

SHEET INDEX	
NO	DESCRIPTION
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# SITE DEVELOPMENT PLAN

## A REVISION OF SDP-87-13

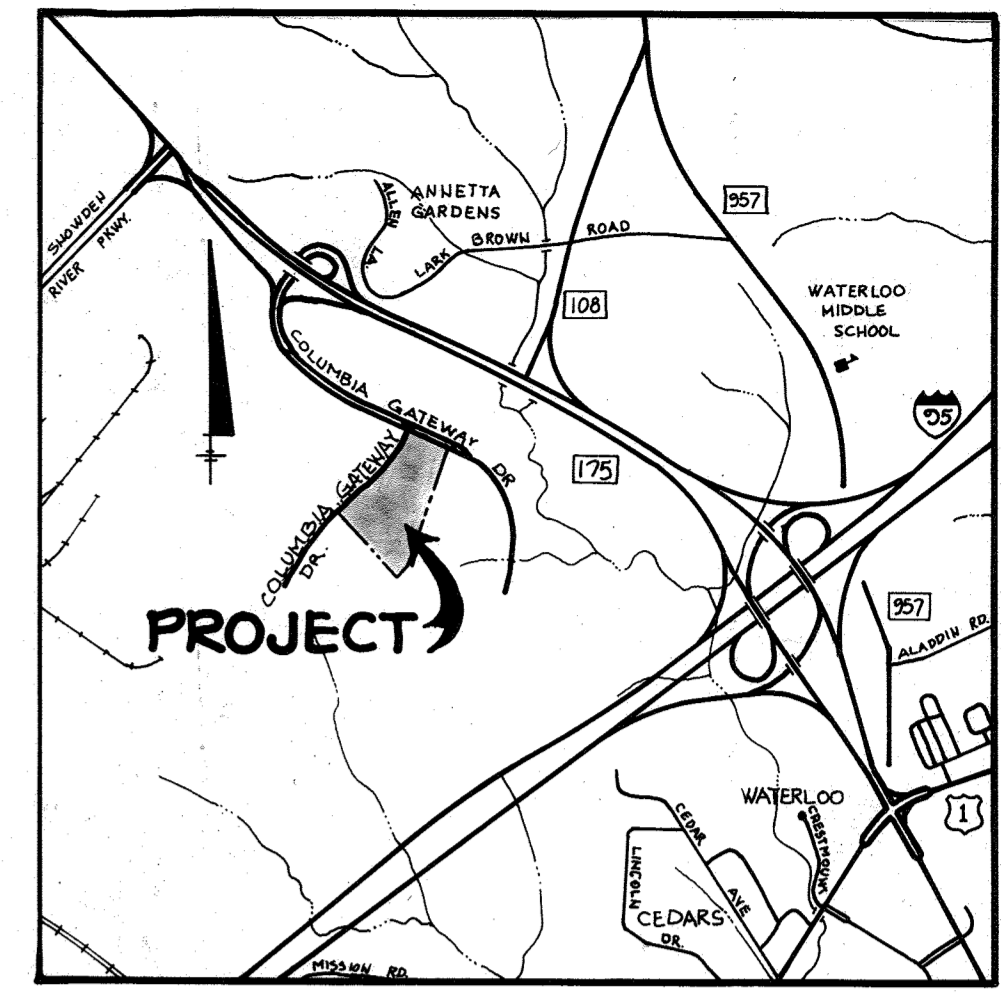
# FOX RUN

# COLUMBIA GATEWAY

## PARCEL F

## 6TH ELECTION DISTRICT

# HOWARD COUNTY, MARYLAND



**GENERAL NOTES**

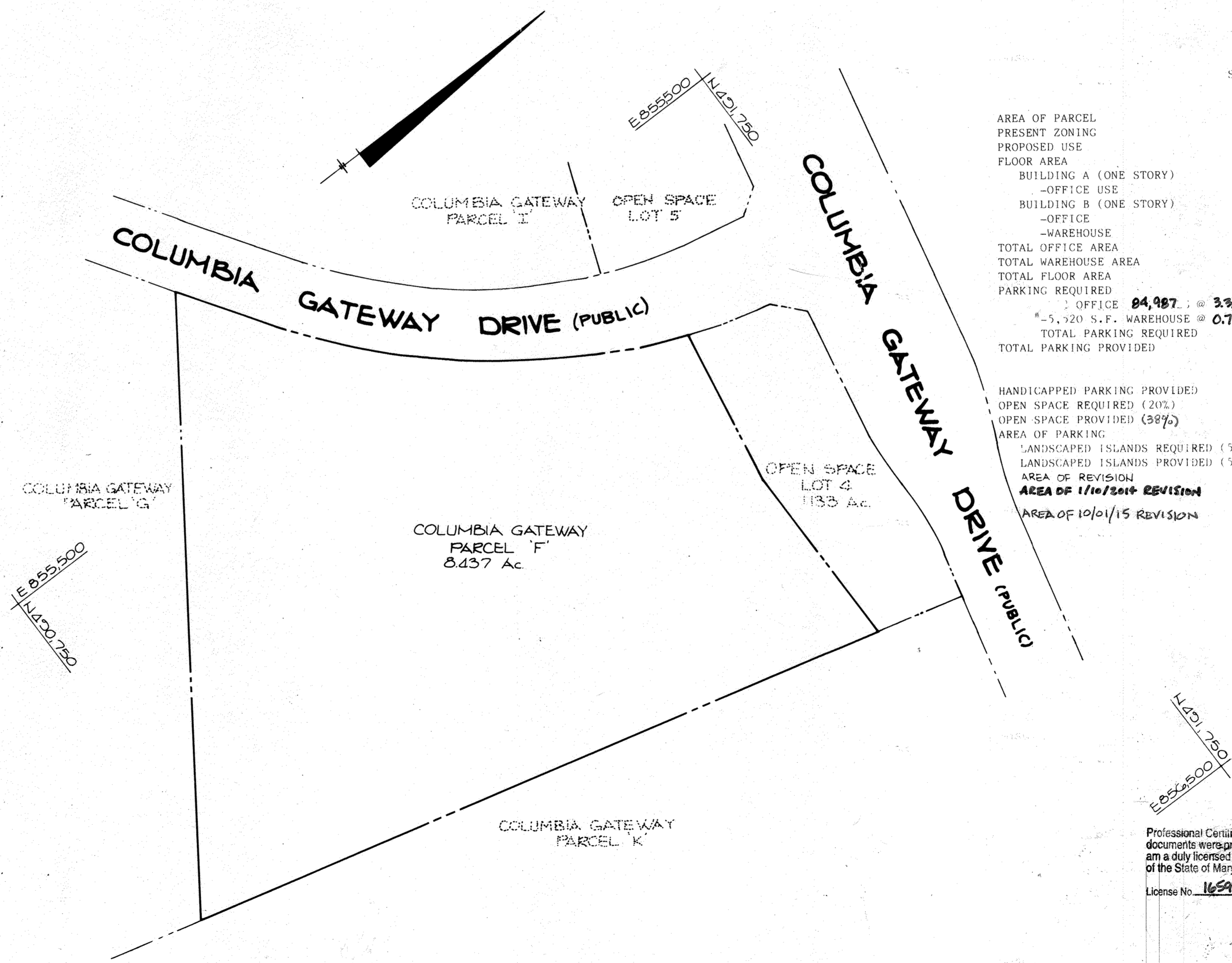
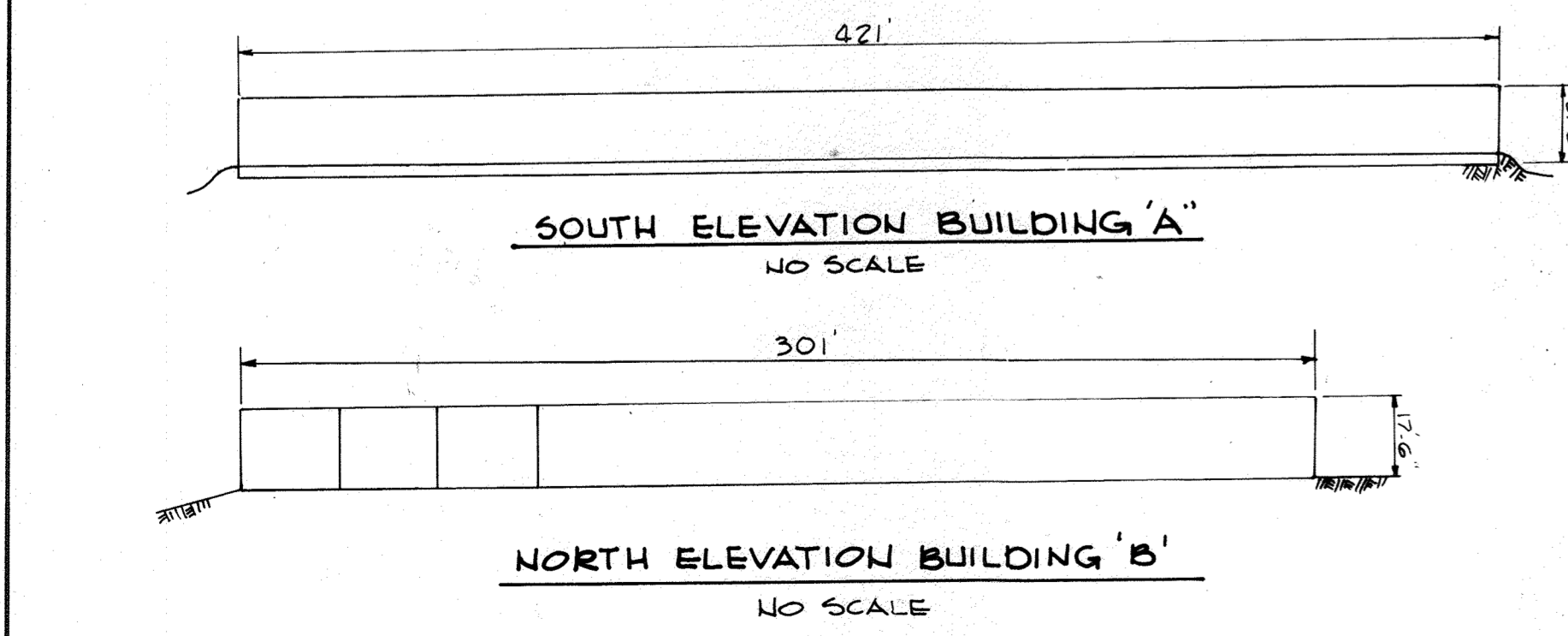
- ALL WATER LINES SHALL BE CONSTRUCTED A MINIMUM OF 42" COVER BELOW FINISHED GRADE.
- CORRUGATED STEEL PIPE SECTIONS WILL BE JOINED WITH A SINGLE OR TWO PIECE CORRUGATED BAND WITH A WATERTIGHT NEOPRENE GASKET. DIMPLE BAND CONNECTORS WILL NOT BE PERMITTED.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOL. IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS TO VERIFY THEIR LOCATION AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF LOCATION OF UTILITIES IS OTHER THAN SHOWN.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK ON THESE DRAWINGS:

MISS UTILITY 1-599-0100  
 C&P TELEPHONE COMPANY 1-800-257-7777  
 HOWARD COUNTY BUREAU OF UTILITIES 792-2366  
 AT&T CABLE LOCATION DIVISION 793-3553  
 BALTIMORE GAS AND ELECTRIC COMPANY 485-0123  
 STATE HIGHWAY ADMINISTRATION 531-5533  
 HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION (24 HOURS NOTICE PRIOR TO COMMENCEMENT OF WORK) 792-7272

- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT  $\Delta$  ELEVATIONS.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT TO SUBGRADE.
- EXISTING CONTOURS ARE BASED ON THE GRADING PLAN PROPOSED BY H.R.D. FOR COLUMBIA GATEWAY DATED MARCH, 1986.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL STORM DRAIN PIPE BEDDING SHALL BE AS SHOWN IN DETAIL 62-01 (TRENCH IN ROCK OR TRENCH IN EARTH AS DETERMINED BY FIELD CONDITIONS) IN VOL. IV OF HOWARD COUNTY DESIGN MANUAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS SHOWN ON THE DRAWINGS.
- THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR THE SEDIMENT AND EROSION CONTROL PRACTICES, STORM WATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORM WATER ONTO OR ACROSS ADJACENT OR DOWNSTREAM PROPERTIES INCLUDED IN THIS PLAN. HE IS ALSO RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR GRADING AND/OR WORK ON ADJACENT PROPERTIES INCLUDED IN THIS PLAN.

16. The owner shall provide a separate and independent sewer connection for each tenant or occupant of any building, shown on the Site Development Plan, who will discharge non-domestic waste to the public sewerage system if this waste is regulated under Section 18.122A of the Howard County Code. Each separate and independent sewer connection shall include a standard manhole and other waste pretreatment devices as required and approved by Howard County. Waste lines on the interior of the building shall be designed, constructed or modified such that non-domestic waste will be discharged to the separate and independent sewer connection. No tenant or occupant of any building shown on this Site Development Plan shall discharge regulated non-domestic waste to the public sewerage system prior to installation of the separate and independent sewer connection and related interior waste lines. The above requirements shall apply to all initial and future occupants or tenants.

17. SDP-88-33 IS A REVISION TO THE APPROVED SDP-87-13. THE REVISIONS INCLUDED ADDITION OF WALKWAY LINK BETWEEN BUILDING 'A' AND BUILDING 'B', A WALKWAY WITH TRELLIS LIGHTING AND REVISING THE PARKING BEHIND BUILDING 'A' AND 'B'. SDP-88-33 INCLUDES COMPACT CAR PARKING STALLS IN ADDITION TO THE REQUIRED REGULAR PARKING SPACES.



**SITE TABULATION**

AREA OF PARCEL	8.44 AC. (367,646 S.F.)
PRESENT ZONING	M-1
PROPOSED USE	OFFICE & WAREHOUSE
FLOOR AREA	
BUILDING A (ONE STORY)	58,962 S.F.
-OFFICE USE	31,545 S.F.
BUILDING B (ONE STORY)	26,025 S.F.
-OFFICE	5,520 S.F.
-WAREHOUSE	64,907 S.F.
TOTAL OFFICE AREA	3,520 S.F.
TOTAL WAREHOUSE AREA	90,507 S.F.
TOTAL FLOOR AREA	
PARKING REQUIRED	
OFFICE	84,987 @ 3 1/2/1000 SF
WAREHOUSE	5,520 @ 0.75/1000 SF
TOTAL PARKING REQUIRED	281 SPACES
TOTAL PARKING PROVIDED	286 SPACES
HANDICAPPED PARKING PROVIDED	176 (REGULAR 9'x20')
OPEN SPACE REQUIRED (20%)	176 (COMPACT 8 1/2'x18')
OPEN SPACE PROVIDED (38%)	7 SPACES
AREA OF PARKING	73,529 S.F.
LANDSCAPED ISLANDS REQUIRED (5%)	140,418 S.F.
LANDSCAPED ISLANDS PROVIDED (5.22%)	137,482 S.F.
AREA OF REVISION	6,874 S.F.
AREA OF 10/15/15 REVISION	7,101 S.F.
AREA OF 10/15/15 REVISION	2.15 AC
	0.08 AC
	0.336 AC

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
 James M. DeLong, M.D., F.C.C.P.  
 COUNTY HEALTH OFFICER  
 DATE: 9-12-88

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
 [Signature]  
 PLANNING DIRECTOR  
 DATE: 7.22.88

APPROVED: [Signature]  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 DATE: 9-23-88

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS.  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 [Signature]  
 DIRECTOR  
 DATE: 9/1/88

[Signature]  
 CHIEF, BUREAU OF ENGINEERING  
 DATE: 9-9-88

10/01/15: ADDITION OF AN OPEN SPACE AREA WITHIN THE EXISTING PARKING LOT.  
 1/10/14: NEW PATIO, SIDEWALK IMPROVEMENTS, VESTIBULE  
 DATE NO REVISION

OWNER/DEVELOPER  
 ROUSE ASSOCIATES  
 5950 SYMPHONY WOODS OFFICE CENTER  
 SUITE 300  
 COLUMBIA, MARYLAND 21044  
 PHONE: (301) 740-0200

PROJECT: MARYLAND NATIONAL BANK / FOX RUN  
 (A REVISION OF SDP-87-13)  
 AREA TAX MAP NO. 43 PARCEL F  
 COLUMBIA GATEWAY PLAT NO. 6771  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

TITLE: TITLE SHEET

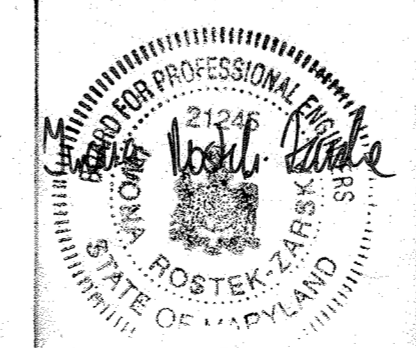
THE RIEMER GROUP, INC.  
 The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm  
 3105 Heath Park Drive, Ellicott City, Maryland 21043 (301) 461-2890

7.28.88  
 DATE  
 DESIGNED BY: J.D.P.  
 DRAWN BY: F.D.M.  
 PROJECT NO: 31006  
 DATE: JULY 28, 1988  
 SCALE: AS SHOWN  
 DRAWING NO. 1 OF 2

[Signature]  
 ARTHUR E. MUEGGE #8767

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2016.

