

Note: The contractor is responsible for check and verification of all dimensions, elevations, elevations, and design data.

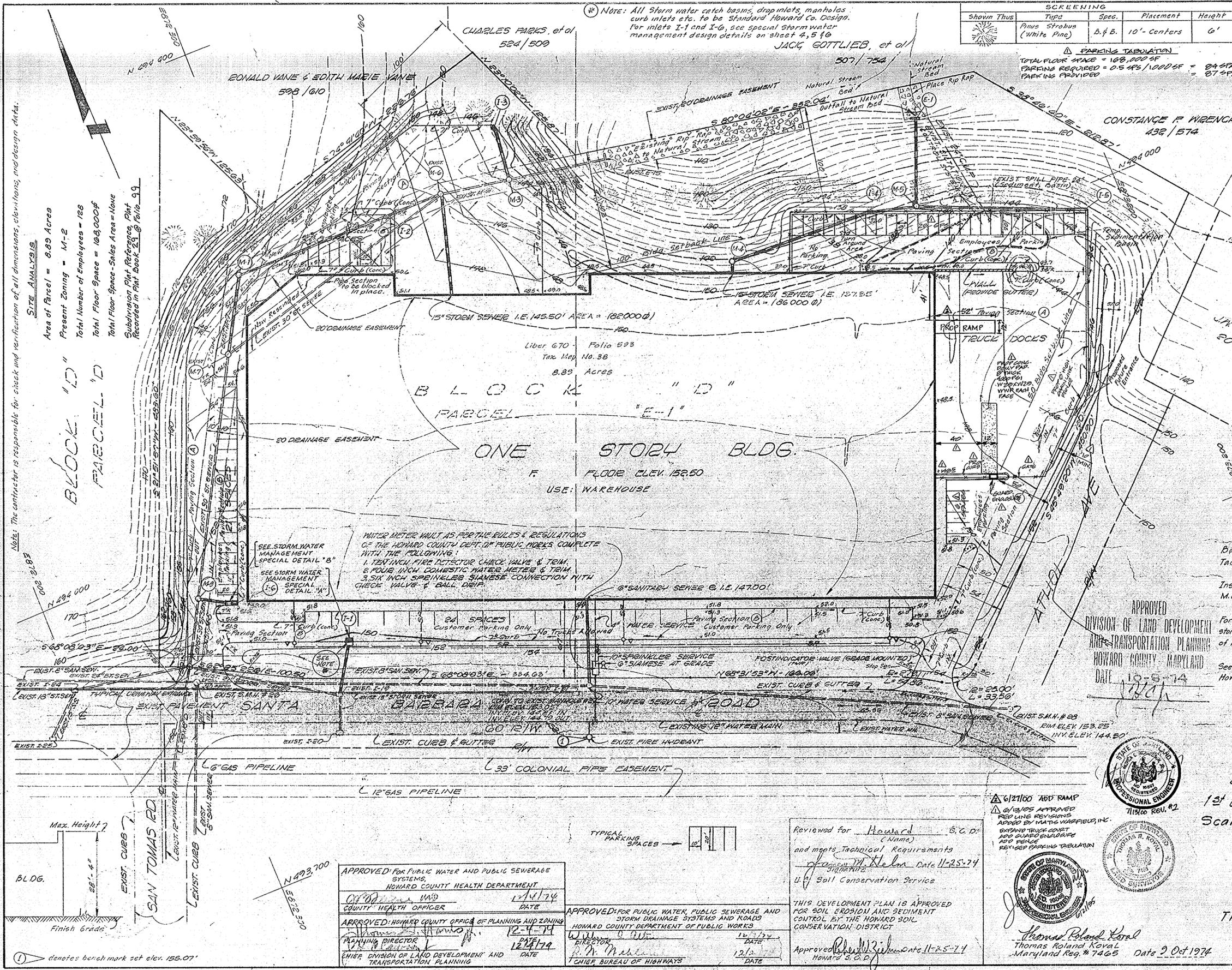
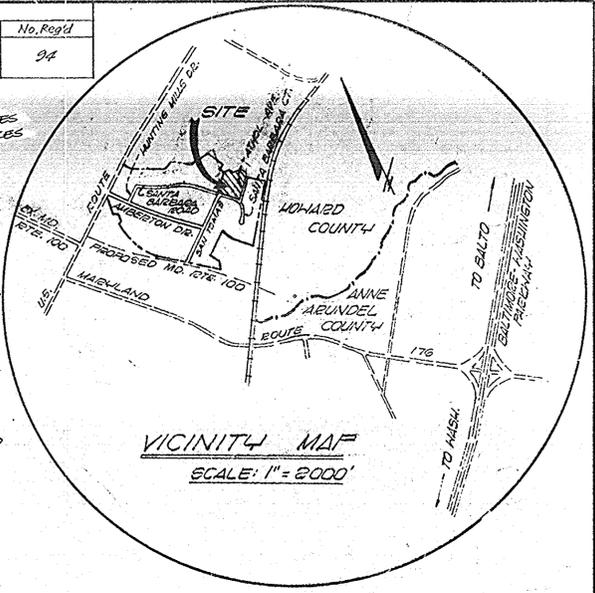
SITE ANALYSIS
 Area of Parcel = 8.89 Acres
 Present Zoning - M-2
 Total Number of Employees = 128
 Total Floor Space = 108,000 SF
 Total Floor Space - Sales Area = None
 Subdivision Plat Reference, Plat Recorded in Plat Book 21 @ Page 99

BLOCK "D" PARCEL "E-1"

* Note: All storm water catch basins, drop inlets, manholes, curb inlets etc. to be Standard Howard Co. Design. For inlets I-1 and I-6, see special storm water management design details on sheet 4, 5 & 6
 JACK GOTTLIB, et al

Shown Thus	Type	Spec.	Placement	Height	No. Req'd
	Pinus Strobus (White Pine)	B. & B.	10' Centers	6'	94

SCREENING
 TOTAL FLOOR SPACE = 108,000 SF
 PARKING REQUIRED = 0.545 / 1000 SF = 54 SPACES
 PARKING PROVIDED = 87 SPACES



TYPICAL PAVING SECTIONS
 (A) Roads - driveways 1 1/2" - 5" - 6" per Howard County Specs.
 (B) Parking Areas 1" - 4" - per Howard County Specs.

