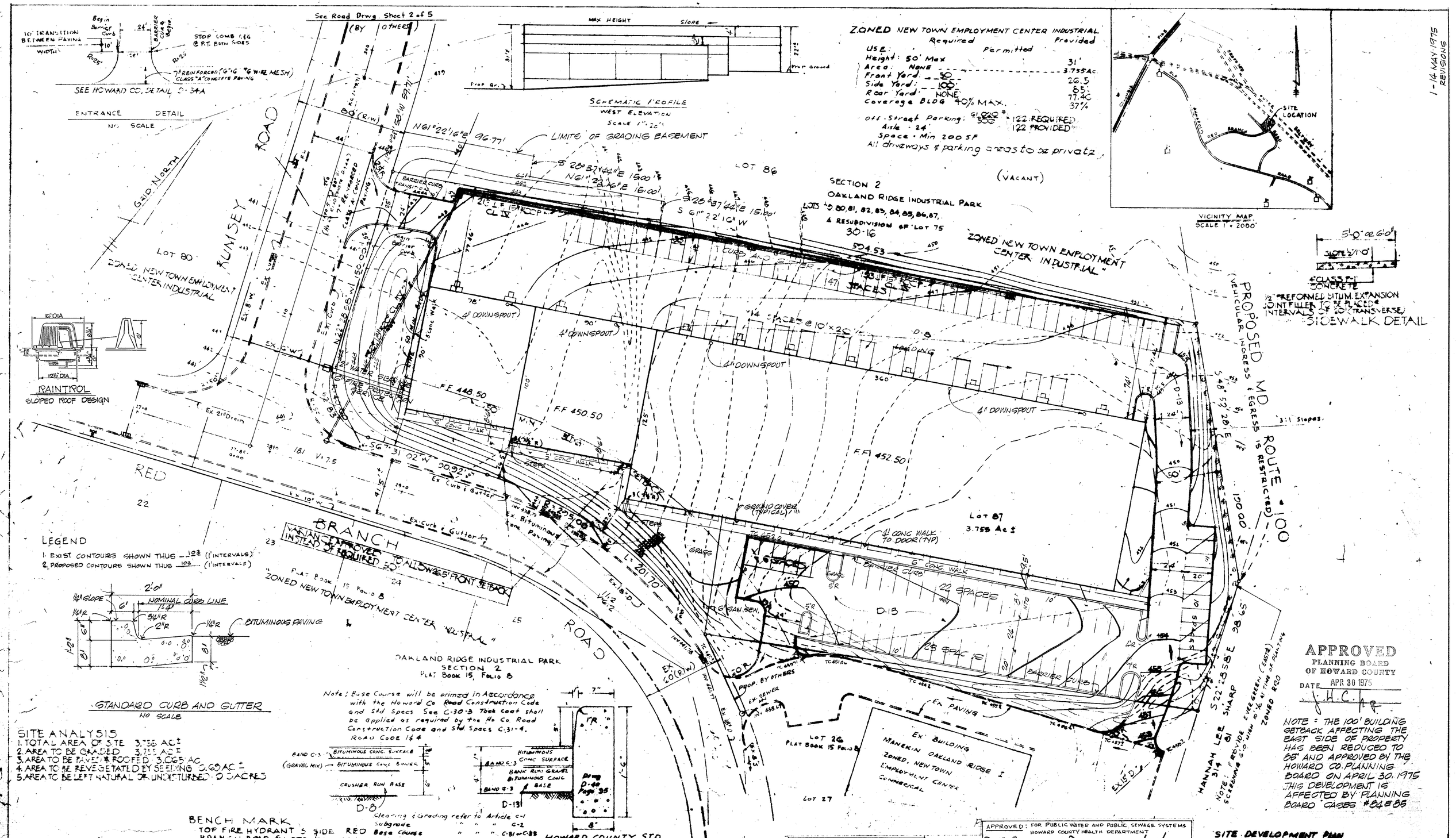
1-14 MAY 1975
REVISIONS



APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE APR 30 1975

NOTE: THE 100' BUILDING SETBACK AFFECTING THE EAST SIDE OF PROPERTY HAS BEEN REDUCED TO 85' AND APPROVED BY THE HOWARD CO. PLANNING BOARD ON APRIL 30, 1975. THIS DEVELOPMENT IS AFFECTED BY PLANNING BOARD CASES #84 & 85

FIELD RUN
TOPOGRAPHICAL SURVEY
10/74.