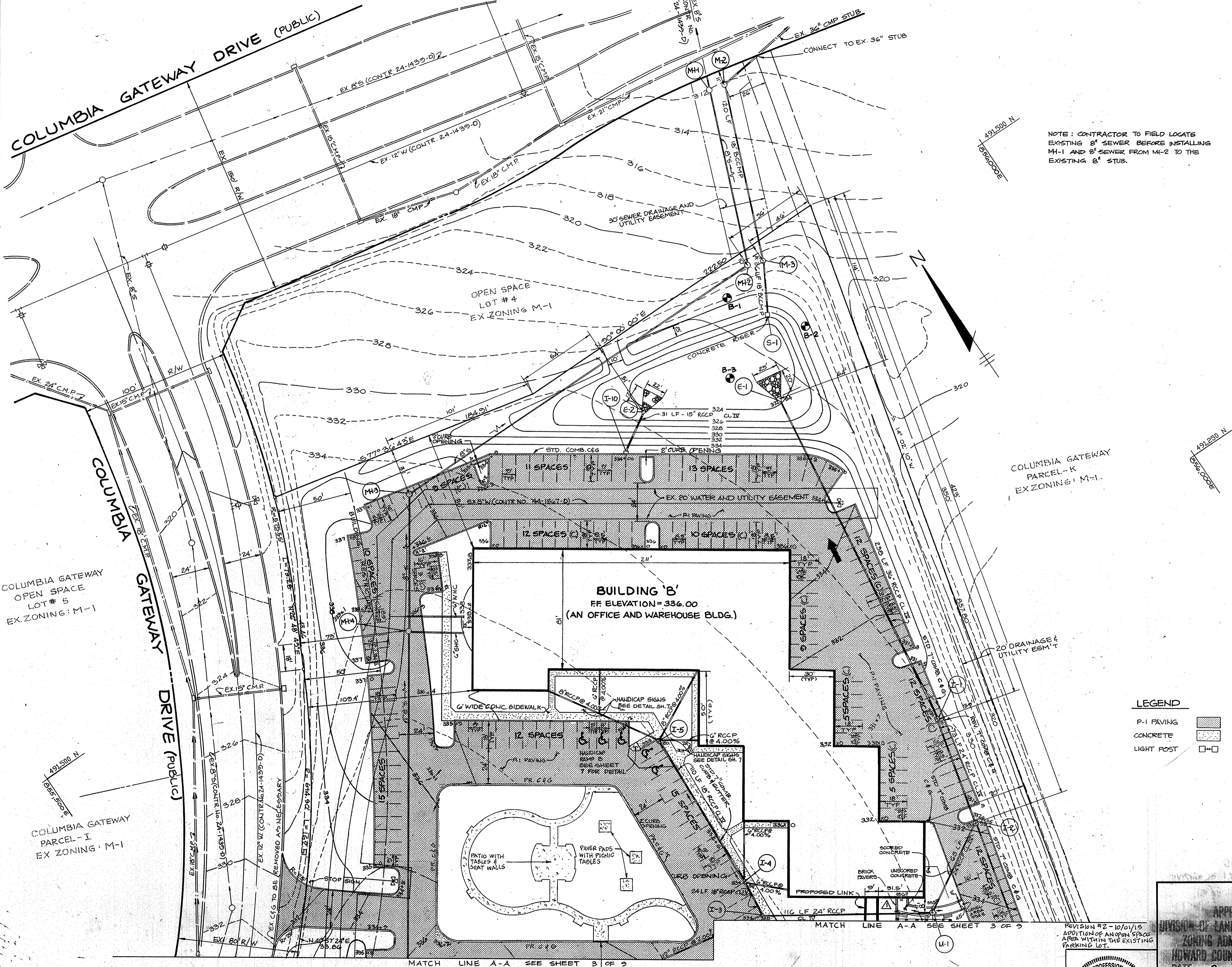
REVISION #2 - 10/01/15  
 ADDITION OF AN OPEN SPACE AREA WITHIN THE EXISTING PARKING LOT.



ADDRESS CHART	
BUILDING	STREET ADDRESS
A	7178 COLUMBIA GATEWAY DRIVE
B	7180 COLUMBIA GATEWAY DRIVE

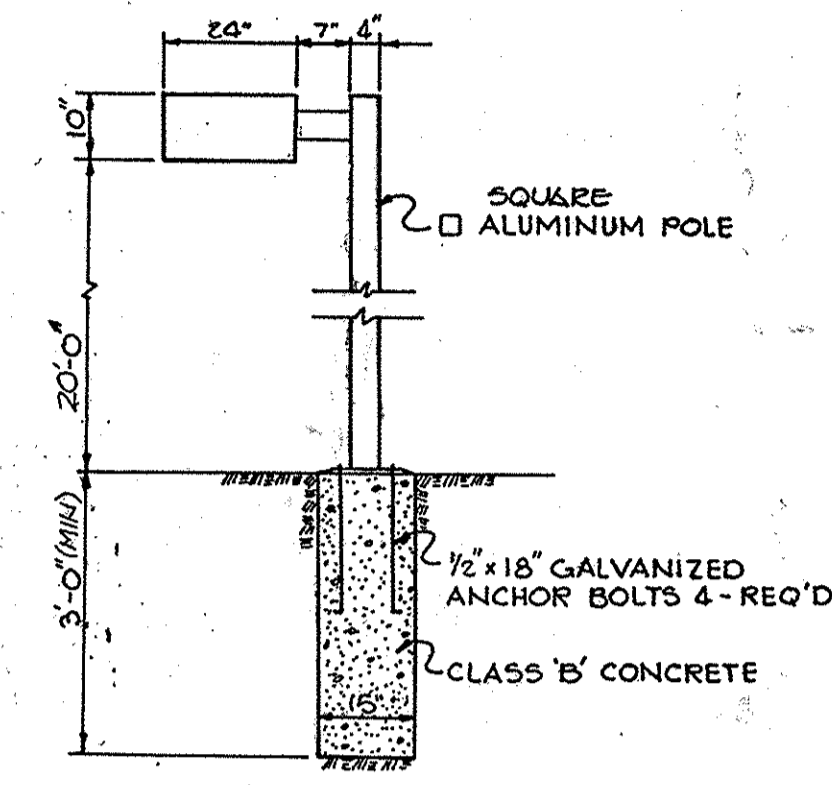
SUBDIVISION NAME	SECT./AREA	PARCEL #
COLUMBIA GATEWAY		F
PLAT # OR E/F	BLOCK #	ZONE
6771	1	M-1
TAX MAP	ELBC. DIST.	CENSUS TR.
43	6TH	20065.02
WATER CODE	SEWER CODE	
EOG	33000000	

APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE: 9-10-87



NOTE: CONTRACTOR TO FIELD LOCATE EXISTING 8" SEWER BEFORE INSTALLING MH-1 AND 8" SEWER FROM MH-2 TO THE EXISTING 8" STUB.

- NOTES:
- ALL LIGHT FIXTURES TO BE SINGLE LUMINAIRE 400 WATT MERCURY TYPE 20 HIGH WITH METAL POLES AND DIRECTED DOWNWARD.
  - LOCATIONS OF LIGHT FIXTURES ARE ON THE PLAN AND ARE SHOWN THIS WAY.
  - LIGHTS TO BE MODULE II TYPE AS MANUFACTURED BY MOLDCAST OR APPROVED EQUAL.
  - POLE AND FIXTURE TO HAVE BLACK POLYESTER ENAMEL FINISH.
  - POLE TO BE LOCATED 3' BACK FROM BACK OF CURB.



**LIGHT DETAIL**  
No Scale

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

*James M. Boylan* COUNTY HEALTH OFFICER 9-12-88 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

*U. R. ...* PLANNING DIRECTOR 9-22-88 DATE

*Frank J. ...* CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT 9-21-88 DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*James ...* DIRECTOR 9/1/88 DATE

*...* CHIEF, BUREAU OF ENGINEERING 9-9-88 DATE

ADDED LINK

OWNER/DEVELOPER

ROUSE & ASSOCIATES  
3950 SYMPHONY WOODS OFFICE CENTER  
SUITE 300  
COLUMBIA, MARYLAND 21044  
PHONE: (301)-740-0200

PROJECT: MARYLAND NATIONAL BANK / FOX RUN  
(A REVISION OF SDP-87-13)

AREA TAX MAP NO. 43 COLUMBIA GATEWAY PLAT NO. 6771  
6TH ELECTION DISTRICT HOWARD COUNTY MARYLAND

**SITE DEVELOPMENT PLAN**

**THE RIEMER GROUP, INC.**

The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm  
3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690

7-28-88 DATE

DESIGNED BY: J.D.P.

DRAWN BY: D.O.B.

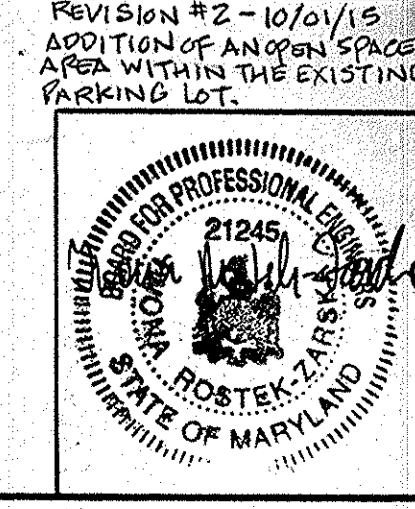
PROJECT NO: 31906

DATE: JULY 28, 1988

SCALE: AS SHOWN

DRAWING NO. 2 OF 2

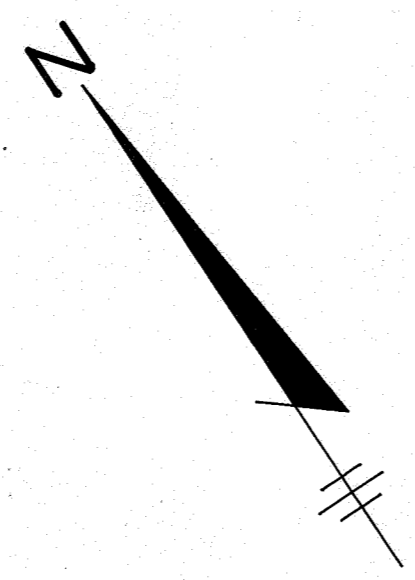
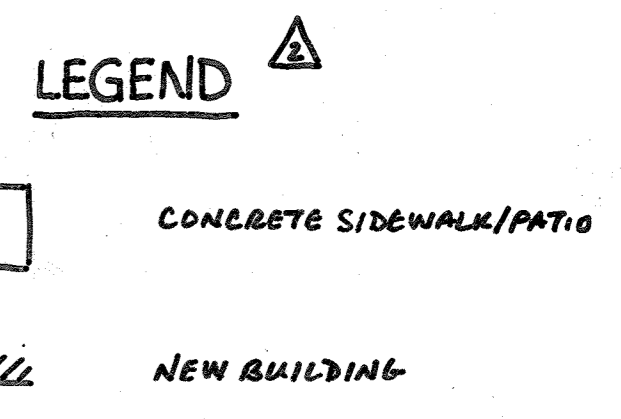
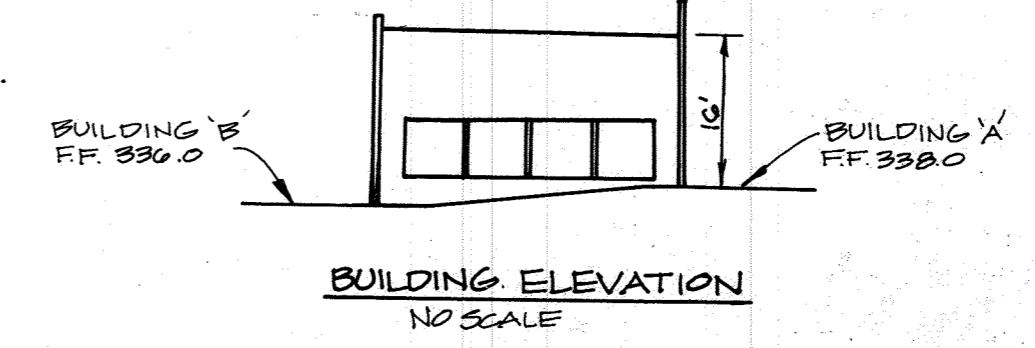
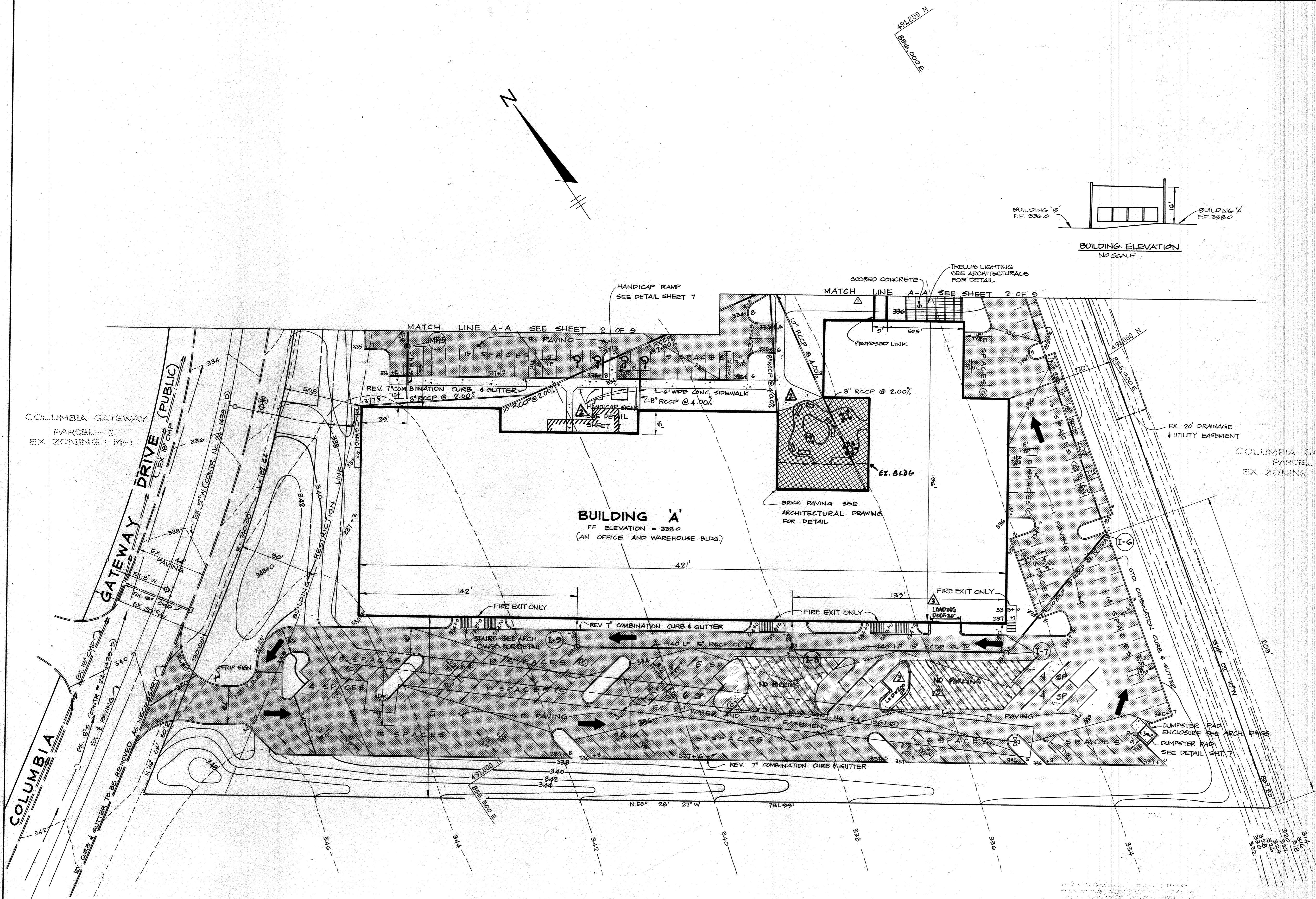
APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 9-10-87



**PROFESSIONAL CERTIFICATION**  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 21245 EXPIRATION DATE: JUNE 9, 2016.

