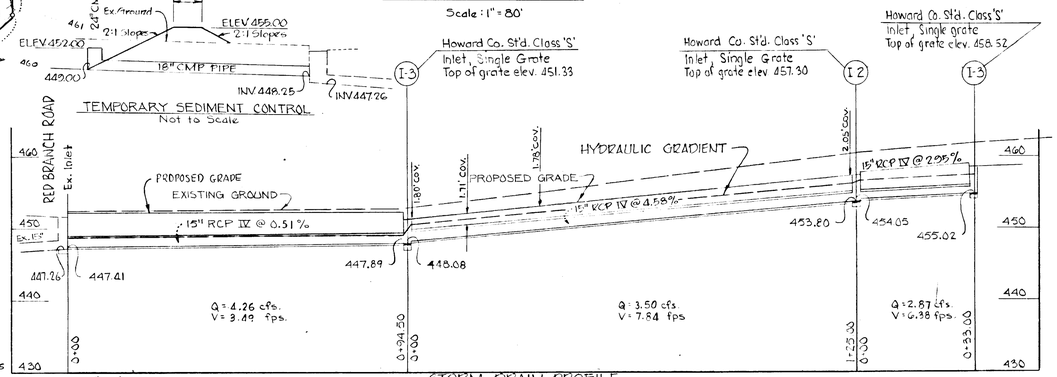






VICINITY MAP
Scale: 1" = 1 Mile

DRAINAGE AREA MAP
Scale: 1" = 80'



STORM DRAIN PROFILE
Scale: Horiz. 1" = 20' Vert. 1" = 10'

LEGEND

- Existing Contours — 350
- Proposed Contours — 350
- Proposed Elevations — 362.35
- Existing Concrete Curb
- Proposed Concrete Curl
- Proposed Paving
- Proposed Concrete Entrance Pavement
- Existing Storm Drain and Inlet
- Proposed Storm Drain and Inlet
- Existing Sanitary Sewer and Manhole
- Proposed Sanitary Sewer
- Existing Water Main
- Proposed Water Main
- Proposed Concrete Walk

SITE INFORMATION

1. Max. Height of Building	12'
2. Total Area of Site	1.736 Acres ±
3. Plat Reference	Book 15 Folio 8
4. Final Development Plan	Phase No. 25
5. Total Parking Required	30 Spaces
6. Total Parking Provided	30 Spaces
7. Total Employees	45
8. Total Area of New Building	14,000 S.F.
9. Percent of Site Covered	18.5 %
10. Zoning:	New Town Industrial

NOTES:

1. Existing topography, elevations and utilities shown were not obtained from field survey data. Contractor shall verify all such data to his own satisfaction. Topography, elevations and utilities shown were taken from the following drawings:
   a. Topographic Survey, Lots 30 and 31, Red Branch Road, dated April 16, 1973 and prepared by M.E. Hudkins and Associates.
   b. Property Survey - Lots 29, 30, and 31 dated Sept. 25, 1968 and prepared by Howard Research and Development Corporation.
   c. Water and Sewer Mains - Contract No. 228 W. and S. dated April 3, 1968 prepared by Whitman, Requardt and Associates.
2. Neither the accuracy nor the completeness of existing underground obstructions shown is guaranteed and Contractor must verify all such obstructions to his own satisfaction.
3. Stabilization of Distrurbed Area: After grading is complete all areas not paved shall be stabilized as follows:
   a. Apply 10-10-10 fertilizer @ 1000 lbs. per acre.
   b. Apply ground architectual limestone or equivalent at 1 ton per acre.
   c. Incorporate lime and fertilizer by discing.
   d. Plant the area to the following seed mixture:
      50% Kentucky Blue Grass
      50% Creeping Red Fescue at 3 lb. per 1000 sq. ft.
   e. Mulch after seeding with 1½ ton weed free grain straw per acre.
   f. Tie down by spraying on liquid or emulsified asphalt.
4. Temporary Seeding to be same as Permanent Seeding.
5. All sediment control measures to be installed & stabilized prior to grading.
6. No sediment control measures to be removed without prior approval of Howard Soil Conservation District.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 8/9/73
Thomas F. Harvey Jr.

ALEXANDER WHITNEY, JR.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
Charles E. Nuttall — 9/8/73
U.S. SOIL CONSERVATION SERVICE — DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: Robert W. Zuehlke — 9/6/73
HOWARD SOIL CONSERVATION DISTRICT — DATE

BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND PERSONAL KNOWLEDGE OF THE SIGHT CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."
Alexander Whitney Jr. — 5/22/73
ALEXANDER WHITNEY, JR. — DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
8/14/73
COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY OFFICER OF PLANNING & ZONING
Thomas F. Harvey Jr. — 8-16-73
PLANNING DIRECTOR — DATE
8/16/73
CHIEF, DIV. OF LAND DELEV. AND TRANSPORTATION PLANNING — DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEM AND ROADS
HOWARD COUNTY DEPT. OF PUBLIC WORKS
William D. Altman — 8/13/73
DIRECTOR — DATE
8/10/73
CHIEF, BUREAU OF HIGHWAYS — DATE

BY THE DEVELOPER:
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS 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.
Carl C. Botzler — 7/23/73
DEVELOPER — DATE

PROPOSED OFFICE & LABORATORY FOR ARCTEC, INC.

OAKLAND RIDGE INDUSTRIAL PARK
SECTION 2 LOTS 30 AND 31
ELECTION DIST. 2 HOWARD CO. MARYLAND

DWG. NO.

DATE
MAY 15, 1973

EWELL, BOMHARDT & ASSOCIATES
CONSULTING ENGINEERS
1800 NORTH CHARLES ST.
BALTIMORE, MARYLAND 21201 539-1600
E.B.& A. JOB 1250

CHARLES VAUGHAN PIPPEN
ARCHITECT
1800 N. CHARLES STREET
BALTIMORE, MARYLAND 21201 539-8242

BOTZLER EMORY ASSO.
P.O. Box 125
GLEN ARM, MARYLAND 21057
SCALE: HORZ. 1" = 20' VERT. 1" = 10'

SDP 73-110c