HUDKINS ASSOCIATES
ENGINEERS · SURVEYORS
231 JOSEPH SQUARE
COLUMBIA, MD.

STATE OF MARYLAND — HOWARD W. HUDKINS — No. 6674 — REGISTERED PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER

I, CERTIFY THAT THE 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 2/24/75

See Soil Erosion Plan for Overall Industrial Park Section 2. Prepared by Century Engineering, Inc. for H.R. & D. Corp. (Sheet 5 of 5 GP-75-08)

DEVELOPER

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 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 COUNTY SOIL CONSERVATION DISTRICT.

SIGNATURE — DATE 3/26/75

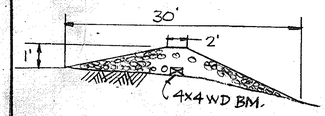
Reviewed for HOWARD Name S.C.D.
and meets Technical Requirements
Eric V. Hermen Date 6/6/75
Signature
U.S. Soil Conservation Services

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved Robert W. Zielke Date 6-6-75
Howard S.C.D.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 6/19/75
APPROVED
PLANNING DIRECTOR — DATE 6-19-75
CHIEF ENGINEER DIV. OF LAND DEVELOPMENT & TRANSPORTATION PLANNING — DATE 6/19/75
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 6-17-75
CHIEF BUREAU OF HIGHWAYS — DATE 6/10/75

SITE DEVELOPMENT PLAN
LOT 87 OAKLAND RIDGE INDUSTRIAL PARK, SECT. 2
COLUMBIA
2ND ELECT. DIST. HO. CO., MD.
TAX MAP: 45 30 BLOCK 30
PLAT BOOK: 30-16 FOLIO 17 PLANNING AREA
REVISED: 6/3/76 DOWNSPOUTS GRADING
DEVELOPER
MANEKIN CORPORATION
2 HOPKINS PLAZA
BALTO. MD. 21202
OWNER
MANEKIN CORP.
2 HOPKINS PLAZA
BALTO. MD. 21202
REV. JAN 1976
FEB 20, 1976
SCALE: 1" = 50'
DATE: DEC. 7, 1974
DRWG. NO. 1 OF 3
SDP-75-72C

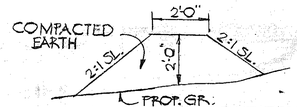
TRAP DESIGN DATA	#1	#2
DRAINAGE AREA	1.75 AC	2.27 AC
DISTURBED AREA	1.75 AC	2.20 AC
VOL. REQUIRED	117.3 CY	147.4 CY.
VOL. AVAILABLE	118 CY	151 CY.
SIZE OF TRAP	25'×40'×3.2'	30'×40'×3.4'
CLEANOUT ELEV.	442.5	438.9



GRAVEL ACCESS BERM

VEGATIVE COVER OPTIONS

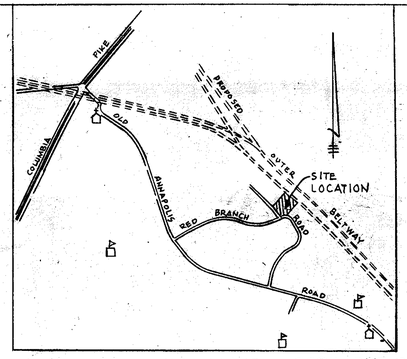
FEB. 1 TO MAY 1	1. SOD 2. SEED & MULCH
MAY 1 TO AUG. 15	1. SOD 2. MULCH, ANCHOR, TOOL THEN SEED DURING NEXT SEED PERIOD
AUG. 15 TO NOV. 1	1. SOD 2. SEED & MULCH
NOV. 1 TO FEB 1	1. SOD - DELAY UNTIL NEXT PERIOD IF GROUND IS FROZEN 2. MULCH, ANCHOR, TOOL THEN SEED DURING NEXT SEED PERIOD.