NOTE: ALL RADII ARE 5' UNLESS OTHERWISE NOTED

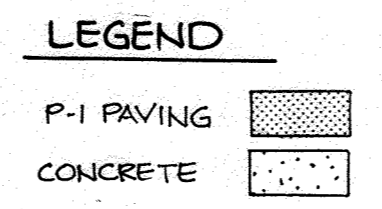
**PLAN**  
SCALE: 1" = 30'



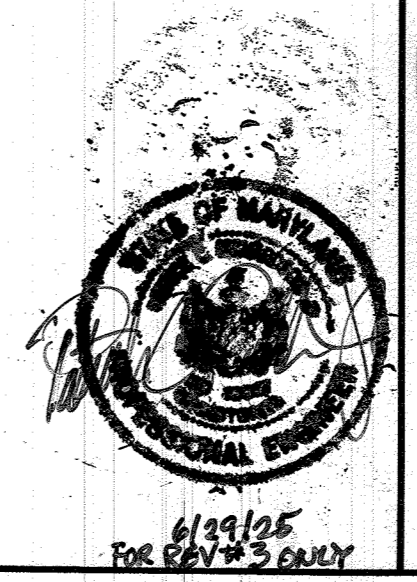
**BUILDING 'A'**  
FF ELEVATION = 338.0  
(AN OFFICE AND WAREHOUSE BLDG.)

**PLAN**  
SCALE: 1" = 30'

NOTE: ALL RADII ARE 5' UNLESS OTHERWISE NOTED  
 THE LOD OF 200 SF IS EXEMPT FROM PROVIDING STORMWATER MANAGEMENT AS IT IS LESS THAN 5,000 SF. ANY FUTURE CUMULATIVE INCREASE IN LOD EXCEEDING 5,000 SF, THEN STORMWATER MANAGEMENT WILL BE REQUIRED.



Professional Certification, I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
 License No. 16597, Expiration Date: 8/15/25

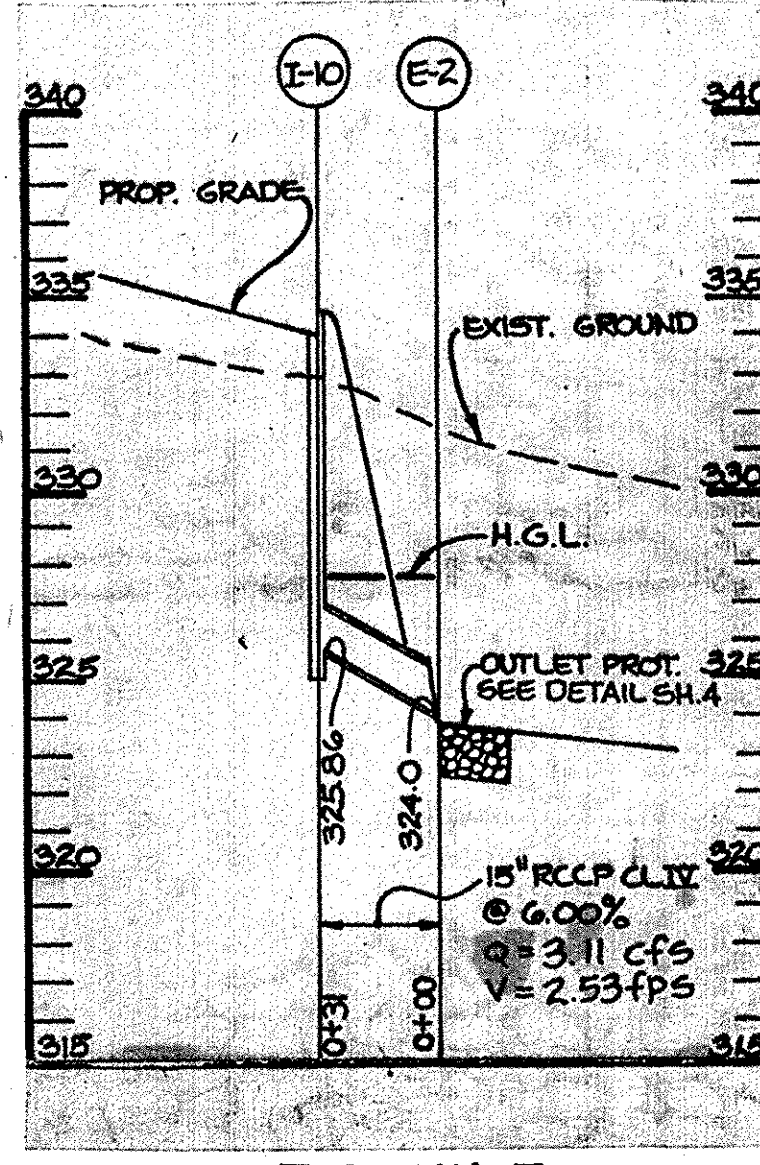
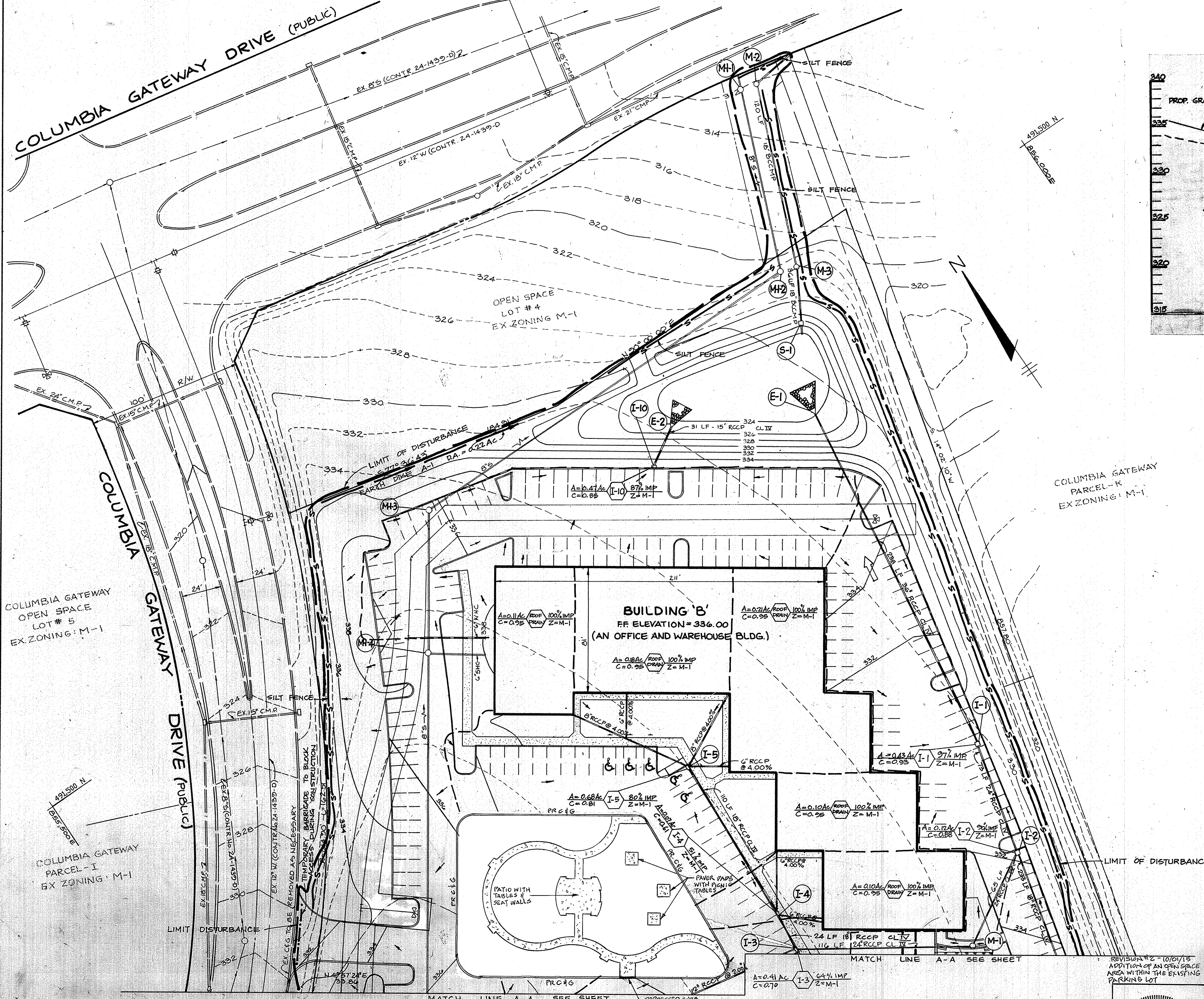


APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 9-10-87

6/21/83 3 ADD LOADING DOCK AND REMOVING PARKING	
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	
John M. Boyd, M.D., P.E. COUNTY HEALTH OFFICER	9-12-88 DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.	
W.R.S. PLANNING DIRECTOR	9-22-88 DATE
Wanda S. McLaughlin CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	9-21-88 DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
James B. Quinn DIRECTOR	9-10-88 DATE
William B. Ray CHIEF, BUREAU OF ENGINEERING	9-9-88 DATE
1/10/82 2 NEW PATIO, SIDEWALK IMPROVEMENTS, VESTIBULE	
ADDED LINK	
DATE NO.	REVISION
OWNER/DEVELOPER	
ROUSE & ASSOCIATES 5950 SYMPHONY WOODS OFFICE CENTER SUITE 300 COLUMBIA, MARYLAND 21044 PHONE: (301)-740-0200	
PROJECT:	
MARYLAND NATIONAL BANK/ FOX RUN (A REVISION OF SDP-87-13)	
AREA TAX MAP NO. 43	PARCEL: F
COLUMBIA GATEWAY FLAT NO. 6771 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE:	
SITE DEVELOPMENT PLAN	

THE RIEMER GROUP, INC.	
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm 3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690	
7-28-88 DATE	
DESIGNED BY: J.D.P.	
DRAWN BY: D.B.S.	
PROJECT NO: 31506	
DATE: JULY 28, 1988	
SCALE: AS SHOWN	
DRAWING NO. 3 OF 9	

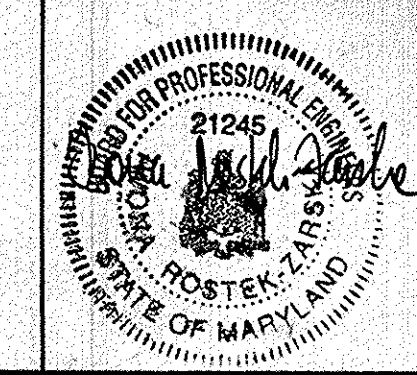
SDP-88-33



**PROFILE**  
SCALE: HOR. 1" = 50'  
VERT. 1" = 5'

**PLAN**  
SCALE: 1" = 30'

**PROFESSIONAL CERTIFICATION**  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2016.



APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 9-10-87

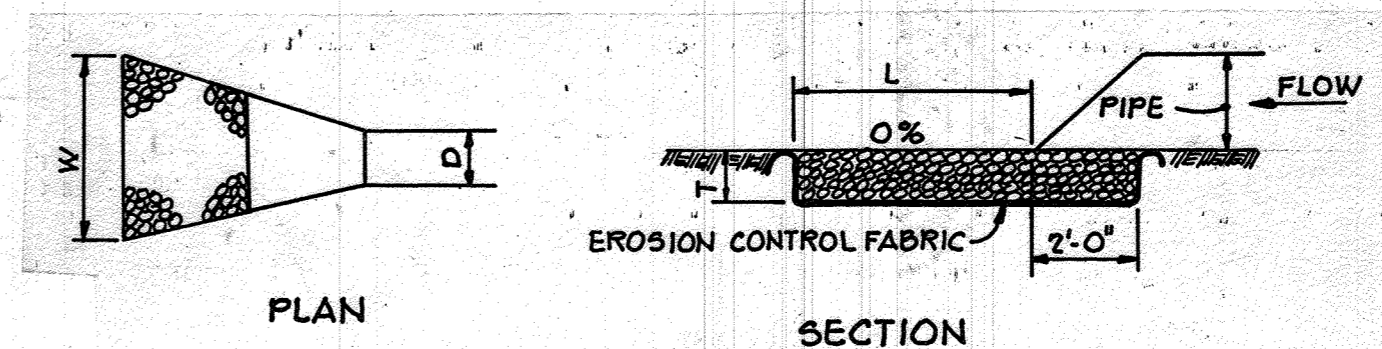
BY THE DEVELOPER:	
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN 'AS-BUILT' PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."	8-2-88 DATE
BY THE ENGINEER:	
"I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN 'AS-BUILT' PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."	7-28-88 DATE
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.	
APPROVED: [Signature] 8/24/88 DATE	
THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.	
APPROVED: [Signature] 8/24/88 DATE	
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	
APPROVED: [Signature] 9-12-88 DATE	
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.	
APPROVED: [Signature] 9-22-88 DATE	
APPROVED: [Signature] 9-21-88 DATE	
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	
APPROVED: [Signature] 9-9-88 DATE	
APPROVED: [Signature] 9-9-88 DATE	
DATE	REVISION
OWNER/DEVELOPER ROUSE & ASSOCIATES 5950 SYMPHONY WOODS OFFICE CENTER SUITE 300 COLUMBIA, MARYLAND 21044 PHONE: (301)-740-0200	
PROJECT: MARYLAND NATIONAL BANK/FOX RUN (A REVISION OF SDF-87-13)	
AREA: TAX MAP NO. 42 COLUMBIA GATEWAY PLAT NO. 67TH 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE: DRAINAGE AREA, GRADING AND SEDIMENT CONTROL PLAN	
THE RIEMER GROUP, INC. The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm 3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690	
DATE: 7-28-88	DESIGNED BY: J.D.P.
DATE: 9-10-87	DRAWN BY: D.B.S.
	PROJECT NO: 31906
	DATE: JULY 28, 1988
	SCALE: AS SHOWN
	DRAWING NO. 4 OF 9

STRUCTURE SCHEDULE					
NO.	TYPE	INV. IN	INV. OUT	ELEVATION	REMARKS
				Ground or Grate	
I-1	'S' Inlet	324.73	323.73	331.00	Ho. Co. Std. SD 4.32
I-2	'S' Comb. Inlet	325.20 (24")	325.10	332.05	Ho. Co. Std. SD 4.01
I-3	Double 'S' Inlet	327.61	327.11	334.00	Ho. Co. Std. SD 4.34
I-4	A-5 Inlet	328.95	327.85	334.85*	Ho. Co. Std. SD 4.01
I-5	'S' Comb.	329.03	329.03	334.00	Ho. Co. Std. SD 4.32
I-6	'S' Comb.	326.87	326.77	333.80	Ho. Co. Std. SD 4.22
I-7	'S' Inlet w/ Ret. Grate	327.64	327.39	333.30	Ho. Co. Std. SD 4.22
I-8	'S' Inlet w/ Ret. Grate	328.44	328.34	333.30	Ho. Co. Std. SD 4.22
I-9	'S' Inlet w/ Ret. Grate	—	329.14	333.00	Ho. Co. Std. SD 4.22
M-1	4" Dia. Manhole	325.95	325.85	335.00	Ho. Co. Std. G 5.01
M-2	5" Dia. Manhole	303.27	302.27	312.20	Ho. Co. Std. G 5.02
M-3	4" Dia. Manhole	316.08	315.89	324.00	Ho. Co. Std. G 5.01
E-1	36" Conc. End Section	322.54	—	—	Ho. Co. Std. SD 4.01
E-2	15" Conc. End Section	324.00	—	—	Ho. Co. Std. SD 5.51
I-10	A-5 Inlet	—	325.85	334.60*	Ho. Co. Std. SD 4.01
S-1	Modified A-10 Inlet	—	322.0	—	See Detail SHT. 7 of 9

\* TOP OF CURB ELEVATION

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE AND BLOCK THE NORTHERN ENTRANCE FROM CONSTRUCTION TRAFFIC. (1 day)
- INSTALL SEWER MAIN FROM MH-2 TO MH-3. (2 days)
- INSTALL SILT FENCE, EARTH DIKE AND SEDIMENT BASIN. (4 days)
- GRADE SITE MAINTAINING POSITIVE DRAINAGE FOR THE EARTH DIKE. (10 days)
- INSTALL STORM DRAINS, WATER AND THE REMAINING SEWER. (15 days)
- STABILIZE IN ACCORDANCE WITH TEMPORARY SEEDING NOTES. (2 days)
- BEGIN BUILDING CONSTRUCTION AND INSTALL CURB AND GUTTER.
- COMPLETE ALL CONSTRUCTION INCLUDING PAVING.
- REMOVE ENTRANCE BLOCKING FROM THE NORTHERN ENTRANCE. (1/2 day)
- STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES. (1 day)
- UPON APPROVAL OF THE DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND CONVERT SEDIMENT BASIN TO STORM WATER MANAGEMENT FACILITY AS FOLLOWS:
  - PUMP OUT IMPOUNDED WATER. (1/2 day)
  - REMOVE SEDIMENT AND PLACE AS DIRECTED BY THE DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR. (1/2 day)
  - REMOVE THE DEWATERING DEVICE. (1/2 day)
  - STABILIZE THE REMAINING DISTURBED AREA IN ACCORDANCE WITH PERMANENT SEEDING NOTES. (1/2 day)