SECTION "A"		SECTION "B"	
BIT. CONC. SURFACE	1 1/2" BAND C-3	BIT. CONC. SURFACE	1" BAND C-3
BIT. CONC. BINDER	5" (Gravel Mix)	BIT. CONC. SURFACE	1" BAND C-3
CRUSHER RUN BASE	6"	BIT. CONC. BINDER	1" (Gravel Mix)

Base will be primed in accordance with section C-30-3 of H.C.R.C.C.
 Tack Coat shall be provided in accordance with section C-31-4 of H.C.R.C.C.
 Installation of Traffic Control devices shall be done in accordance with M.U.T.C.D., 1971 Edition.

For on-site/off-site drainage divides and areas, computations, drainage area map, storm drainage design, and plan and profiles; see approved plans by chief, Bureau of Public Works, dated 5-7-73, sheets 1 thru 9, Howard Co. File No. F-73-53
 See approved On-site Erosion Control Plan, approved on Feb 22, 1972 by Howard S.C.D. (Drawing No. SE-1)

APPROVED
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 10-5-74

Site Development Plan
 ROUTE ONE HUNDRED
 BUSINESS PARK
 BLOCK "D" PARCEL "E-1"
 1st Election District, Howard County, Maryland
 Scale 1" = 40' June 11, 1974

OWNER-DEVELOPER
 ELKRIDGE DEVELOPMENT CO.
 c/o Wilbur E. Simmons
 #2 Hopkins Plaza
 Baltimore, Md. 21201

THOMAS R. KOVAL & ASSOCIATES
 ENGINEERS-SURVEYORS-PLANNERS
 FAIRFAX, VIRGINIA

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE 11/1/74

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE 12/1/74

Reviewed for Howard S.C.D. and meets Technical Requirements
 of Thomas R. Koval Date 11-25-74
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 Approved by Thomas R. Koval Date 11-25-74
 HOWARD S.C.D.

6/21/74 ADD RAMP
 6/15/75 APPROVED
 RED LINES APPROVED
 APPROVED BY MARYLAND PROFESSIONAL ENGINEER
 100 CODES ENCLOSED
 ADD FENCE
 REVISED PARKING TABULATION

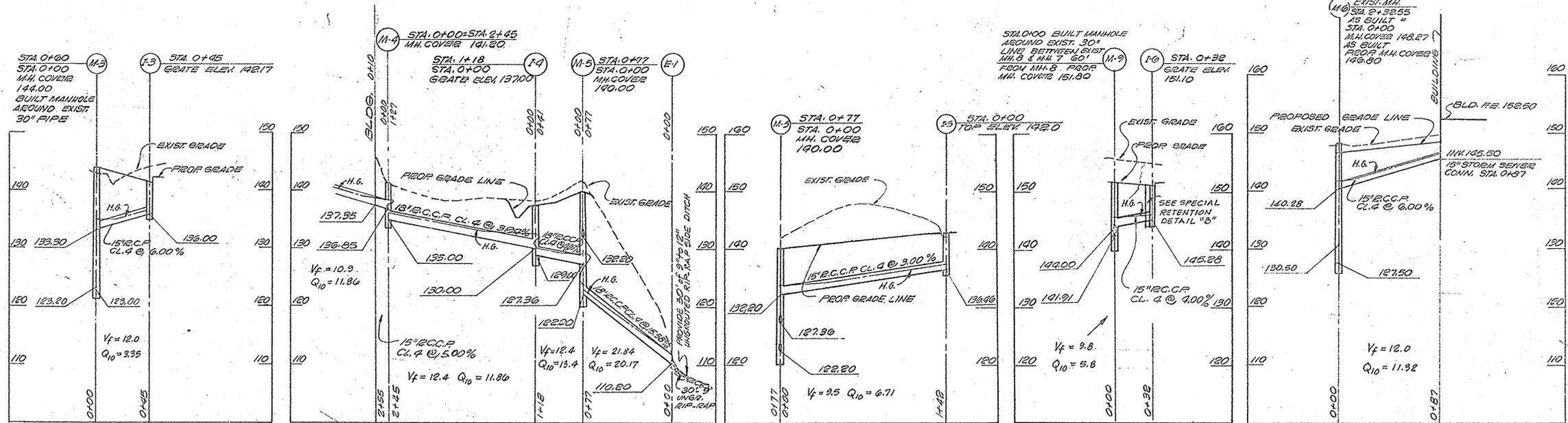


Thomas Roland Koval
 Thomas Roland Koval
 Maryland Reg. # 7465 Date 2 Oct 1974

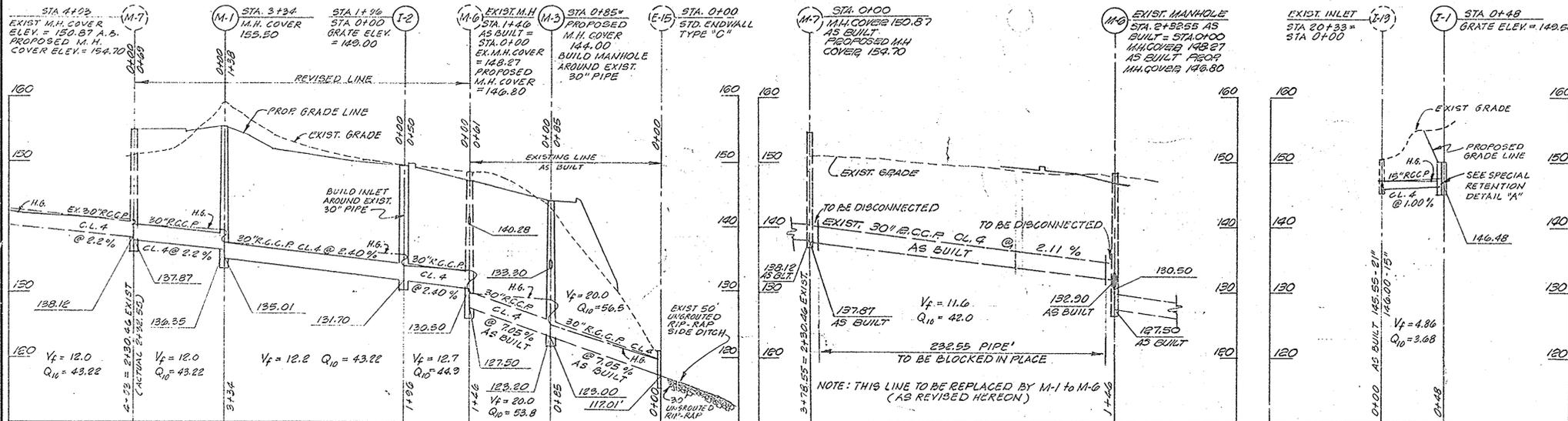
denotes bench mark set elev. 155.07'