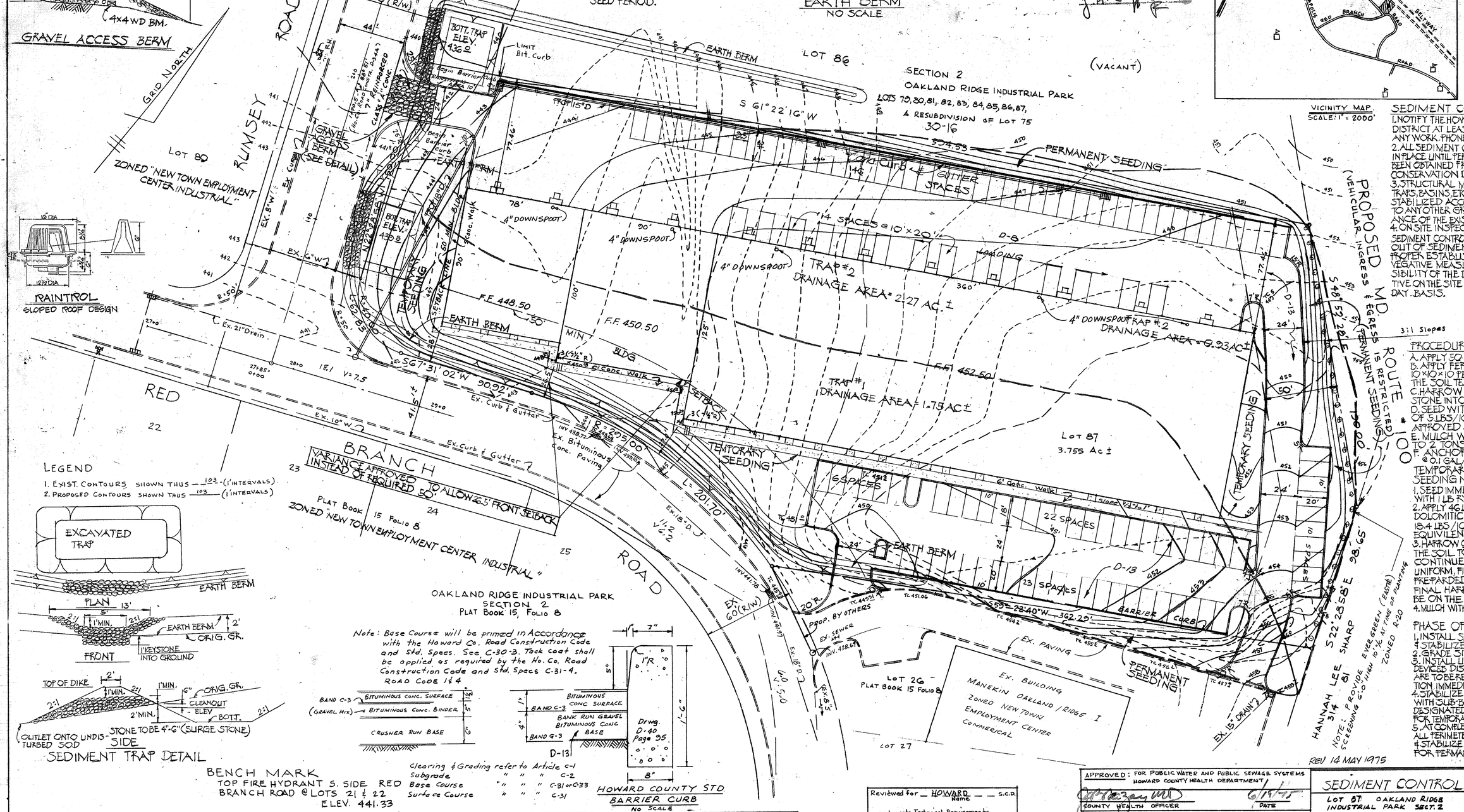
SEE SEED NOTES FOR STABILIZATION

EARTH BERM
NO SCALE

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
APR 30 1975
DATE
J. H. C.