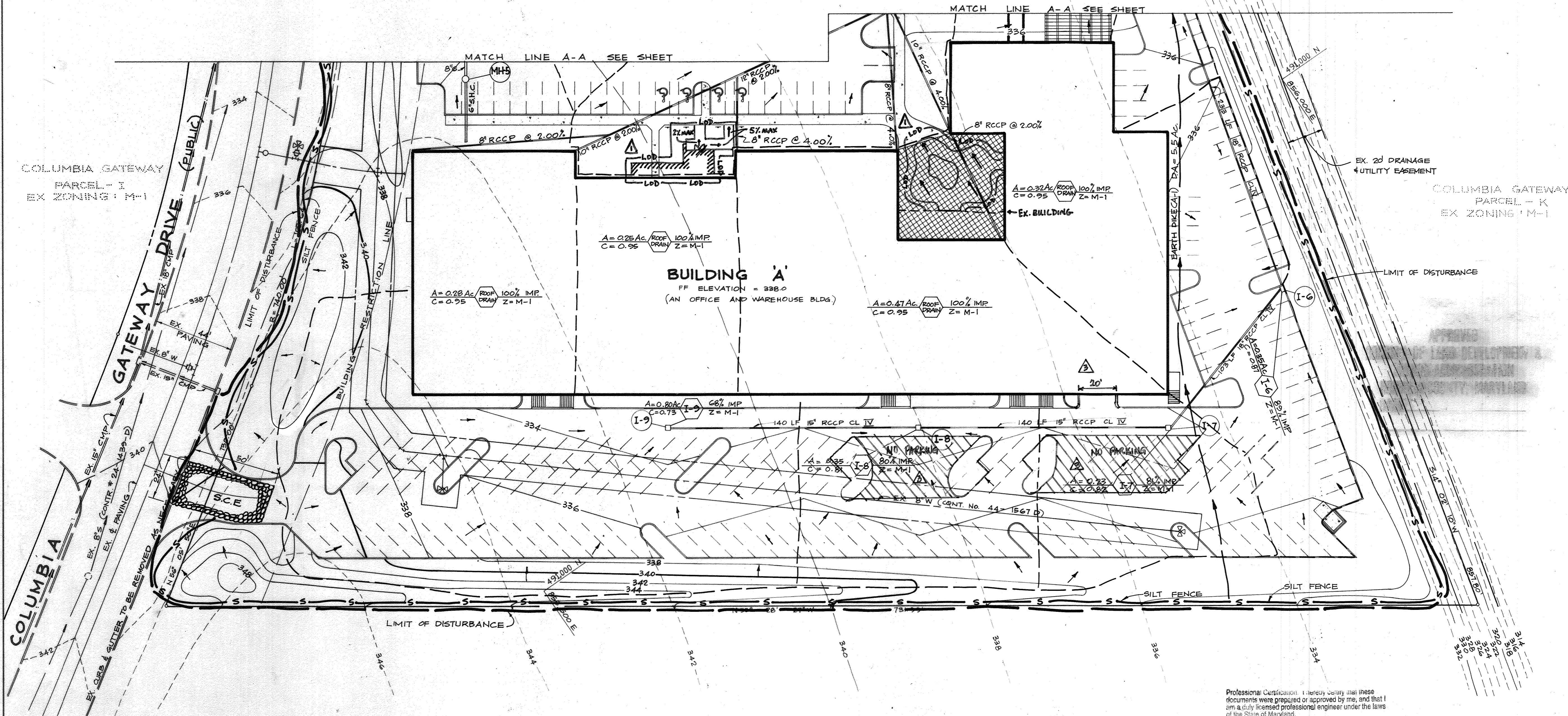


STRUCTURE	MEDIUM STONE DIA.	LENGTH (L)	WIDTH (W)	THICKNESS (T)
E-1	7.2"	20'	25'	18"
E-2	6"	17'	22'	15"

OUTLET PROTECTION DETAIL  
No Scale

LEGEND

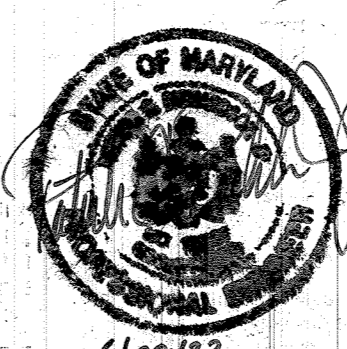
- ||||| NEW BUILDING
- LOD --- LIMIT OF DISTURBANCE
- PROPOSED SLOPE



PLAN  
SCALE: 1" = 30'

DEPTH	SOIL TYPE
0 - 2.0'	BROWN CLAYEY SILTY SAND WITH QUARTZ GRAVEL (SM)
2.0 - 7.0'	TAN BROWN SILTY SAND WITH QUARTZ GRAVEL (SM)
7.0 - 9.0'	TAN BROWN SILTY SAND WITH QUARTZ GRAVEL AND POCKETS OF BROWN/TAN SILTY CLAY (SM)
9.0 - 15.0'	TAN SILTY CLAY WITH RED BROWN SANDY SILTY CLAY (CL)
0 - 2.0'	BROWN CLAYEY SILTY SAND (SM)
2.0 - 7.0'	TAN BROWN SILTY SAND WITH QUARTZ GRAVEL (SM)
7.0 - 9.0'	WHITE SILTY CLAY (CL)
9.0 - 15.0'	RED BROWN/TAN SILTY CLAY, TRACE OF SAND (CL)
0 - 5.0'	TAN BROWN SILTY SAND WITH QUARTZ GRAVEL (SM)
5.0 - 11.0'	BROWN SANDY SILTY CLAY WITH TRACE OF QUARTZ GRAVEL (SC)
11.0 - 16.0'	TAN SILTY CLAY WITH TRACE OF SAND (CL)
16.0 - 20.0'	GREEN SILTY CLAY WITH TRACE OF SAND (CL)

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.



APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 9-10-87

BY THE DEVELOPER:  
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN 'AS-BUILT' PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."  
Arthur E. Muegge  
DEVELOPER  
8-2-88  
DATE

BY THE ENGINEER:  
"I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN 'AS-BUILT' PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."  
Arthur E. Muegge  
ENGINEER  
ARTHUR E. MUEGGE  
7-28-88  
DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.  
James M. Hillman  
S.O.C. SOIL CONSERVATION SERVICE  
8/24/88  
DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
Robert W. Ziehme  
HOWARD S.O.C.  
8/24/88  
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
Joseph M. Longman, Jr.  
COUNTY HEALTH OFFICER  
9-12-88  
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
[Signature]  
PLANNING DIRECTOR  
9-22-88  
DATE

APPROVED: CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT.  
[Signature]  
9-21-88  
DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
[Signature]  
DIRECTOR  
9-1-88  
DATE

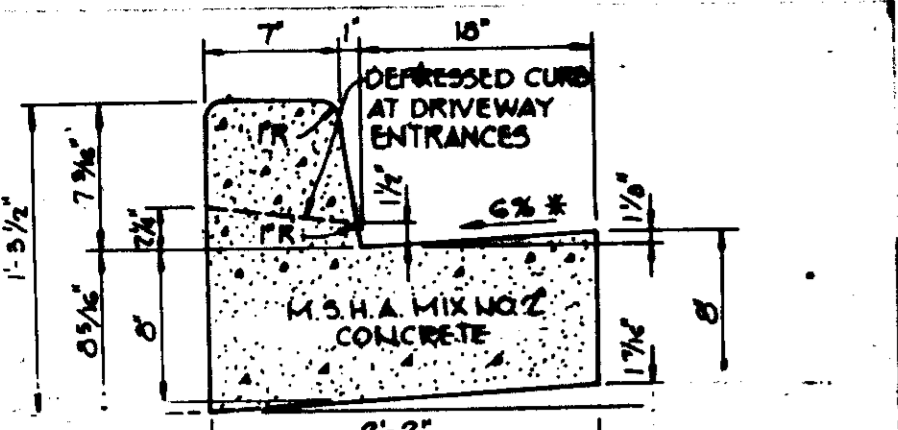
CHIEF, BUREAU OF ENGINEERING  
[Signature]  
DATE

6/29/83 3 ADD LOADING DOCK AND REMOVE PARKING  
1/10/84 1 NEW PATIO, SIDEWALK IMPROVEMENTS, VESTIBULE  
DATE NO REVISION  
OWNER/DEVELOPER  
ROUSE & ASSOCIATES  
5950 SYMPHONY WOODS OFFICE CENTER  
SUITE 300  
COLUMBIA, MARYLAND 21044  
PHONE: (301)-740-0200

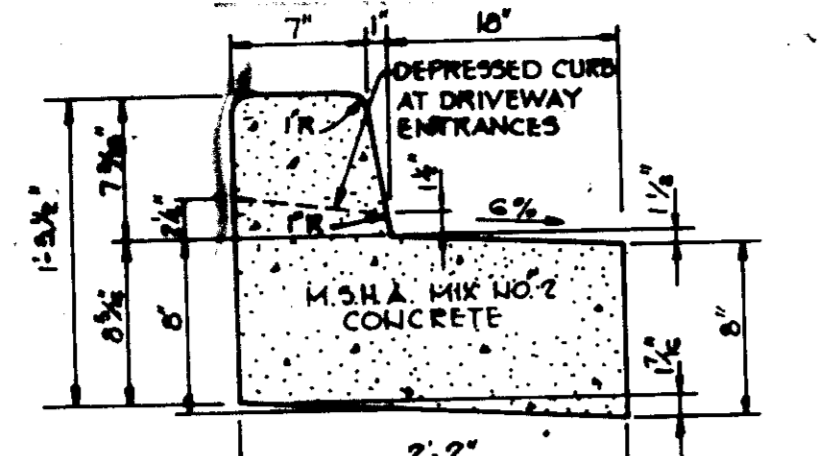
PROJECT  
MARYLAND NATIONAL BANK / FOX RUN  
(A REVISION OF SDP-87-13)  
AREA TAX MAP NO 43 PARCEL: F  
COLUMBIA GATEWAY PLAT NO 6771  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

TITLE: DRAINAGE AREA GRADING AND SEDIMENT CONTROL PLAN  
THE RIEMER GROUP, INC.  
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm  
3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2890

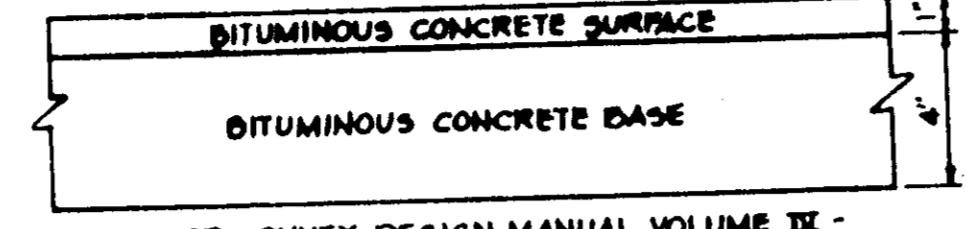
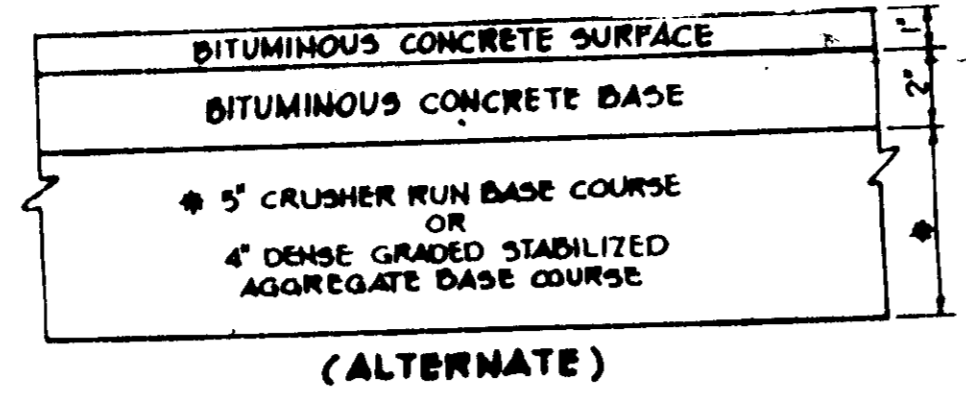
7-28-88  
DATE  
DESIGNED BY: J.P.P.  
DRAWN BY: D.B.S.  
PROJECT NO: 31906  
DATE: JULY 28, 1988  
SCALE: AS SHOWN  
DRAWING NO. 3 OF 9



HOWARD COUNTY DESIGN MANUAL VOLUME IX - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-201)  
 \* GUTTER PAN AT THE MEDIAN EDGE OF INTERMEDIATE ARTERIALS OR THE HIGH SIDE OF SUPERELEVATED SECTIONS SHALL BE SLOPED AT THE SAME RATE AS THE PAVEMENT.



HOWARD COUNTY DESIGN MANUAL VOLUME IX - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-201)

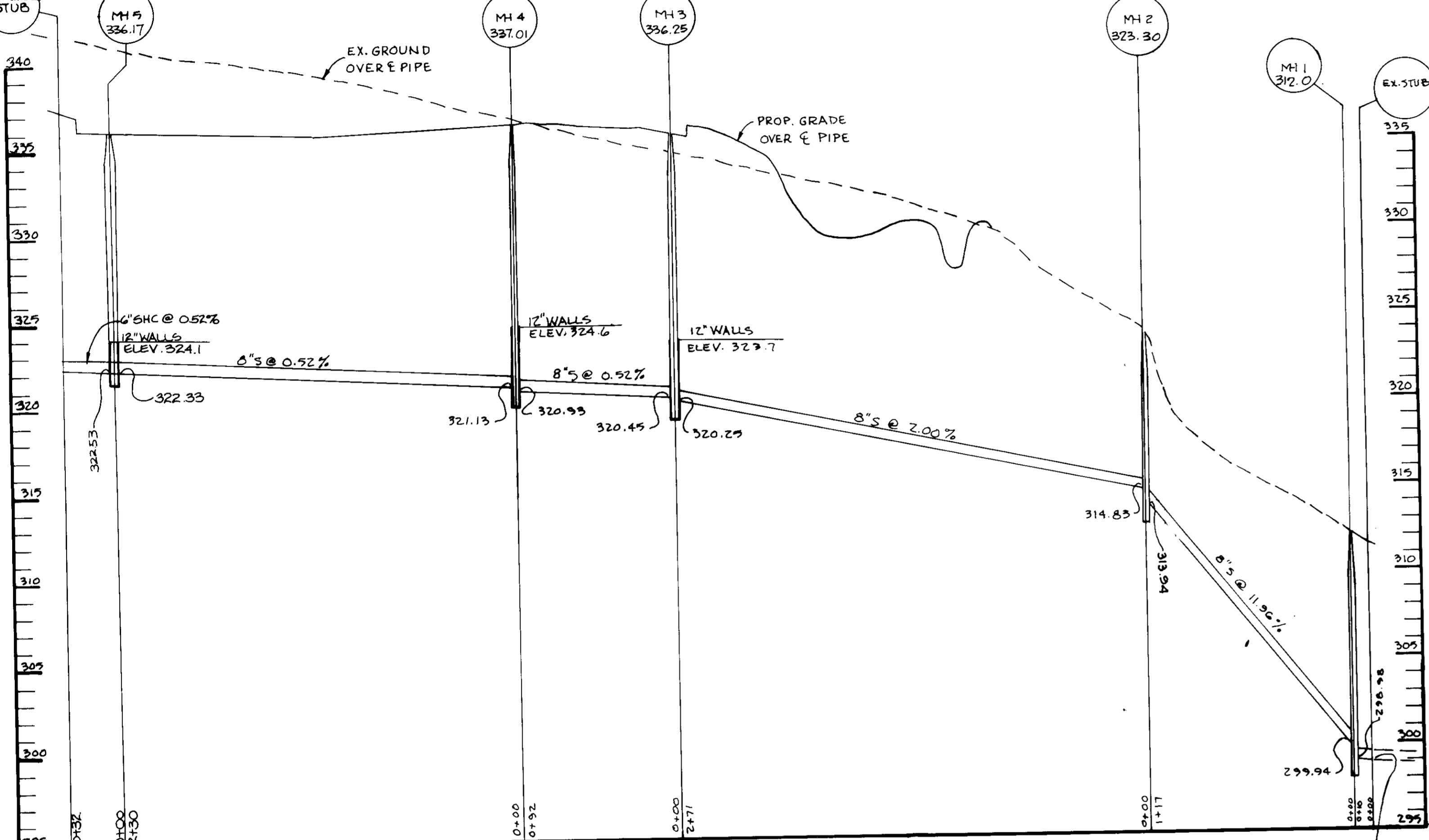


HOWARD COUNTY DESIGN MANUAL VOLUME IX - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-201)  
 (5" PAVING, P-1)  
 NO SCALE