Reviewed for Howard S.C.D.
(Name)
and meets Technical Requirements
Signature [Signature] Date 11-25-74
U.S. Soil Conservation Service
THIS DESIGN PLAN IS APPROVED
FOR SOIL EROSION AND SEDIMENT
CONTROL BY THE HOWARD SOIL
CONSERVATION DISTRICT.
Approved [Signature] Date 11-25-74
Howard S.C.D.

APPROVED FOR PUBLIC WATER AND PUBLIC
SEWERAGE SYSTEMS HOWARD
COUNTY HEALTH OFFICER
[Signature] DATE 12/4/74
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
[Signature] DATE 12/4/74
PLANNING DIRECTOR
CHIEF DIVISION OF LAND DEVELOPMENT AND
TRANSPORTATION PLANNING
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND
STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DATE 12/11/74
DIRECTOR
[Signature] DATE 12/11/74
CHIEF BUREAU OF HIGHWAYS



PROFILES
SCALE: HOR. 1"=50'
VER. 1"=10'



PROFILES
SCALE: HOR. 1"=50'
VER. 1"=10'

MANHOLE SCHEDULE					
NO.	TYPE	SIZE	IN/OUT	TOP ELEV.	REMARKS
M-9	"A"	30"	141.91	151.80	
M-1	"A"	30"	135.01	155.50	BUILT AROUND EXIST. 30" PIPE
M-2	Deleted				
M-3	"A"	30"	123.00	149.00	BUILT AROUND EXIST. 30" PIPE
M-4	"A"	15"	135.00	141.20	
M-5	"A"	18"	122.20	142.00	

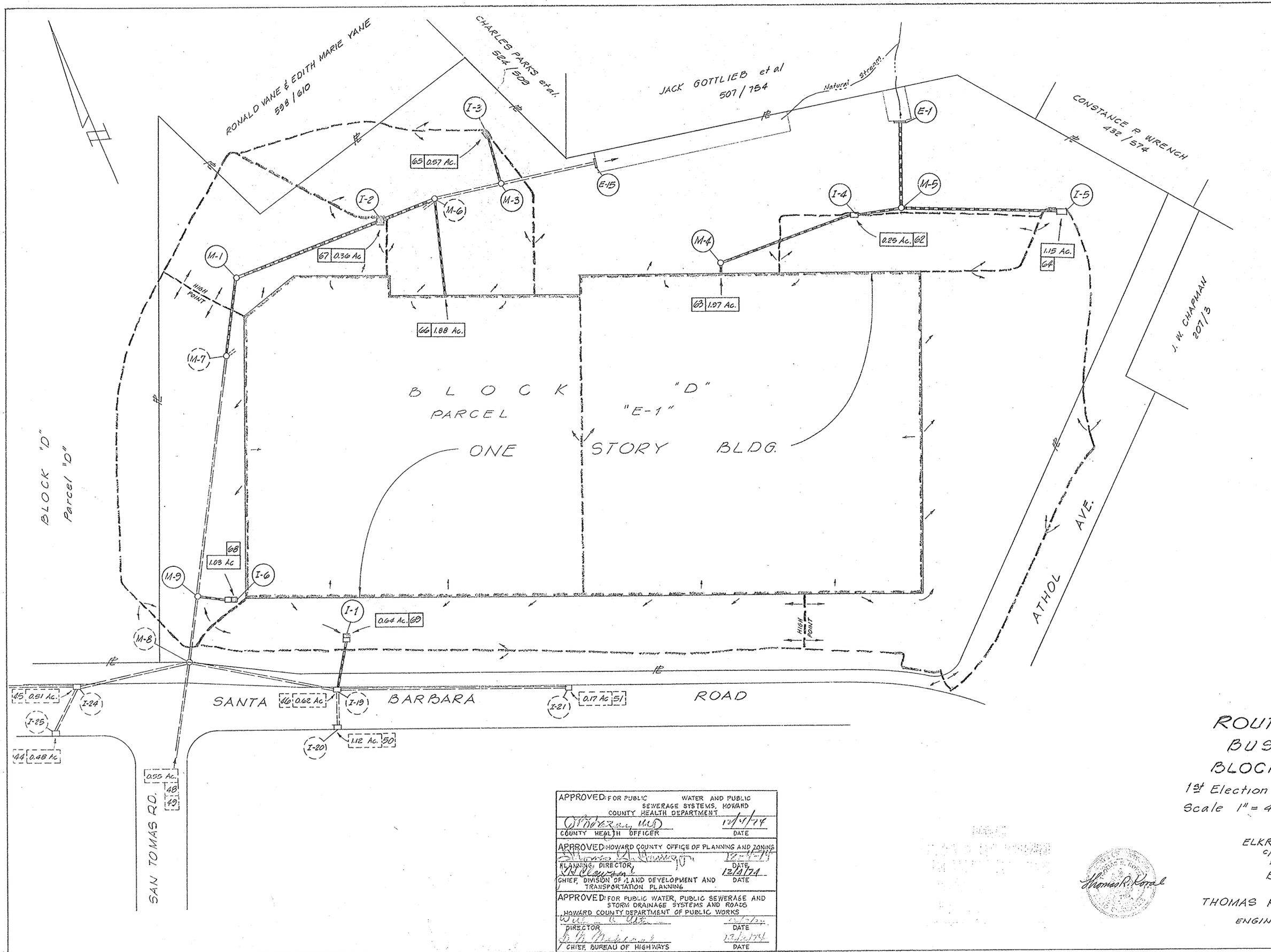
INLET SCHEDULE				
NO.	TYPE	Q10 (CFS)	IN/OUT	TOP ELEV.
I-1	DBL "5" COMB	3.68	146.15	149.50
I-2	"	2.07	131.70	149.00
I-3	"	3.35	139.00	142.17
I-4	CLASS "A" TRIPLE THREAT OPENING	1.51	129.00	137.00
I-5	"	0.71	136.40	142.00
I-6	DBL "5" COMB	5.80	145.28	151.10