VICINITY MAP
SCALE: 1" = 2000'



SEDIMENT CONTROL NOTES

1. NOTIFY THE HOWARD CO. SOIL CONSERVATION DISTRICT AT LEAST 24 HOURS BEFORE STARTING ANY WORK. PHONE 465-5000 EXT 328 OR 465-3180.
2. ALL SEDIMENT CONTROL DEVICES ARE TO REMAIN IN PLACE UNTIL PERMISSION FOR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD SOIL CONSERVATION DISTRICT.
3. STRUCTURAL MEASURES SUCH AS BERMS, DIKES, TRAPS, BASINS, ETC. WILL BE INSTALLED AND STABILIZED ACCORDING TO THE PLAN PRIOR TO ANY OTHER GRADING, CLEARING OR DISTURBANCE OF THE EXISTING SURFACE OF THE SITE.
4. ON SITE INSPECTION & MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES INCLUDING CLEAN OUT OF SEDIMENT TRAPS AND BERMS AND PROPER ESTABLISHMENT OF ALL PLANNED VEGATIVE MEASURES WILL BE THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTITIVE ON THE SITE ON A CONTINUING DAY TO DAY BASIS.

PROCEDURE - PERMANENT SEEDING

A. APPLY 50 LBS/1000 SF OF LIMESTONE
B. APPLY FERTILIZER @ RATE OF 25 LBS. OF 10×10×10 PER 1000 SF DEPENDING ON THE SOIL TEST.
C. HARROW OR DISC. FERTILIZER & LIMESTONE INTO SOIL TO DEPTH OF 3 IN.
D. SEED WITH KY 31 TALL FESCUE AT RATE OF 5 LBS/1000 SF OR OTHER S.C.S. APPROVED SEEDING PLAN.
E. MULCH WITH SMALL GRAIN STRAW 1.5 TO 2 TONS PER ACRE (75#-90#/1000 SQ. FT.)
F. ANCHOR MULCH, W/SPAYED ASPHALT @ 0.1 GAL/SQ. YD.

TEMPORARY SEEDING & SEEDING NOTES FOR BERMS

1. SEED IMMEDIATELY UPON CONSTRUCTION WITH 1 LB RYE GRASS PER 1000 SF
2. APPLY 46 LBS/1000 SF OF PULVERIZED DOLOMITIC LIMESTONE AND 11.5 LBS TO 18.4 LBS/1000 SF OF 10×10×10 OR EQUIVILENT FERTILIZER.
3. HARROW OR DISC. LIME & FERTILIZER INTO THE SOIL TO A DEPTH OF AT LEAST 3 IN. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE FIRM SEEDBED HAS BEEN PREPARDED. ON SLOPING LAND THE FINAL HARROWING OR DISCING SHOULD BE ON THE CONTOUR.
4. MULCH WITH STRAW @ 75#/1000 SQ. FT.

PHASE OF CONSTRUCTION

1. INSTALL SEDIMENT CONTROL DEVICES & STABILIZE WITH TEMPORARY SEEDING.
2. GRADE SITE TO SUBGRADE.
3. INSTALL UTILITIES. ALL SEDIMENT CONTROL DEVICES DISTURBED DURING INSTALLATION ARE TO BE RESTORED TO STABILIZED CONDITION IMMEDIATELY.
4. STABILIZE PAVED AREAS & BUILDING AREA WITH SUBBASE MATERIALS. STABILIZE DESIGNATED AREAS FOLLOWING PROCEDURES FOR TEMPORARY & PERMANENT SEEDING.
5. AT COMPLETION OF CONSTRUCTION, REMOVE ALL PERIMETER SEDIMENT CONTROL DEVICES & STABILIZE FOLLOWING PROCEDURES FOR PERMANENT SEEDING

REV 14 MAY 1975

Reviewed for HOWARD (Name) S.C.D. and meets Technical Requirements
Eric V. Clawson (Signature) Date 6/6/75
U.S. Soil Conservation Services

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved Robert O. Zellers Howard S.C.D. Date 6-6-75

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 6/17/75
APPROVED: PLANNING DIRECTOR — DATE 6-19-75
CHIEF ~~ENGINEER~~ DIV. OF LAND DEVELOPMENT — DATE 6/11/75
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 6-17-75
CHIEF BUREAU OF HIGHWAYS — DATE 6/10/75