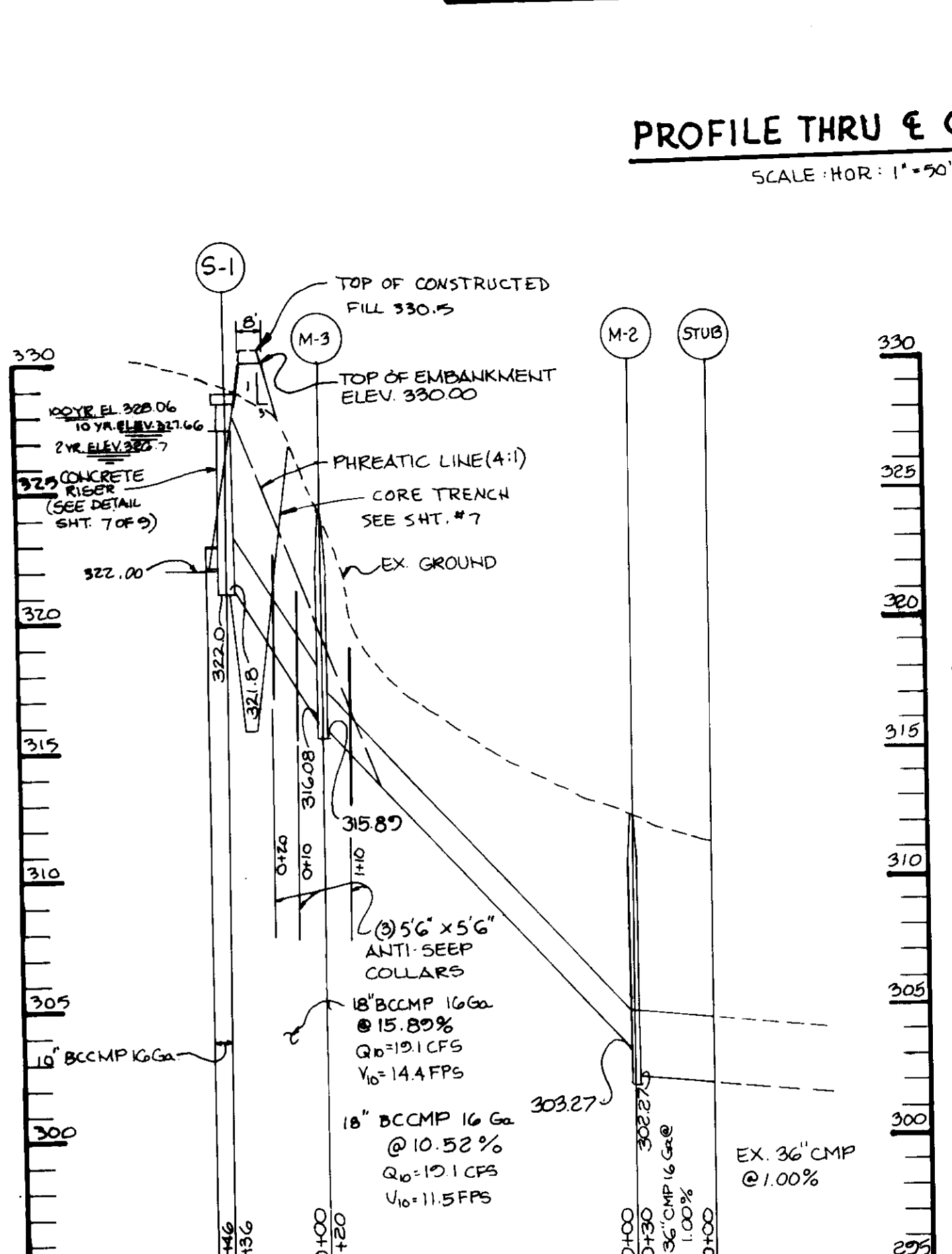
**STANDARD 7" COMBINATION CURB AND GUTTER**  
 No Scale

**REVERSE 7" COMBINATION CURB AND GUTTER**  
 No Scale

**(5" PAVING, P-1)**  
 NO SCALE

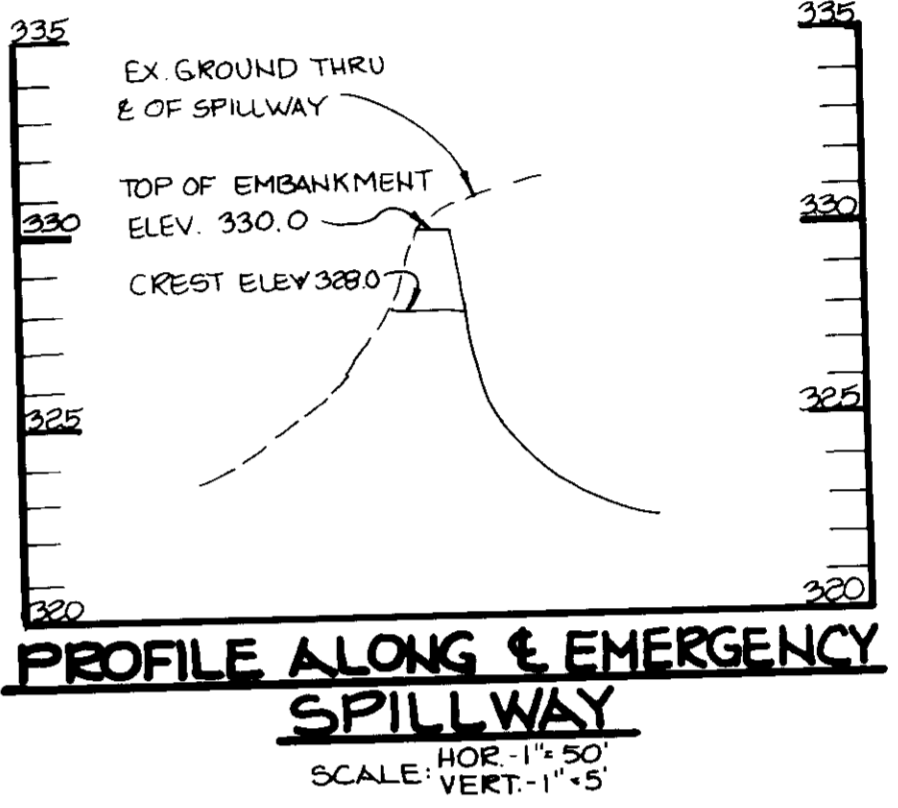


**SANITARY SEWER PROFILE** SCALE: HOR: 1"=50' VERT: 1"=5'

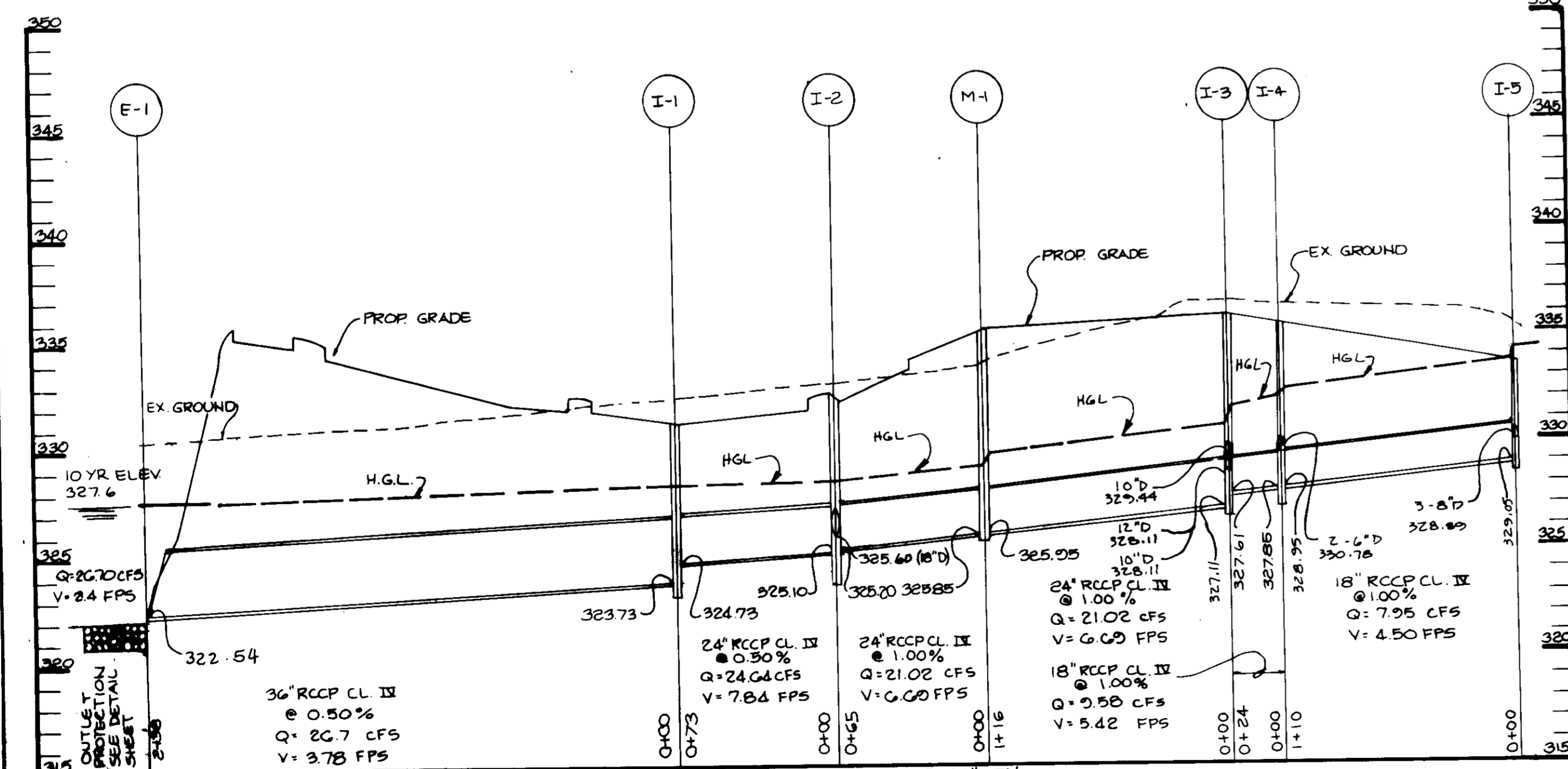


**PROFILE** SCALE: VERT: 1"=5'

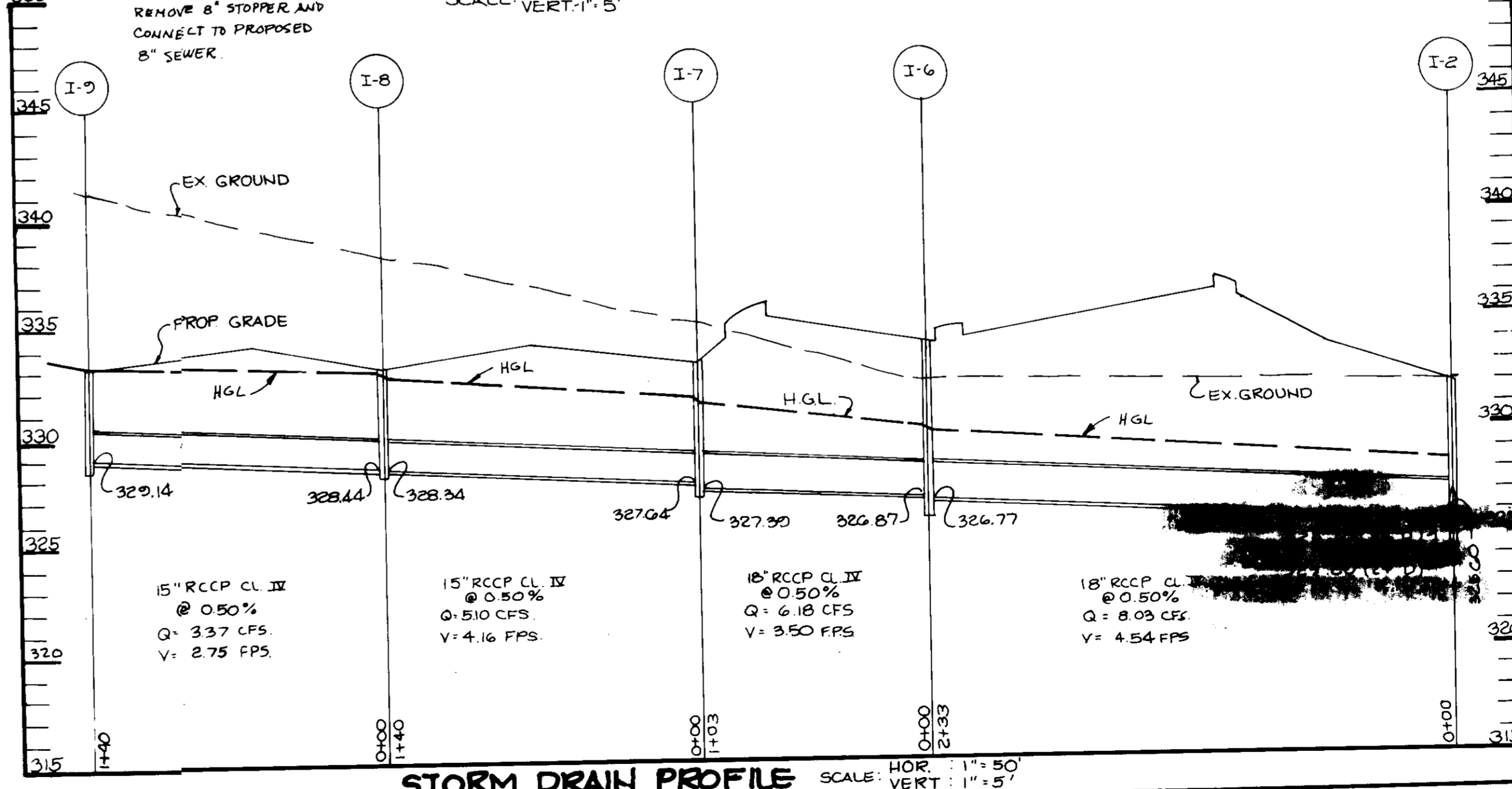
**PROFILE THRU E OF EMBANKMENT** SCALE: HOR: 1"=50' VERT: 1"=5'



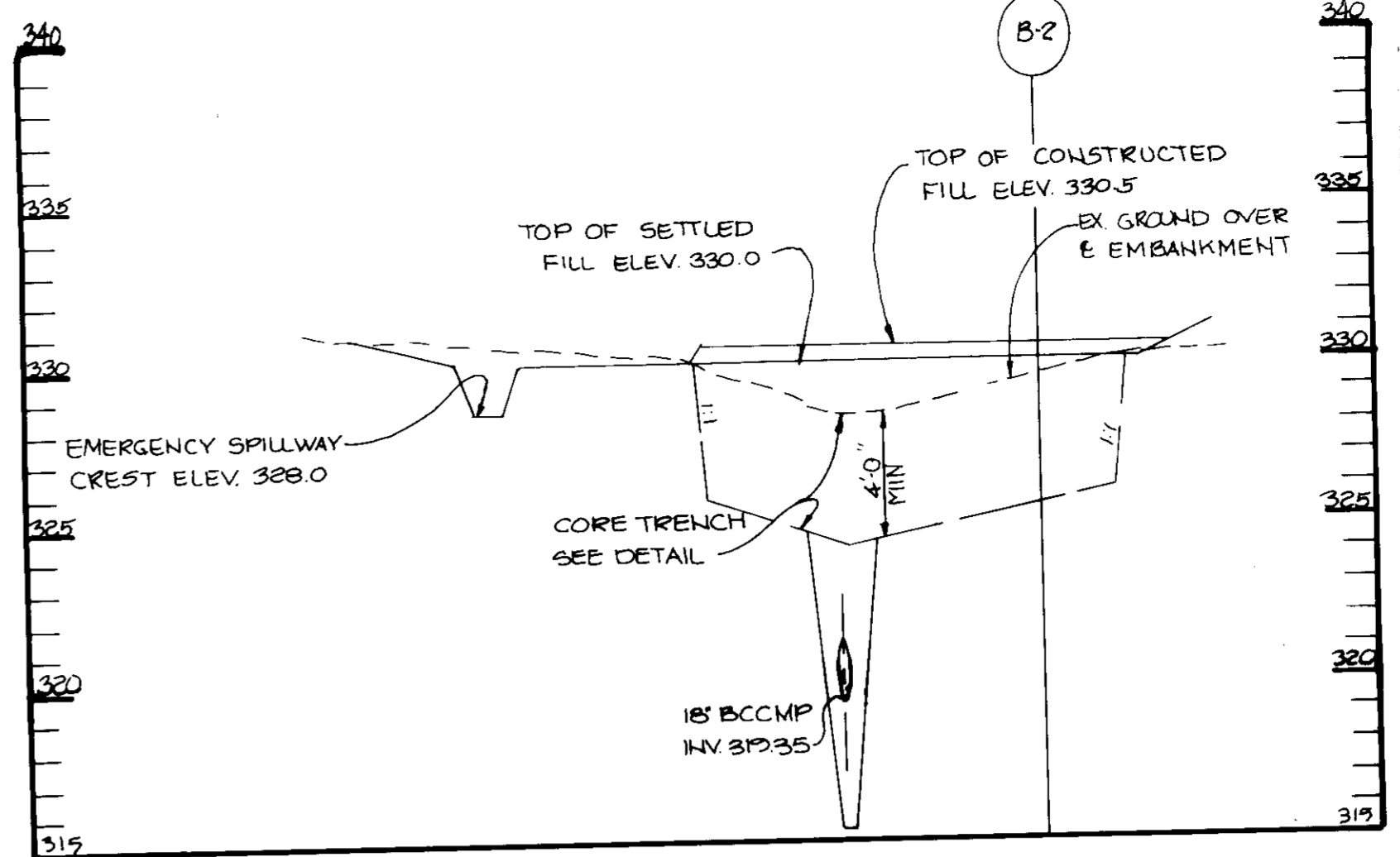
**PROFILE ALONG E EMERGENCY SPILLWAY** SCALE: HOR: 1"=50' VERT: 1"=5'