ENDWALL SCHEDULE				
NO.	TYPE	SIZE	IN/OUT	
E-1	STD. TYPE "C"	18"		110.20

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE: 10-8-74
[Signature]

Designed		ENGINEER Thomas R. Koval & Assoc. Engineers and Surveyors P.O. Box 383 Fairfax, Va. Thomas R. Koval 7465 Reg. Date	OWNER & DEVELOPER Elkridge Development Co. c/o Wilbur E. Simmons #2 Hopkins Plaza Baltimore, Md. 21201					STORM DRAINS PARCEL "E-1" BLOCK "D" ROUTE ONE HUNDRED BUSINESS PARK STORM DRAIN PROFILES Howard County, Maryland Elect. Dist. No. 1 Date: June 11, 1974	REVISIONS Date Description By 9/27/74 Storm dr. revised storm water system management. TRK	Sheet of
Drawn										Drawing No.
Checked										

SDP-74-125



DRAINAGE AREAS		
AREA NO.	"C"	AREA IN ACRES
62	0.90	0.25
63	0.90	1.97
64	0.88	1.15
65	0.88	0.57
66	0.90	1.88
67	0.84	0.36
68	0.84	1.03
69	0.86	0.64
APPROVED EXISTING AREAS		
AREA NO.	"C"	AREA IN ACRES
44	0.88	0.48
45	0.85	0.51
46	0.84	0.62
48	0.84	0.32
49	0.89	0.23
50	0.86	1.12
51	0.84	0.17

APPROVED
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 12-19-74
 (Signature)

On-Site
 Drainage Divides Sheet
**ROUTE ONE HUNDRED
 BUSINESS PARK
 BLOCK "D" PARCEL "E-1"**
 1st Election District Howard County, Maryland
 Scale 1" = 40' Sept 27, 1974

OWNER-DEVELOPER
 ELKRIDGE DEVELOPMENT CO.
 c/o Wilbur E. Simmons
 #2 Hopkins Plaza
 Baltimore, Md. 21201

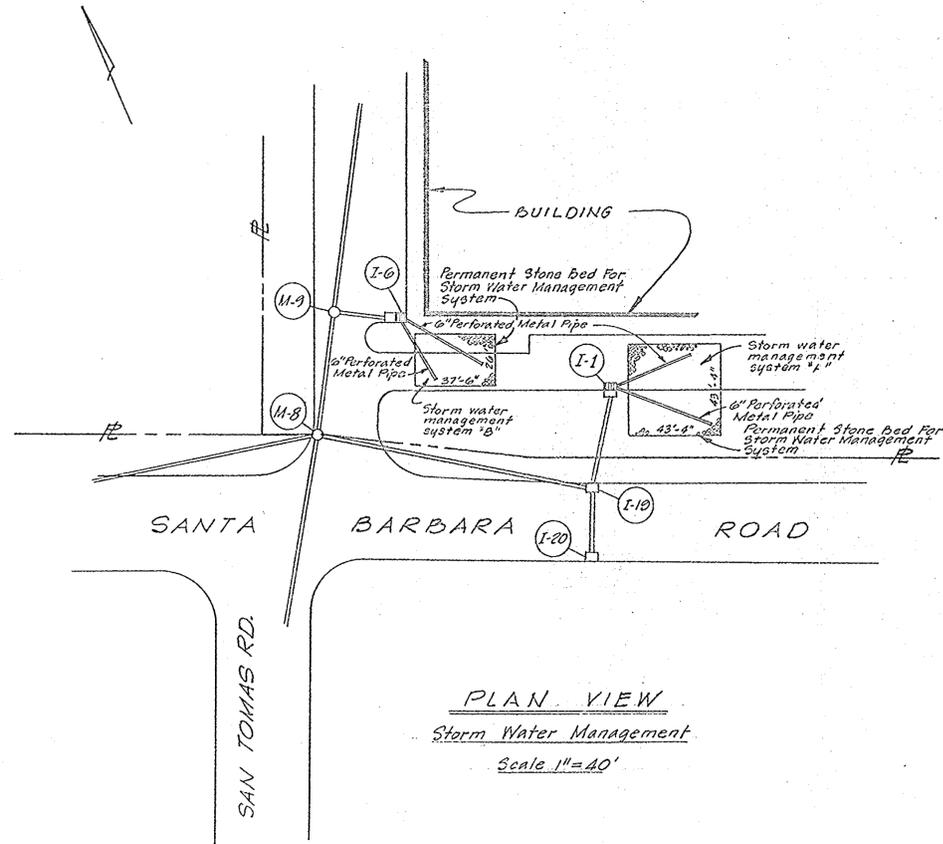
THOMAS R. KOYAL & ASSOCIATES
 ENGINEERS • SURVEYORS • PLANNERS
 FAIRFAX • VIRGINIA



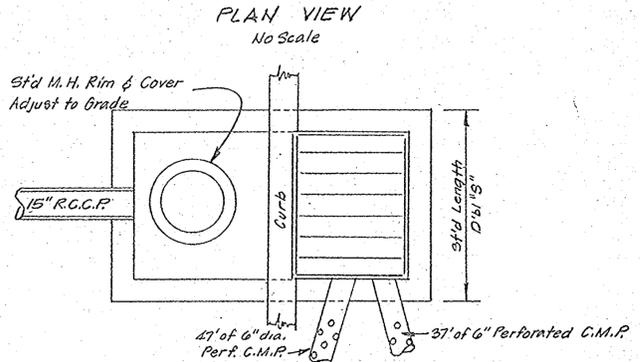
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 12/19/74