SEDIMENT CONTROL PLAN

LOT 87 OAKLAND RIDGE INDUSTRIAL PARK SECT. 2
COLUMBIA 2ND ELECT. DIST. HO. CO., MD.
TAX MAP: NE 30 PARCEL 302
PLAT BOOK: 30-16 DEED OFFICE

DEVELOPER
MANEKIN CORPORATION
2 HOPKINS PLAZA
BALTO, MD. 21202

OWNER
MD. R. ASSOC.
2 HOPKINS PLAZA
BALTO MD 21202

T.M. NICHOLS, AIA
ARCHITECT
BALTIMORE, 21227

DRAWN BY	CHECKED BY	RECORD NO.	REV. JAN 3, 1975	REV 6/13/75
SCALE: 1" = 30'		DRWG. NO. 2 OF 3	FEB 20, 1975	DOWNSPOUTS GROUNDING
DATE: DEC. 7, 1974			F.D.P. PHASE 2B-A	

FIELD RUN TOPOGRAPHICAL SURVEY 10/74.

HUDKINS ASSOCIATES
ENGINEERS · SURVEYORS
231 JOSEPH SQUARE
COLUMBIA, MD.

PROFESSIONAL ENGINEER

I, CERTIFY THAT THE 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 1/6/75

See Soil Erosion Plan for Overall Industrial Park Section 2. Prepared by Century Engineering, Inc. for H. R. & D. Corp. (Sheet 5 of 5 GP-75-08).

DEVELOPER

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 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 COUNTY SOIL CONSERVATION DISTRICT.