**STORM DRAIN PROFILE** SCALE: HOR: 1"=50' VERT: 1"=5'



**STORM DRAIN PROFILE** SCALE: HOR: 1"=50' VERT: 1"=5'



BY THE DEVELOPER:  
 "I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN 'AS-BUILT' PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."  
 Clayton M. Carver  
 DEVELOPER 8-2-88 DATE

BY THE ENGINEER:  
 "I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN 'AS-BUILT' PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."  
 Arthur E. Muegge  
 ENGINEER 7-28-88 DATE  
 ARTHUR E. MUEGGE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.  
 Robert D. Ziehme  
 U.S. SOIL CONSERVATION SERVICE 8/24/88 DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
 Robert D. Ziehme  
 HOWARD S.C.D. 8/21/88 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
 Joyce M. Bond  
 COUNTY HEALTH OFFICER 7-12-88 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
 [Signature]  
 PLANNING DIRECTOR 9-22-88 DATE

APPROVED: CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT.  
 [Signature]  
 9-21-88 DATE

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

[Signature]  
 DIRECTOR 9-1-88 DATE  
 [Signature]  
 CHIEF, BUREAU OF ENGINEERING 9-9-88 DATE

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 9-10-87

DATE	NO.	REVISION

OWNER/DEVELOPER  
 ROUSE & ASSOCIATES  
 5950 SYMPHONY WOODS OFFICE CENTER  
 SUITE 300  
 COLUMBIA, MARYLAND 21044  
 PHONE: (301) 740-0200

PROJECT:  
 MARYLAND NATIONAL BANK / FOX RUN  
 (A REVISION OF SDP-87-13)

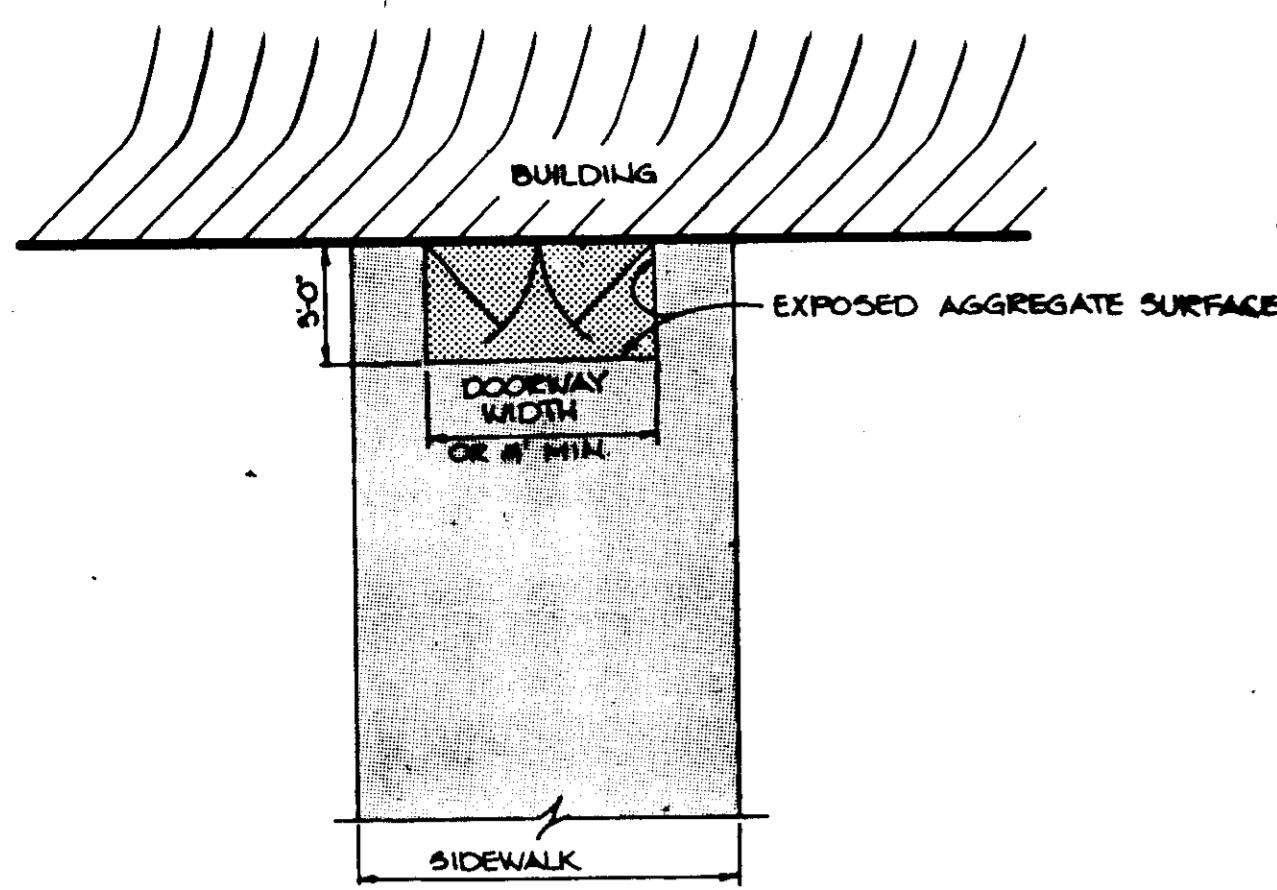
AREA TAX MAP NO. 43 PARCEL F  
 COLUMBIA GATEWAY PLAT NO. 6771  
 6th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

TITLE  
**PROFILES AND DETAILS**

**THE RIEMER GROUP, INC.**  
 The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm  
 3105 Health Park Drive, Ellicott City, Maryland 21043 (301) 461-2690

DATE: 7-28-88  
 DESIGNED BY: J.D.P.  
 DRAWN BY: O.D.B.  
 PROJECT NO: 31906  
 DATE: JULY 28, 1988  
 SCALE: AS SHOWN  
 DRAWING NO: 6 OF 9

**SDP-88-33**



**DETAIL BUILDING ENTRANCE TEXTURAL IDENTIFICATION FOR THE BLIND**  
NO SCALE

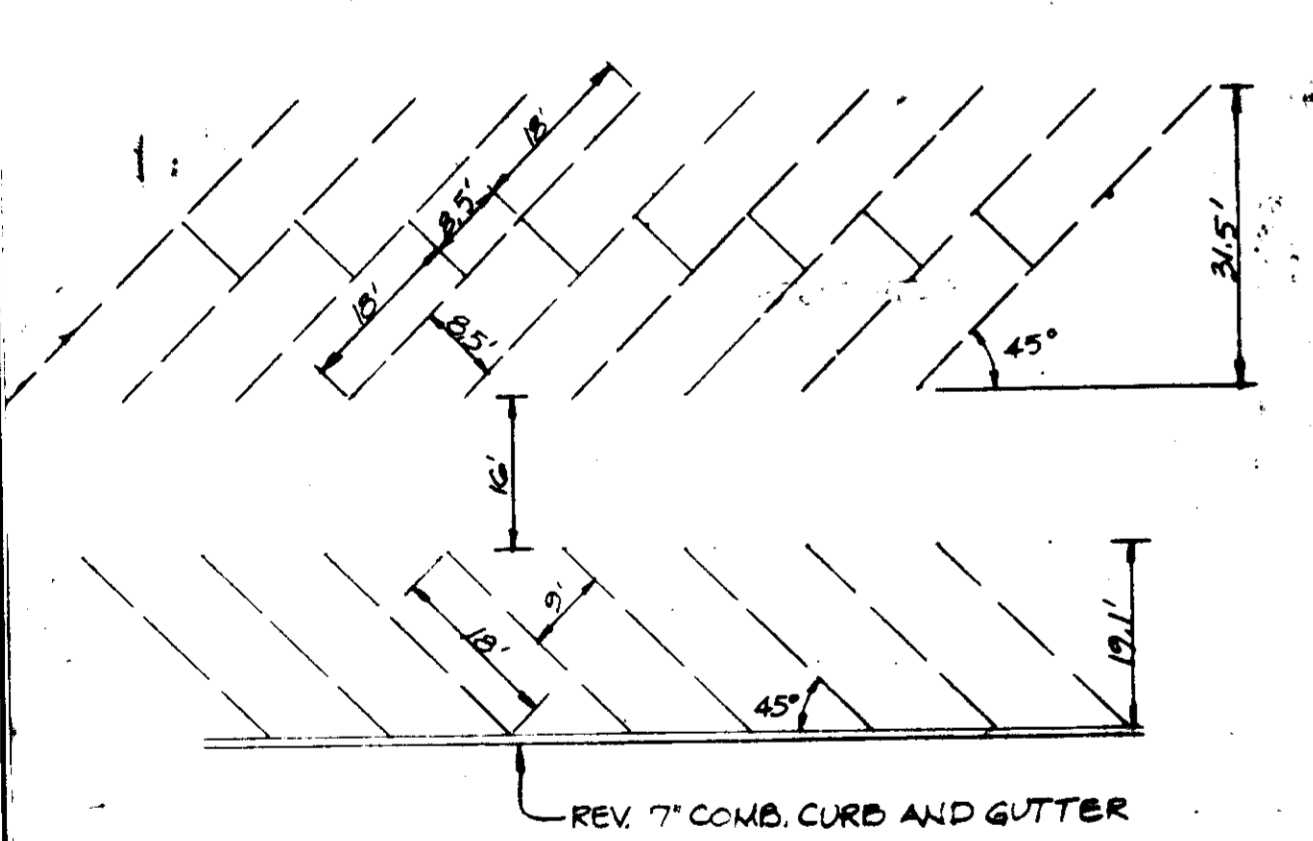
NOTE: TO BE USED FOR ALL BUILDING ENTRANCES EXCEPT THOSE THAT ARE EXCLUSIVELY FIRE EXITS



**RESERVED PARKING**  
NO SCALE



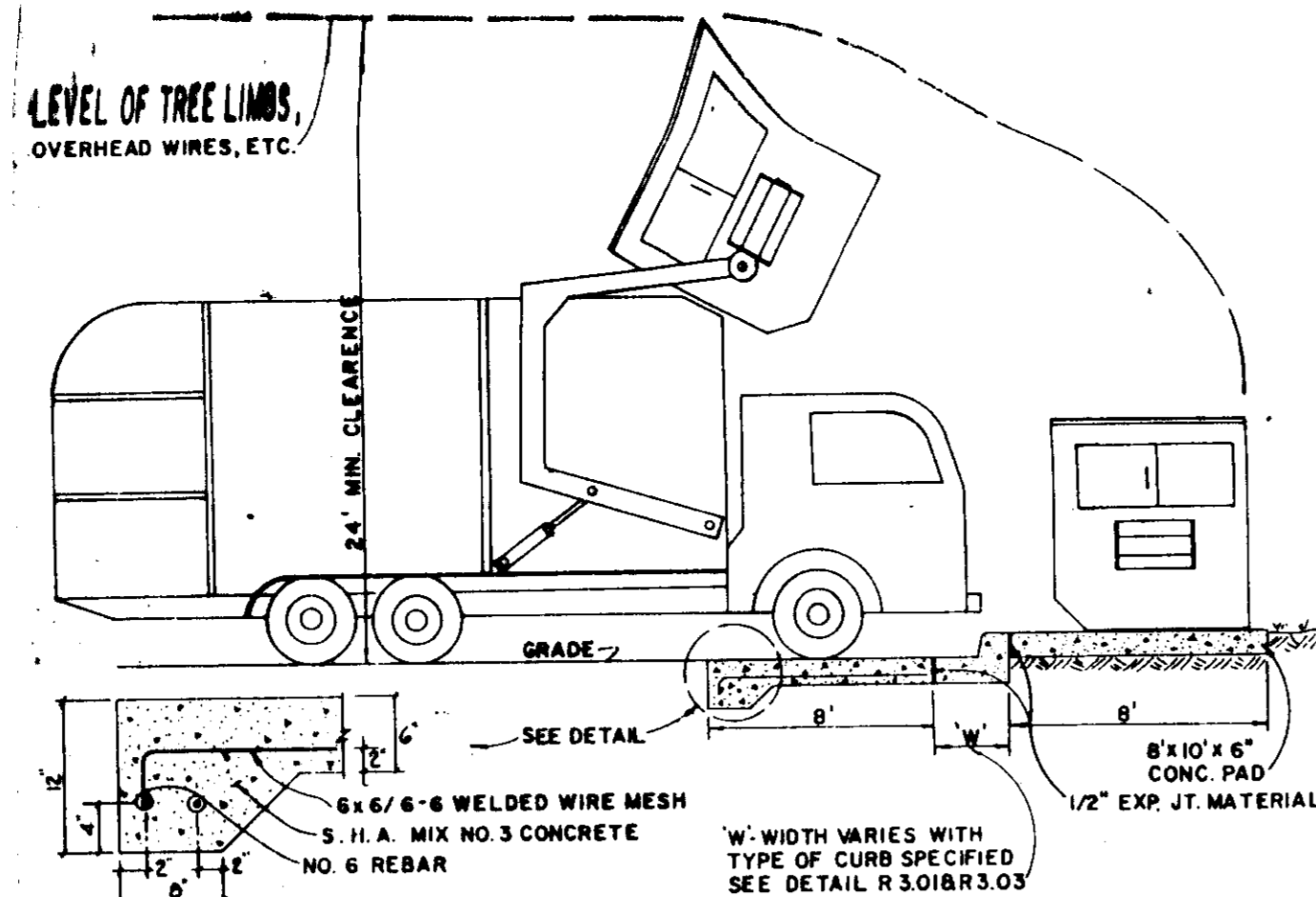
**50 FINE**  
NO SCALE



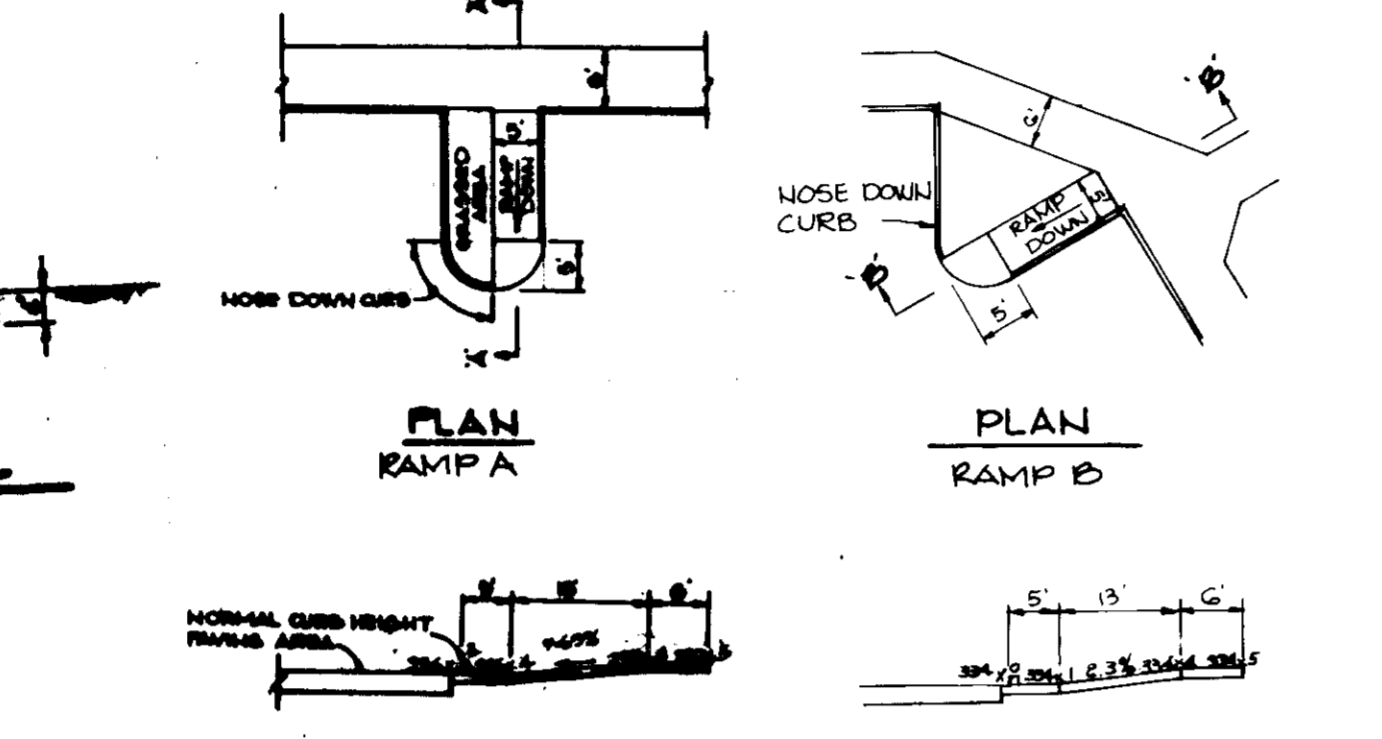
**TYPICAL 45° ANGLE PARKING DETAIL**  
NO SCALE