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: [Signature] DATE: 12/19/74
 CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

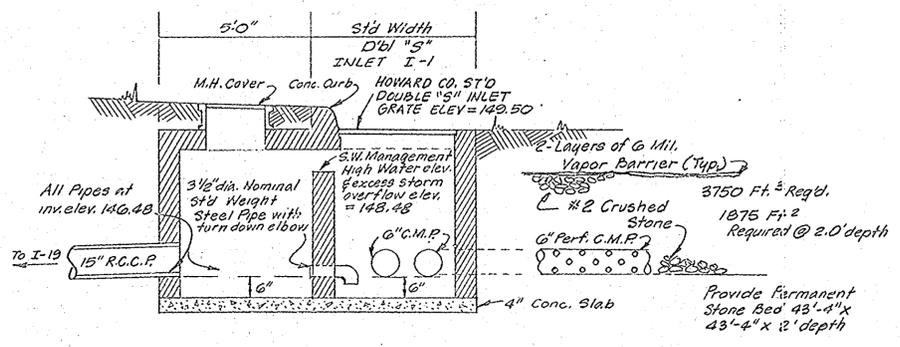
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 12/19/74
 CHIEF, BUREAU OF HIGHWAYS



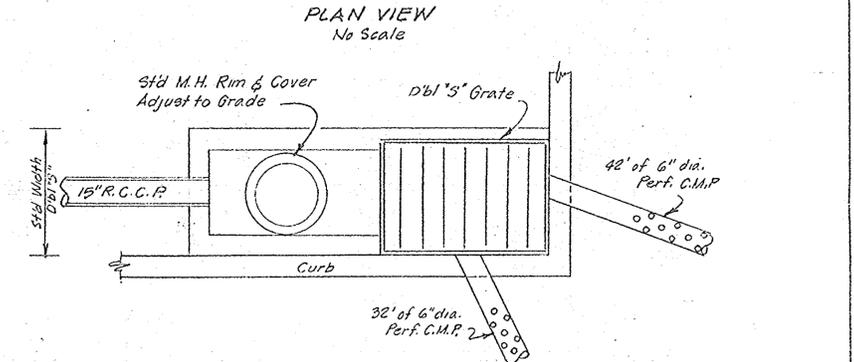
PLAN VIEW
Storm Water Management
Scale 1"=40'