SIGNATURE — DATE 3/26/75

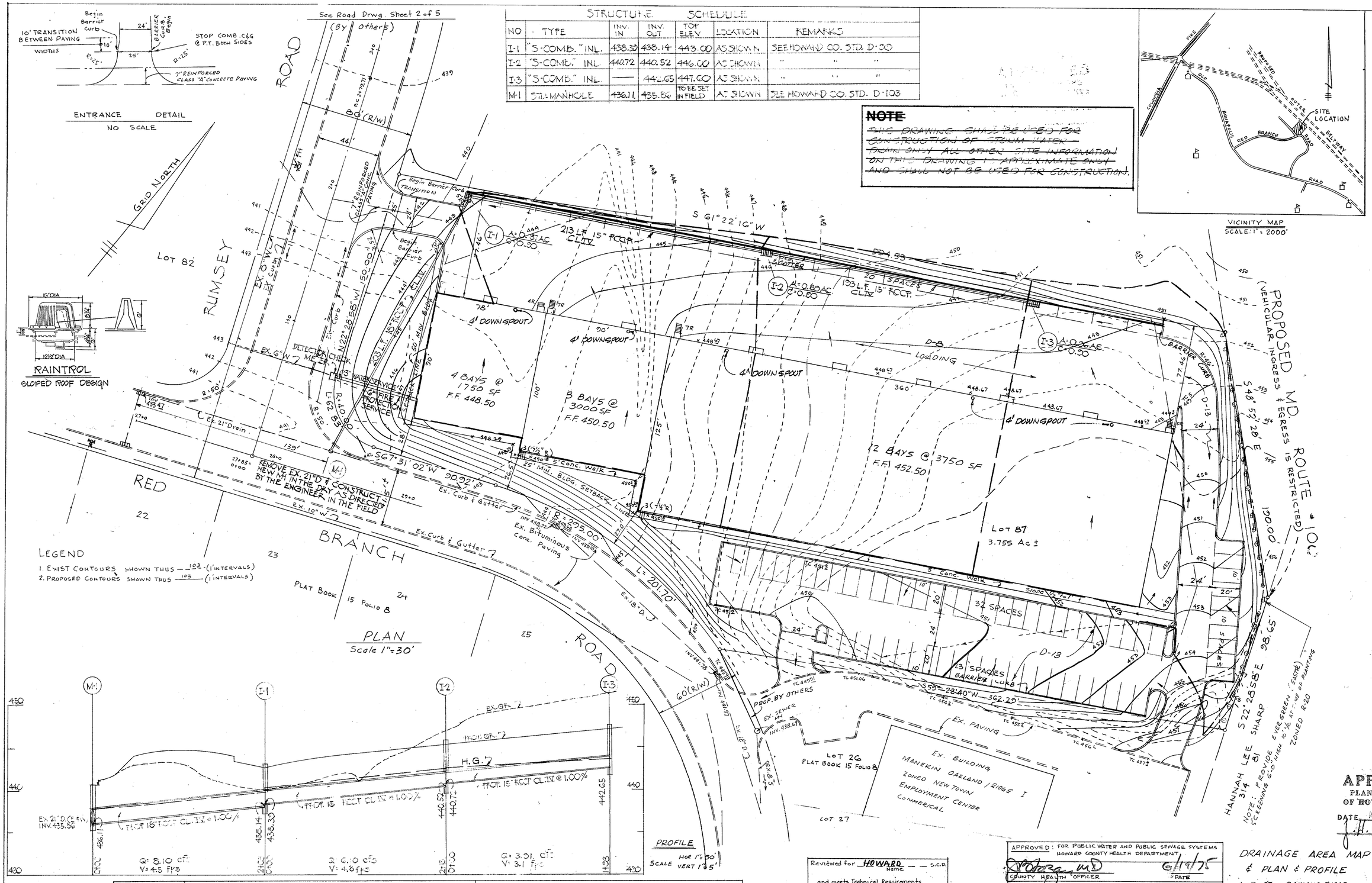
SDP-75-72C

1. 14 MAY 1975 REVISIONS

STRUCTURE SCHEDULE						
NO	TYPE	INV. IN	INV. OUT	TOP ELEV.	LOCATION	REMARKS
I-1	"S-COMB." INL.	438.30	438.14	443.00	AS SHOWN	SEE HOWARD CO. STD. D-90
I-2	"S-COMB." INL.	440.72	440.52	446.00	AS SHOWN	" " "
I-3	"S-COMB." INL.	—	442.65	447.00	AS SHOWN	" " "
M-1	STD. MANHOLE	436.11	435.80	TO BE SET IN FIELD	AS SHOWN	SEE HOWARD CO. STD. D-103

~~NOTE~~

~~THIS DRAWING SHALL BE USED FOR CONSTRUCTION OF STORM WATER DRAIN ONLY. ALL OTHER SITE INFORMATION ON THIS DRAWING IS APPROXIMATE ONLY AND SHALL NOT BE USED FOR CONSTRUCTION.~~



APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE APR 30 1975

DRAINAGE AREA MAP
& PLAN & PROFILE

LOT 87 OAKLAND RIDGE
INDUSTRIAL PARK SECT. 2
COLUMBIA
2ND ELECT. DIST Ho. Co., MD.
TAX MAP: NO 30 PARCEL 302
PLAT BOOK: - DEED OFFICE

FIELD RUN
TOPOGRAPHICAL SURVEY
10/74.

HUDKINS ASSOCIATES
ENGINEERS · SURVEYORS
231 JOSEPH SQUARE
COLUMBIA, MD.

STATE OF MARYLAND — HOWARD J. HUDKINS — No. 1857 — PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER

I, CERTIFY THAT THE 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 2-26-75

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DEVELOPER

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SIGNATURE — DATE 3/20/75

Reviewed for HOWARD Name S.C.D. and meets Technical Requirements
Signature
Date 6/6/75
U.S. Soil Conservation Services

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved Robert W. Zickw Date 6-6-75
HOWARD S.C.D.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 6/19/75
APPROVED
PLANNING DIRECTOR — DATE 6-19-75
CHIEF ~~ENGINEER~~ DIV. OF LAND DEVELOPMENT & TRANS. PLAN — DATE 6/19/75
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 6-17-75
CHIEF BUREAU OF HIGHWAYS — DATE 6/10/75

DRAWN BY	CHECKED BY	RECORD NO.
SCALE: AS SHOWN		DRWG. NO. 3 OF 3
DATE: DEC. 7, 1974		

REVISED: 6/3/75 · DOWNSPOUTS GRADING

SDP-75-72C