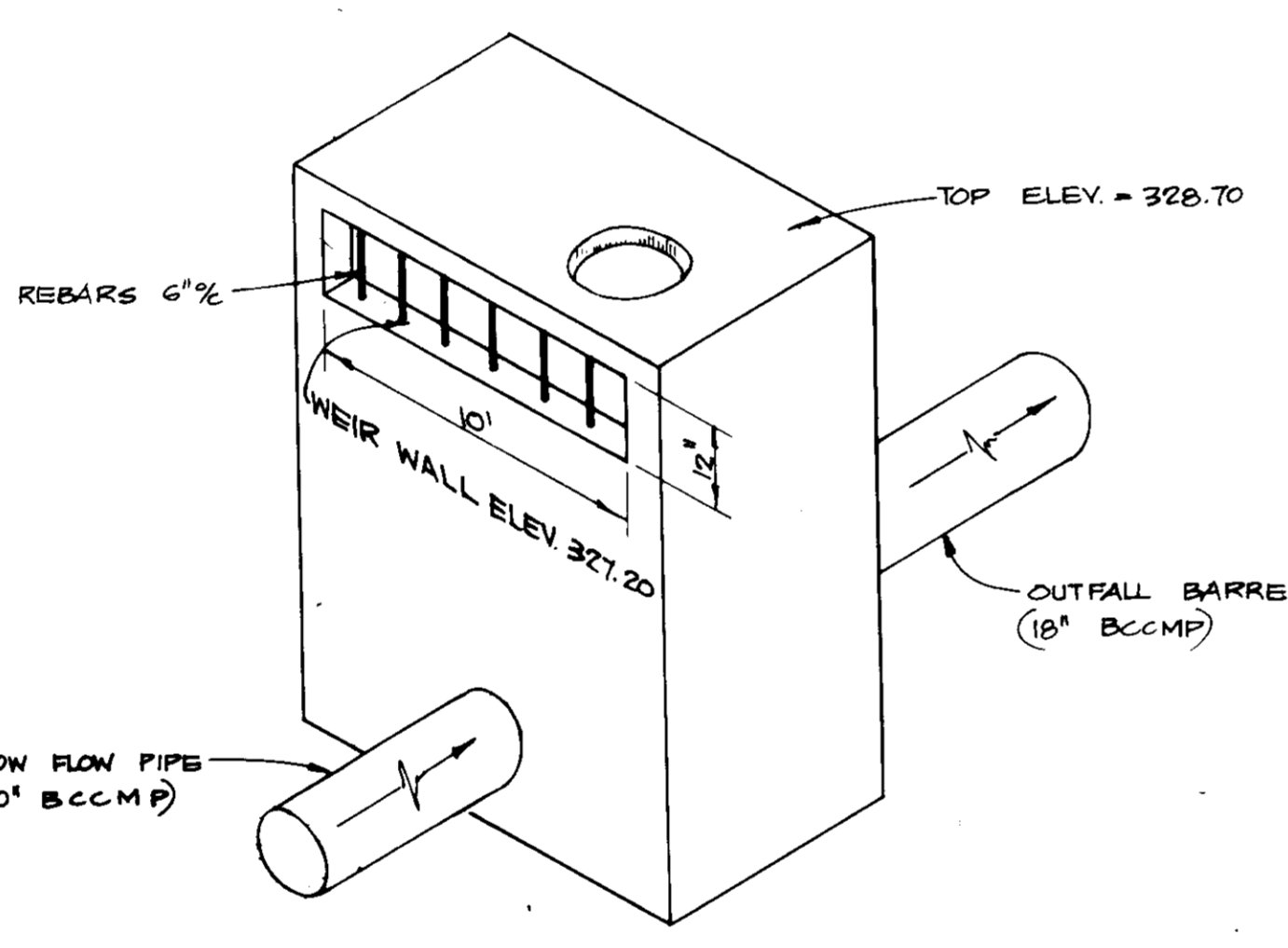
**CORE TRENCH TYP. SECTION**  
NO SCALE



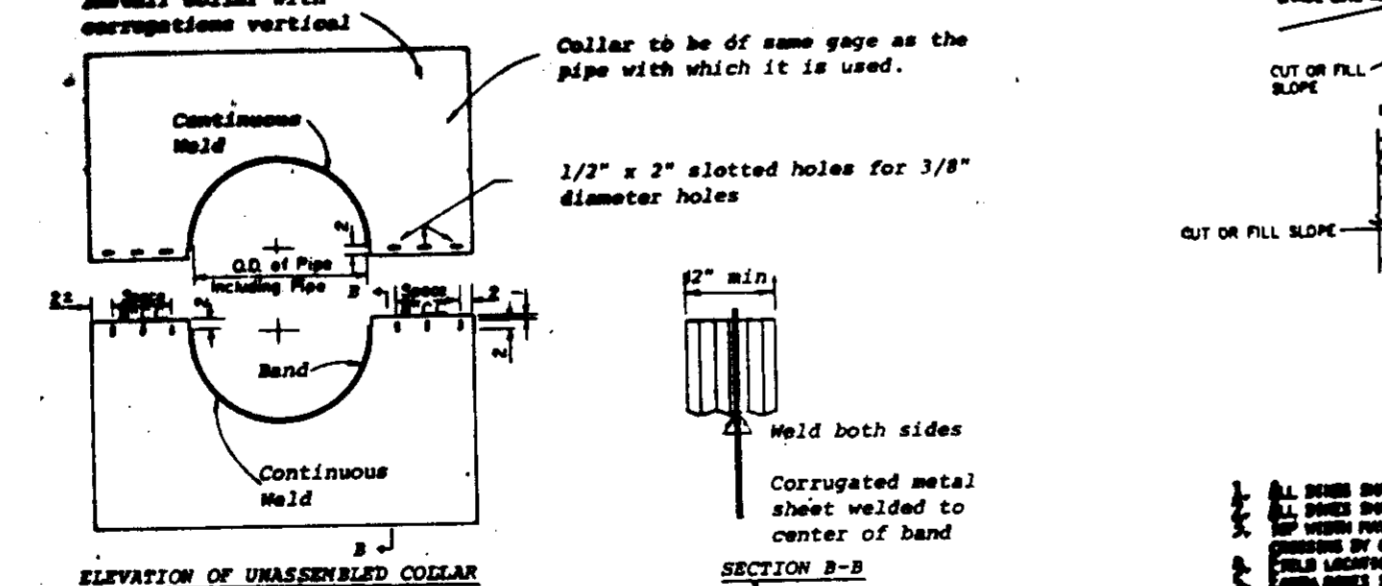
**DUMPSTER PAD DETAIL**  
NO SCALE



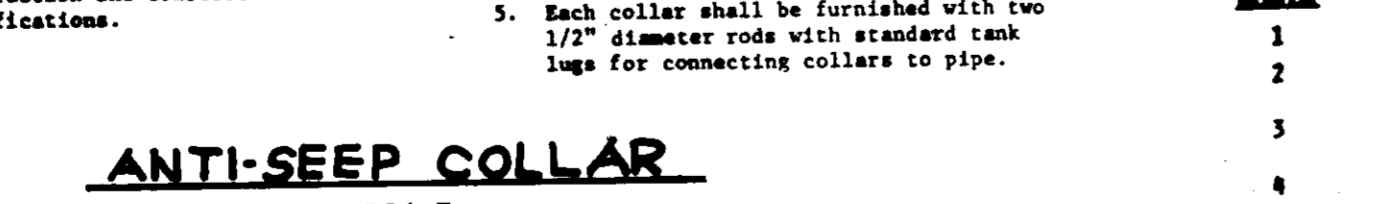
**HANDICAP RAMP DETAIL**  
NO SCALE



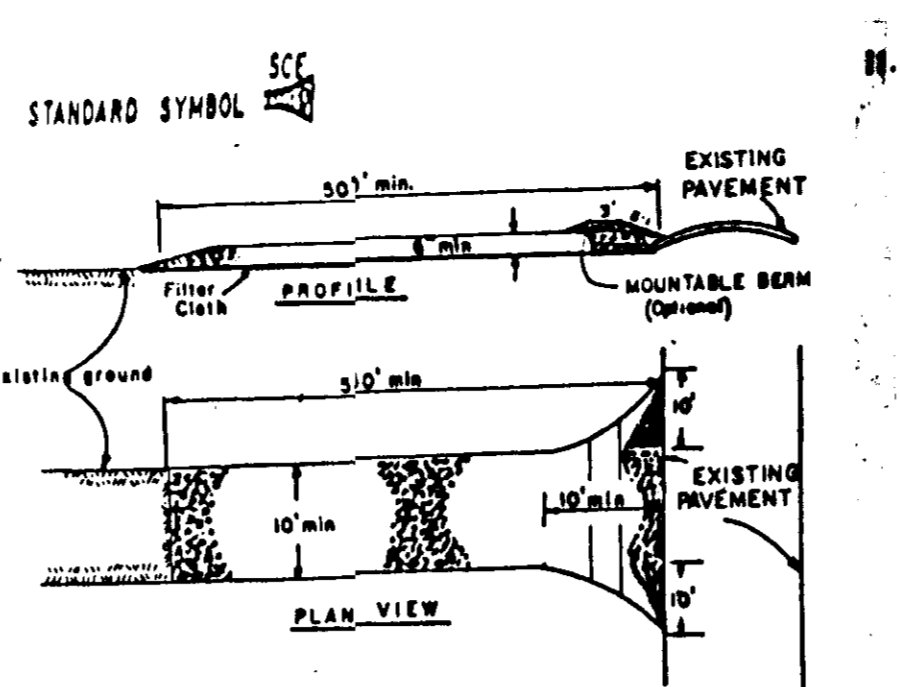
**CONCRETE RISER (MODIFIED A-10 INLET)**  
NO SCALE



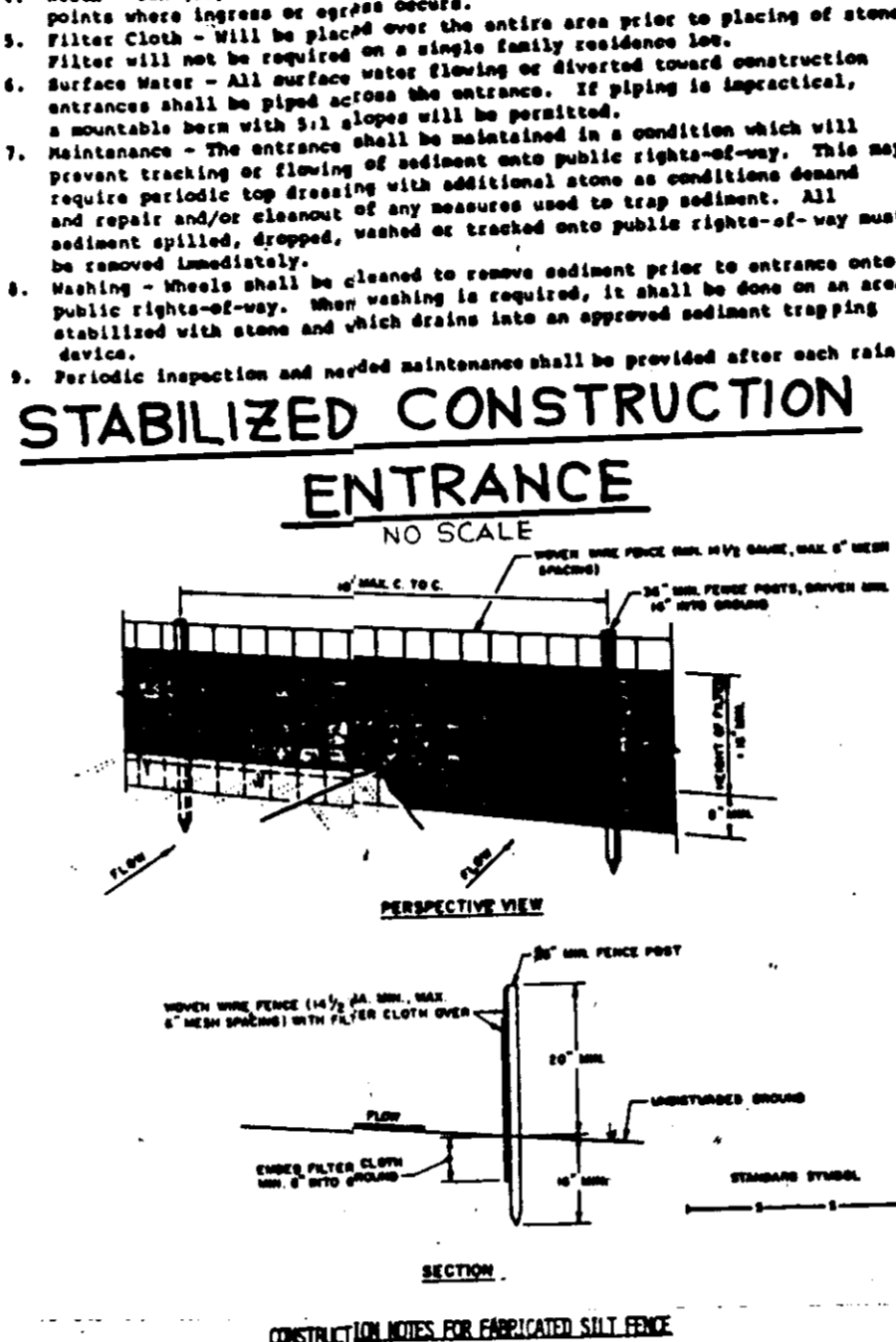
**ANTI-SEEP COLLAR**  
NO SCALE



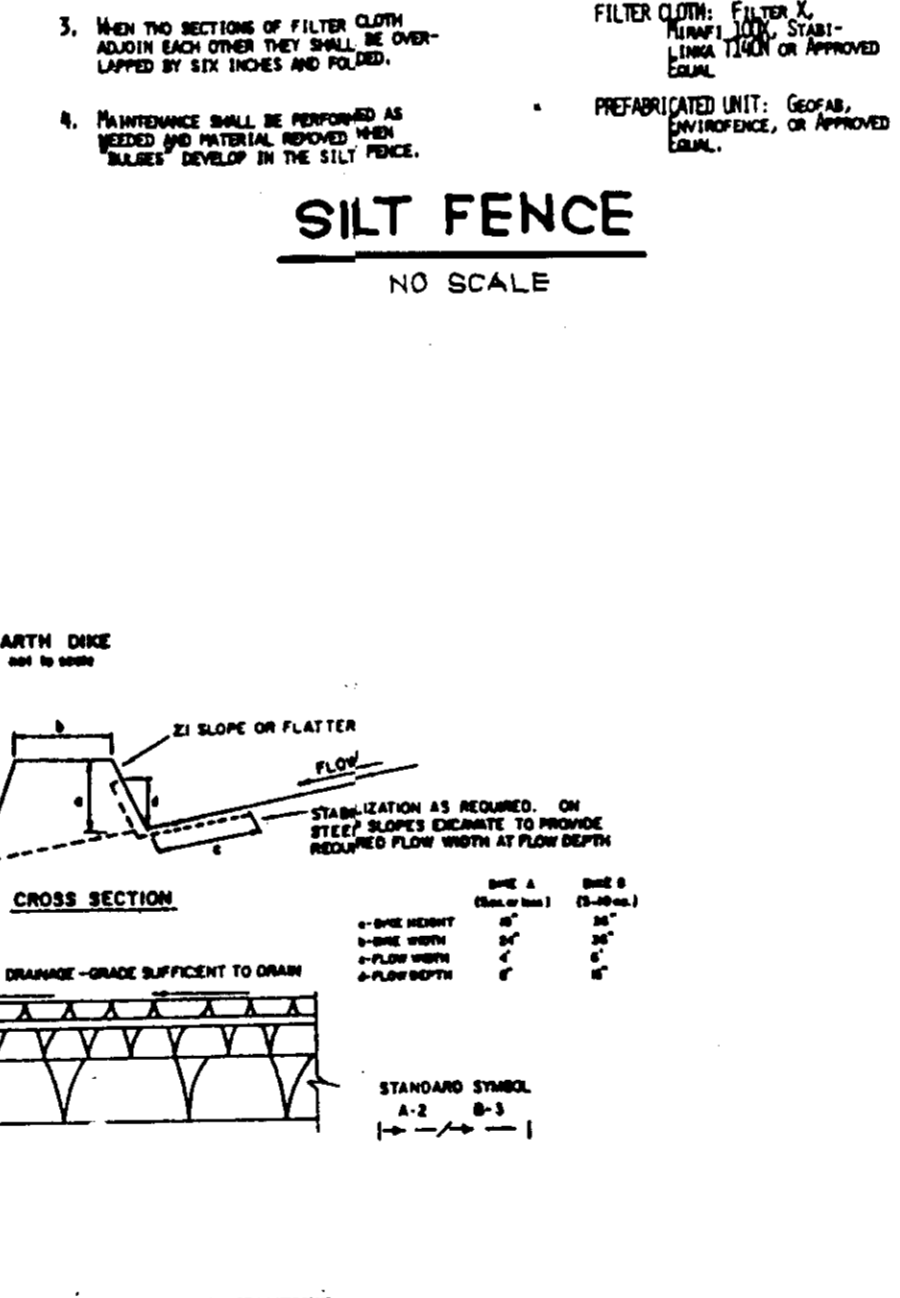
**EARTH DIKE**  
NO SCALE



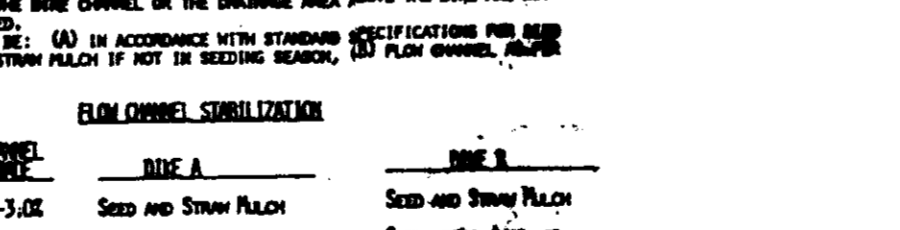
**STABILIZED CONSTRUCTION ENTRANCE**  
NO SCALE