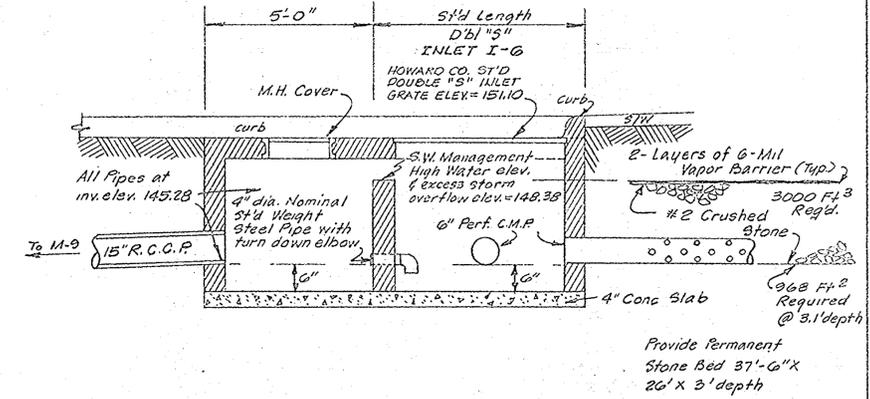
PLAN VIEW
No Scale



TYPICAL SECTION
System "A"
No Scale



PLAN VIEW
No Scale



TYPICAL SECTION
System "B"
No Scale

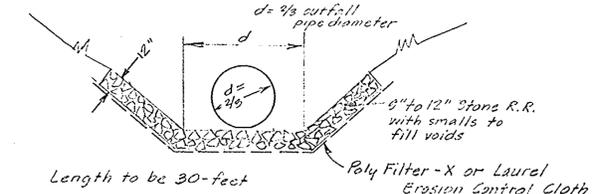
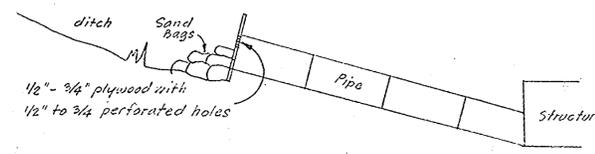
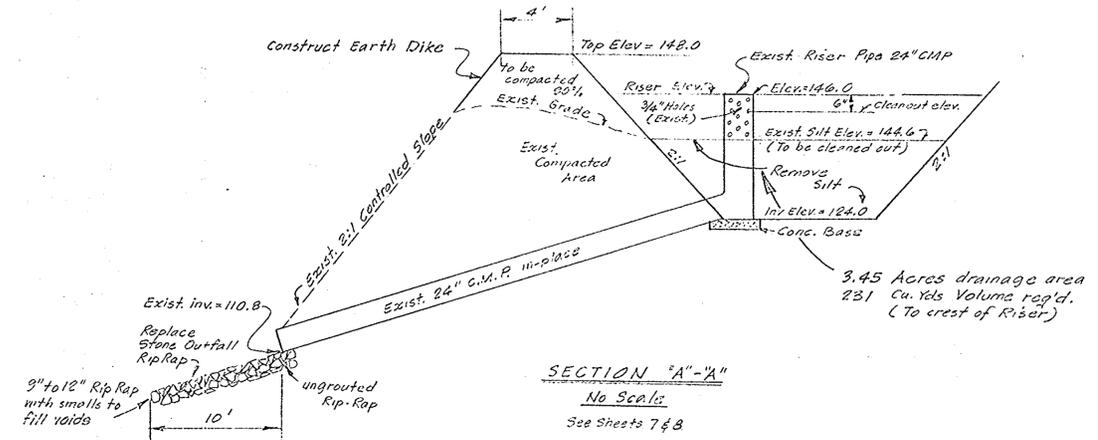
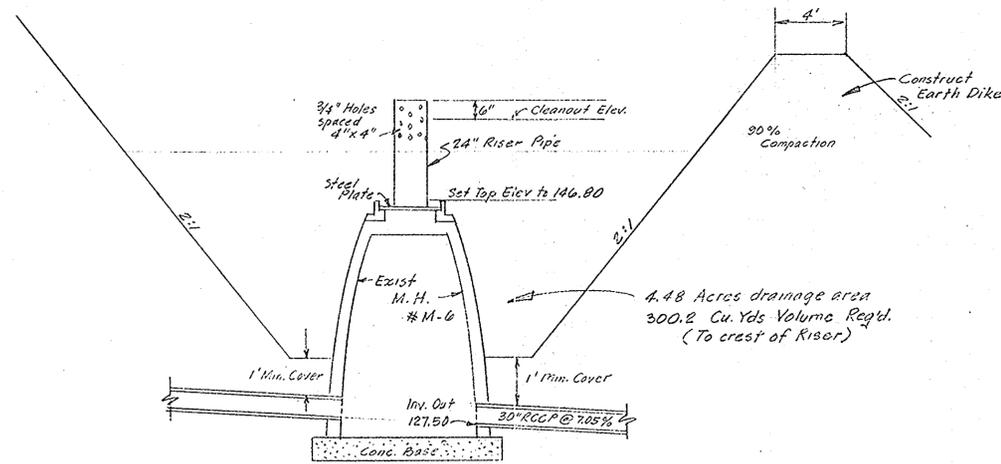
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	<i>[Signature]</i>	12/14/74
COUNTY HEALTH OFFICER		DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING	<i>[Signature]</i>	12/14/74
PLANNING DIRECTOR		DATE
CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING	<i>[Signature]</i>	12/14/74
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	<i>[Signature]</i>	12/14/74
DIRECTOR		DATE
CHIEF BUREAU OF HIGHWAYS	<i>[Signature]</i>	12/14/74
		DATE

APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 10-3-74
[Signature]



Special Details
Storm Water Management
ROUTE ONE HUNDRED
BUSINESS PARK
BLOCK "D" PARCEL "E-1"
1st Election District Howard County, Maryland
Scale: As Shown Oct. 5, 1974

OWNER-DEVELOPER
ELKRIDGE DEVELOPMENT CO.
c/o Wilbur E. Simmons
#2 Hopkins Plaza
Baltimore, Md. 21201
THOMAS R. KOVAL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS
FAIRFAX • VIRGINIA



STABILIZATION NOTES

At such time as final grading is accomplished as shown, graded areas to be uniformly seeded with Kentucky 31 tall fescue at 1-1/2 to 2 lbs per 1000 square feet and crown vetch at 1/2 lb per 1000 square feet (inoculate the crown vetch); soil shall be prepared for seeding by the application of 50 lbs/1000 sq. ft. of pulverized dolomitic limestone, 25 lbs/1000 sq. ft. of 10-10-10 or equivalent fertilizer and 23 lbs/1000 sq. ft. of 0-20-0 superphosphate or equivalent; harrow or disc line and fertilizer to a depth of 3-inches min. until a fine uniform firm seedbed is prepared; uniformly mulch immediately after seeding with unweathered wheat straw at the rate of 90 lbs/1000 sq. ft., mulch to be anchored by emulsified asphalt applied at the rate of 0.04 gal./sq. yd. - all per "E & SC Stds.", pages 3.100, 3.101, 3.102, 3.103, and 3.104.

VEGETATIVE COVER OPTIONS

Aug. 15 - Nov. 1	1. sod 2. seed & mulch
Nov. 1 - Feb. 1	1. sod 2. seed & mulch (delay until next period if ground is frozen)
Feb. 1 - May 1	1. sod 2. seed & mulch
May 1 - Aug. 15	1. sod 2. mulch anchor tool, then seed during next seeding period.

Reviewed for Howard S.C.D. (Name)
and meets Technical Requirements
[Signature] Date 11-25-74
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 11-25-74
Howard S.C.D.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] DATE 11/27/74
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
[Signature] DATE 12-4-74
PLANNING DIRECTOR

[Signature] DATE 12/4/74
CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DATE 12/2/74
DIRECTOR

[Signature] DATE 12/2/74
CHIEF, BUREAU OF HIGHWAYS

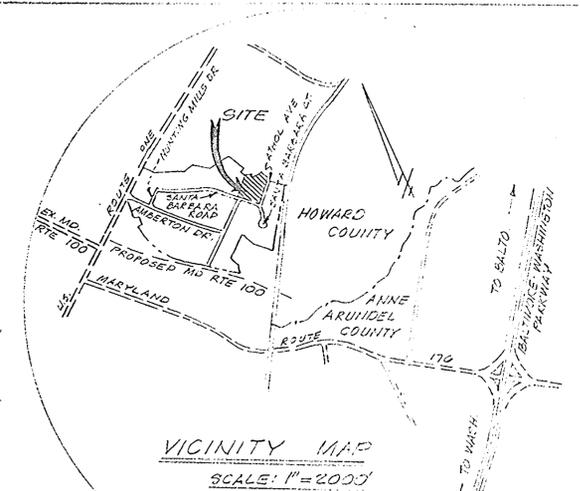
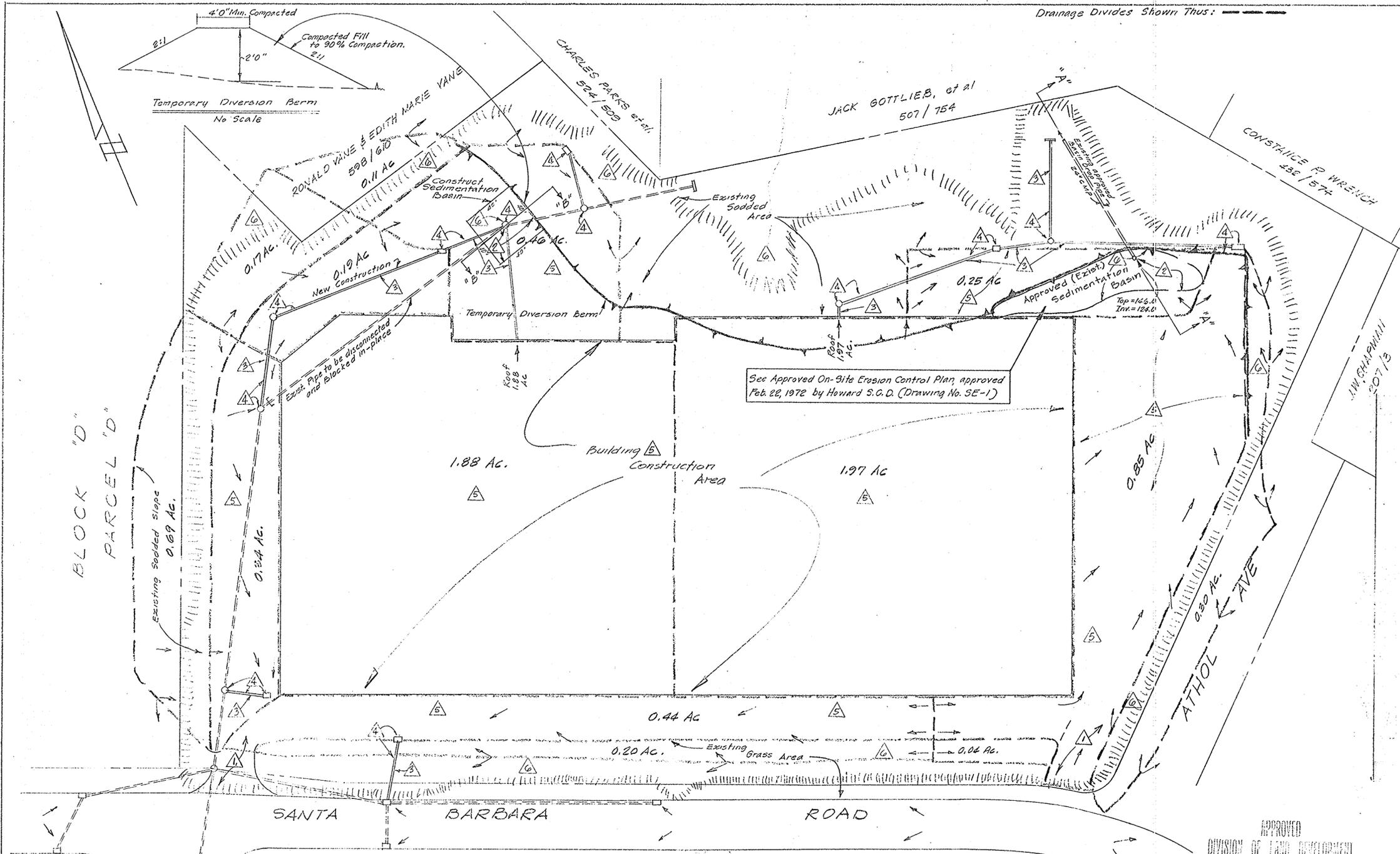
Note: For all other details, comply with "Interim Standards and Specifications for Sediment Trap, Howard S.C.D."

APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 10/25/74
[Signature]

Sediment & Erosion Control Facilities
ROUTE ONE HUNDRED
BUSINESS PARK
BLOCK "D" PARCEL "E-1"
1st Election District Howard County, Maryland
Scale 1" = 40'
Sept. 10, 1974

OWNER-DEVELOPER
ELKRIDGE DEVELOPMENT CO.
c/o Wilbur E. Simmons
#2 Hopkins Plaza
Baltimore, Md. 21201

THOMAS R. KOVAL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS
FAIRFAX • VIRGINIA



NOTES

CONSTRUCTION SEQUENCE

- ▲ Install construction entrances 18" thick X 50' length on 8:1 slope with CR-6. Two entrances shown on plan.
- ▲ Install and maintain erosion control berms, pipes, basins, etc. During construction of storm pipe lines, utilize temporary silt trap according to plan.
- ▲ Construct and maintain storm drains with silt traps. As storm drainage structures are built, they should be immediately capped.
- ▲ Complete construction of building and parking areas except basin sites, including top soil, sodding, mulch, sodding, et cetera, of all areas.
- ▲ Remove sedimentation basin, sedimentation trans, and stabilize site according to plan.

GENERAL

All sediment and control measures shall be installed prior to any other grading of the site, and as specified above. Prior to starting grading, the contractor shall give 24 hours notice to the Howard County Soil Conservation District & The Howard County Bureau of Licenses, Inspections, and Permits.

Protect all topsoil stockpiles with 2' high temporary berm around base of stockpile with minimum 25' long stone overflow berm at the low point. Clean area back of berm as required to maintain an area for storage of sediment.

All stockpiles that are to be undisturbed for 3-weeks or longer, shall immediately after piling, be fertilized, limed, and seeded with grasses.

(See Stabilization and Vegetative Cover Options Notes on subsequent attached sheets of drawings attached hereto and a part hereof)

BLOCK "D" PARCEL "D"

SAN TOMAS RD.

DEVELOPER'S CERTIFICATE

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

Chandler Sigler PRES. Date 9 Oct. 1974
Signature of Developer (Authorized Agent)

ENGINEER'S 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."

Thomas Roland Koval Date 9 October 1974
Signature of Engineer

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

W. J. ... DATE 11-17-74
COUNTY HEALTH OFFICER

Reviewed for Howard S.C.D. (Name) and meets Technical Requirements

James M. Helm Date 11-25-74
Signature U.S. Soil Conservation Service

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

Approved 11-25-74 Date 11-25-74
Howard S.C.D.

APPROVED DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING HOWARD COUNTY, MARYLAND DATE 10-8-74

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

James M. Helm DATE 12-4-74
PLANNING DIRECTOR

W. J. ... DATE 12-11-74
CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

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

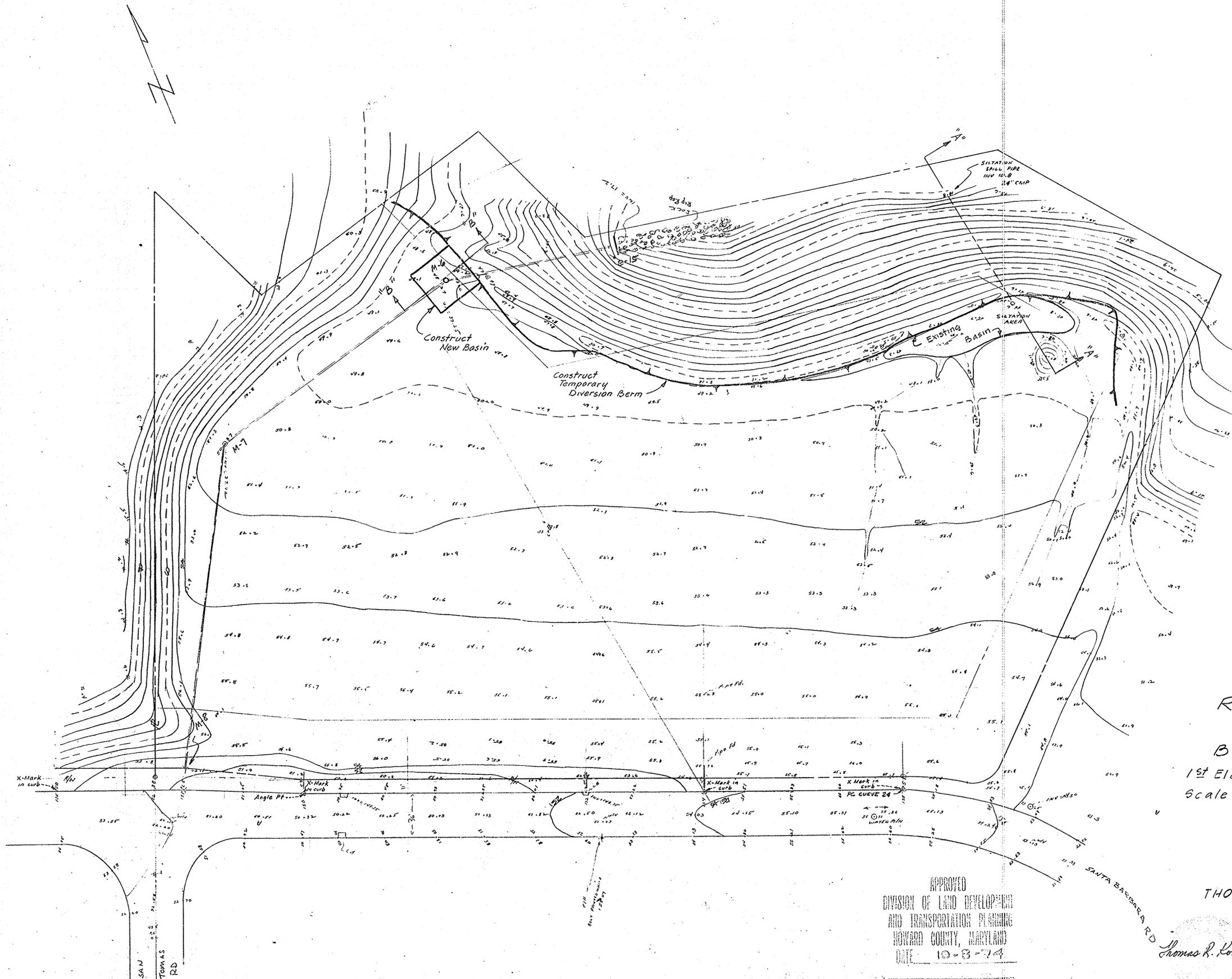
W. J. ... DATE 12-11-74
DIRECTOR

W. J. ... DATE 12-11-74
CHIEF BUREAU OF HIGHWAYS

Sediment & Erosion Control Facilities
ROUTE ONE HUNDRED
BUSINESS PARK
BLOCK "D" PARCEL "E-1"
1st Election District, Howard County, Maryland
Scale 1" = 40' Sept 3, 1974

OWNER-DEVELOPER
ELKRIDGE DEVELOPMENT CO.
c/o Wilbur E. Simmons
#2 Hopkins Plaza
Baltimore, Md. 21201

THOMAS R. KOVAL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS
FAIRFAX - VIRGINIA



Reviewed for Howard S.C.D.
 (Name)
 and meets Technical Requirements
 Signature [Signature] Date 11-25-74
 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 11-25-74
 Howard S.C.D. (1)

APPROVED FOR PUBLIC WATER AND PUBLIC
 SEWERAGE SYSTEMS, HOWARD
 COUNTY HEALTH DEPARTMENT
[Signature] 12/1/74
 COUNTY HEALTH OFFICER DATE
 APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
[Signature] 12-1-74
 PLANNING DIRECTOR DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT AND
 TRANSPORTATION PLANNING DATE
 APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND
 STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 12/1/74
 DIRECTOR DATE
[Signature] 12/1/74
 CHIEF, BUREAU OF HIGHWAYS DATE

Topographic Survey Superimposed with
 Sediment & Erosion Control Basins
**ROUTE ONE HUNDRED
 BUSINESS PARK
 BLOCK "D" PARCEL "E-1"**
 1st Election District Howard County, Maryland
 Scale 1" = 40' Sept. 10, 1974

OWNER-DEVELOPER
 ELKRIDGE DEVELOPMENT CO.
 c/o Wilbur E. Simmons
 #2 Hopkins Plaza
 Baltimore, Md. 21201

APPROVED
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 10-8-74

THOMAS R. KOVAL & ASSOCIATES,
 ENGINEERS-SURVEYORS-PLANNERS
 FAIRFAX • VIRGINIA

Thomas R. Koval