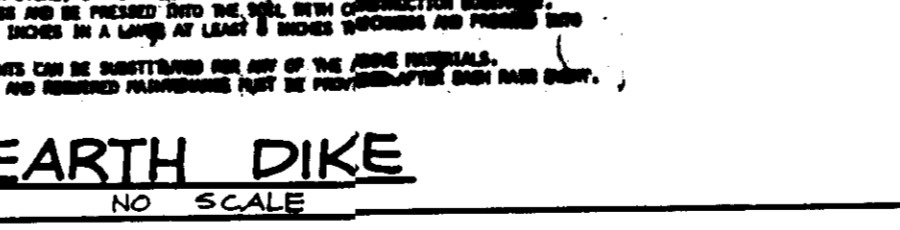
**SILT FENCE**  
NO SCALE



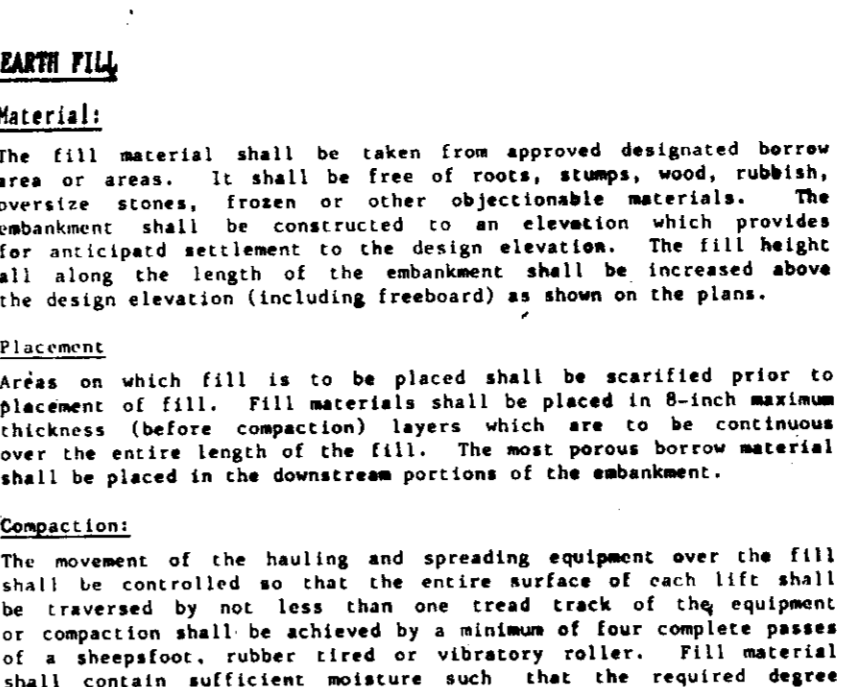
**CONCRETE RISER (MODIFIED A-10 INLET)**  
NO SCALE



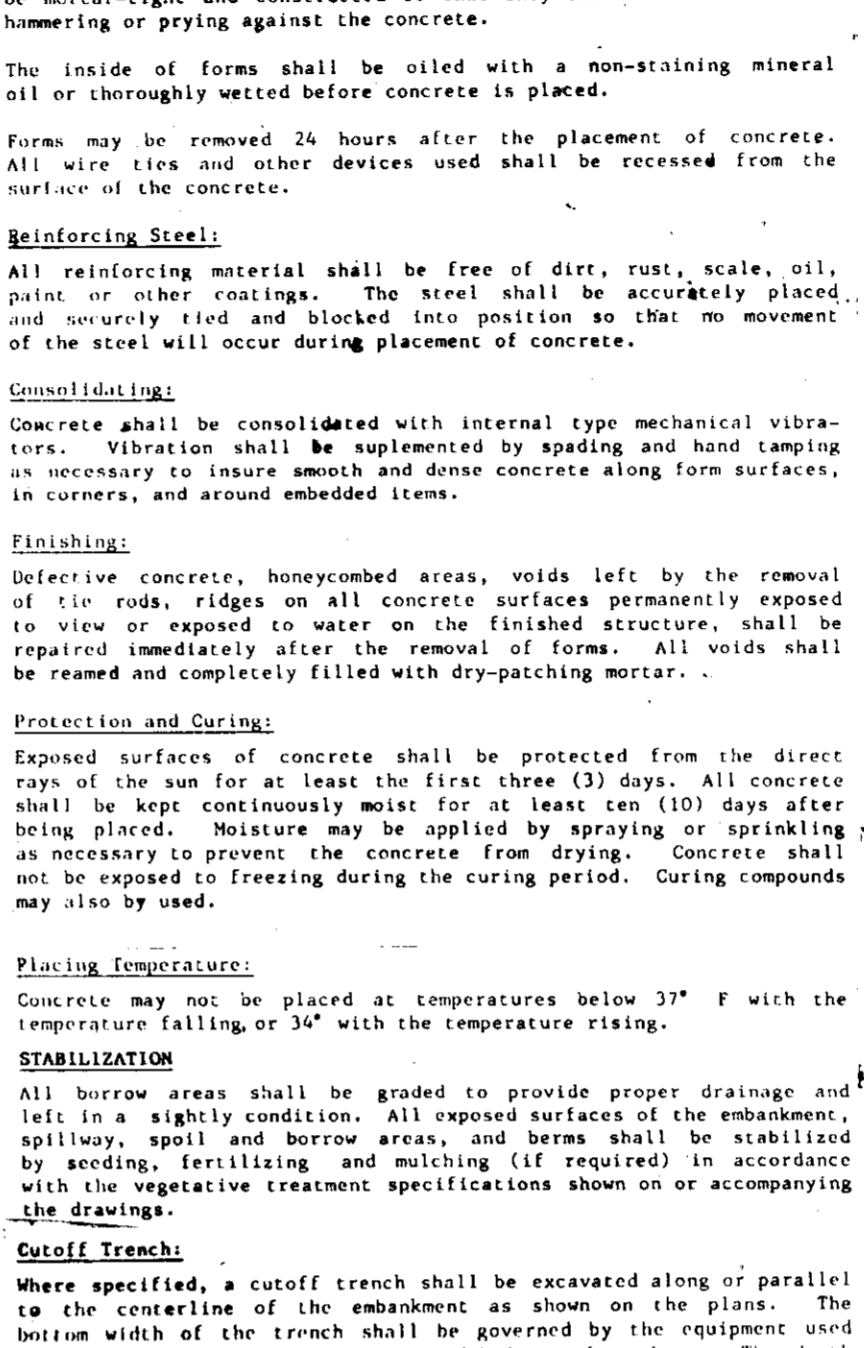
**ANTI-SEEP COLLAR**  
NO SCALE



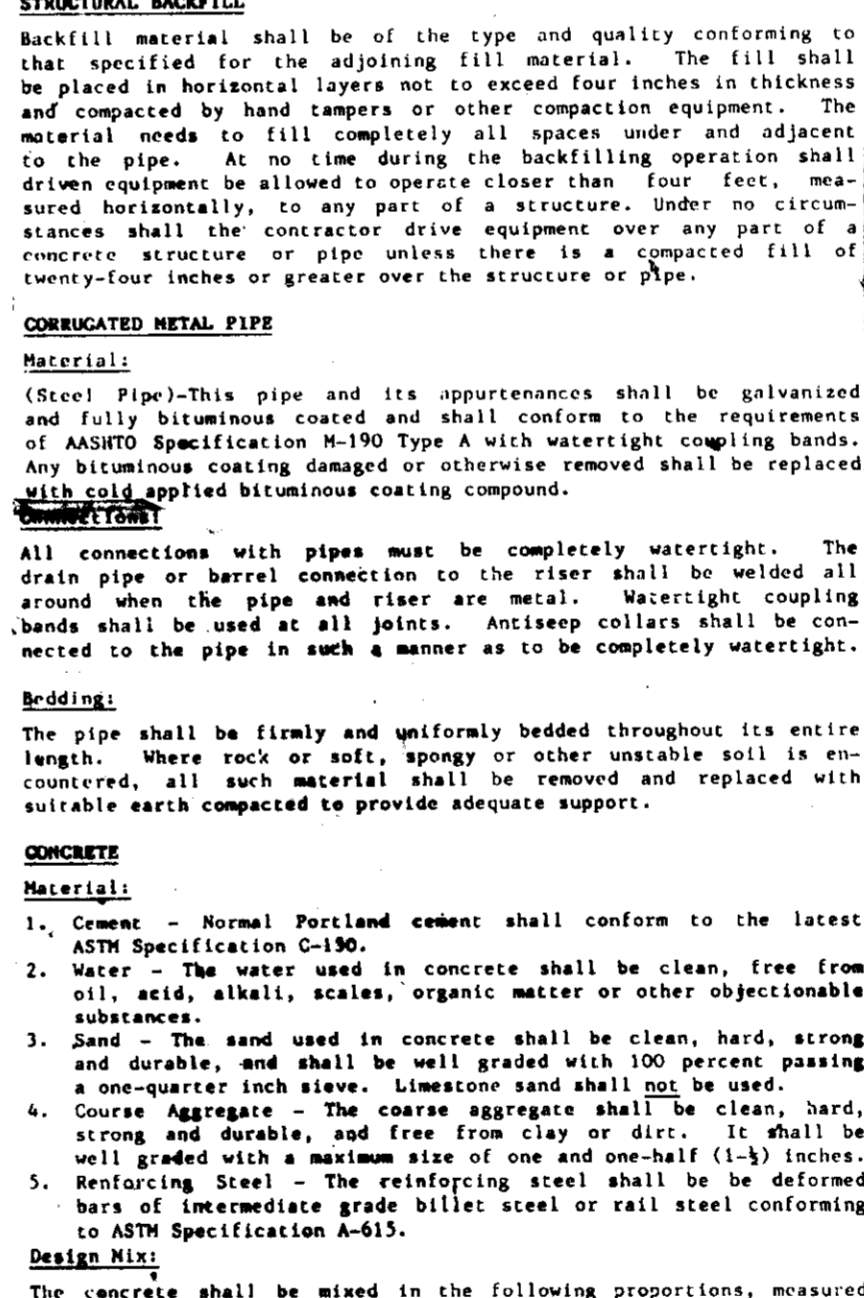
**EARTH DIKE**  
NO SCALE



**STANDARD SYMBOL**  
NO SCALE



**CONSTRUCTION SPECIFICATIONS**



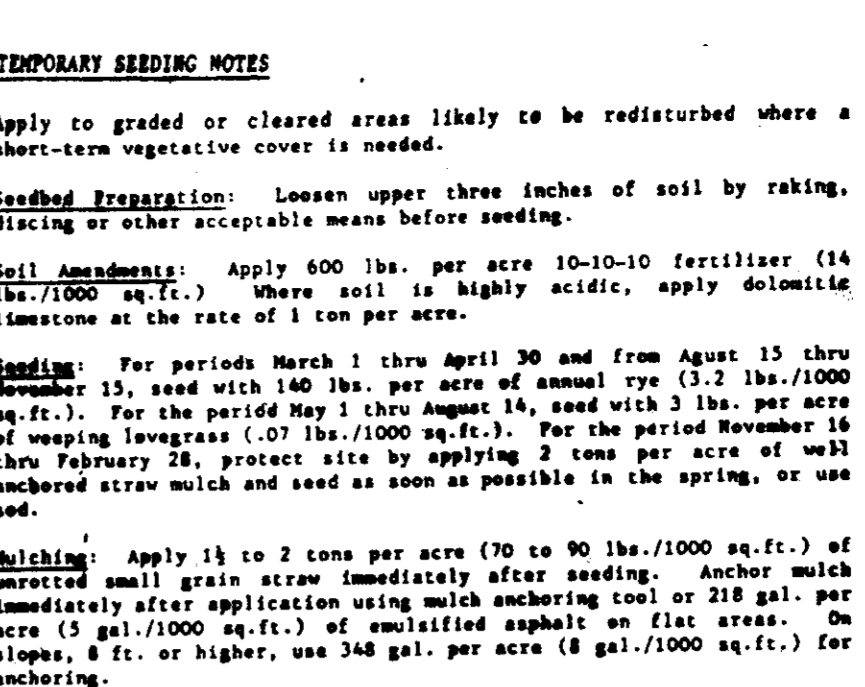
**CONSTRUCTION NOTES FOR STABILIZED SILT FENCE**



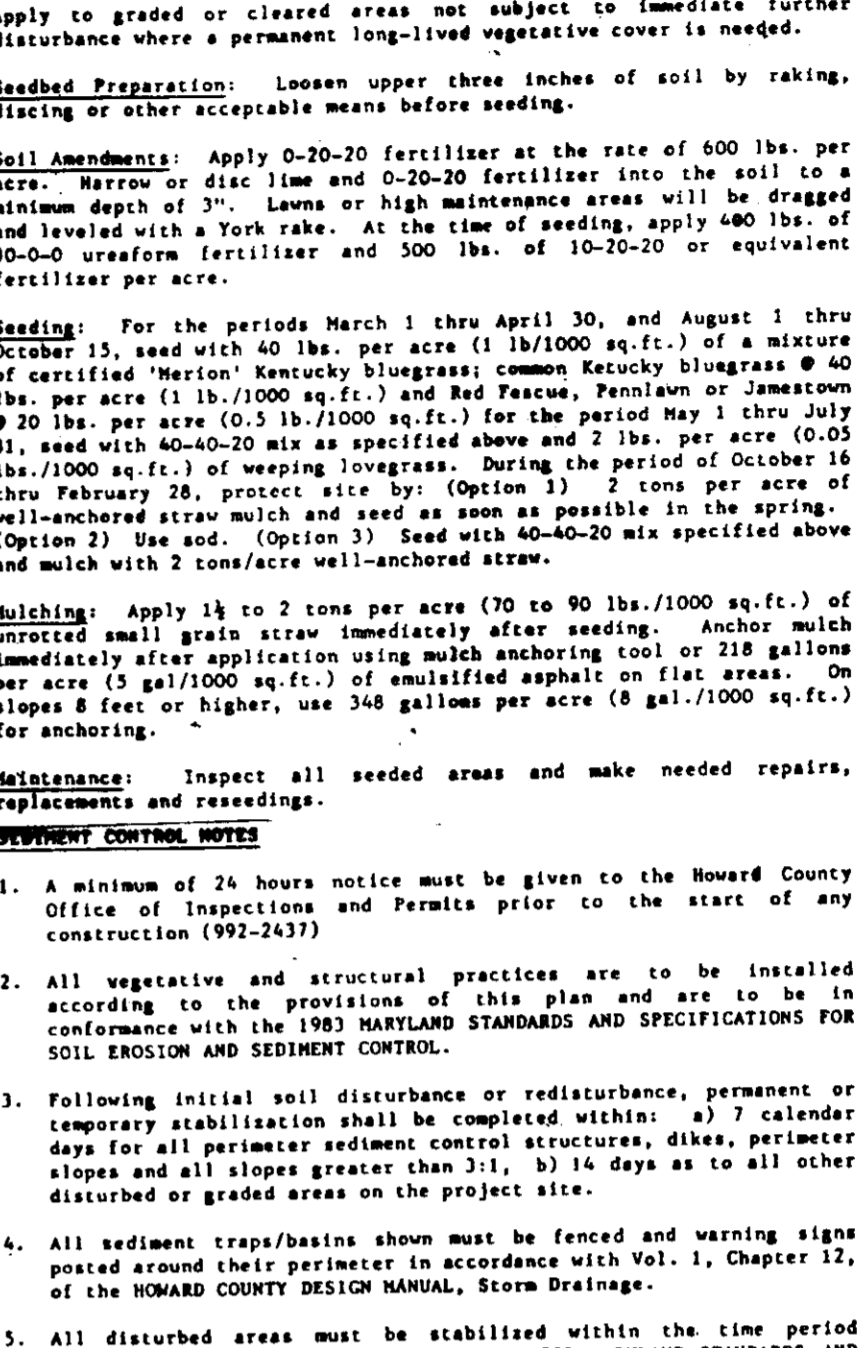
**CORROGATED METAL PIPE**  
NO SCALE



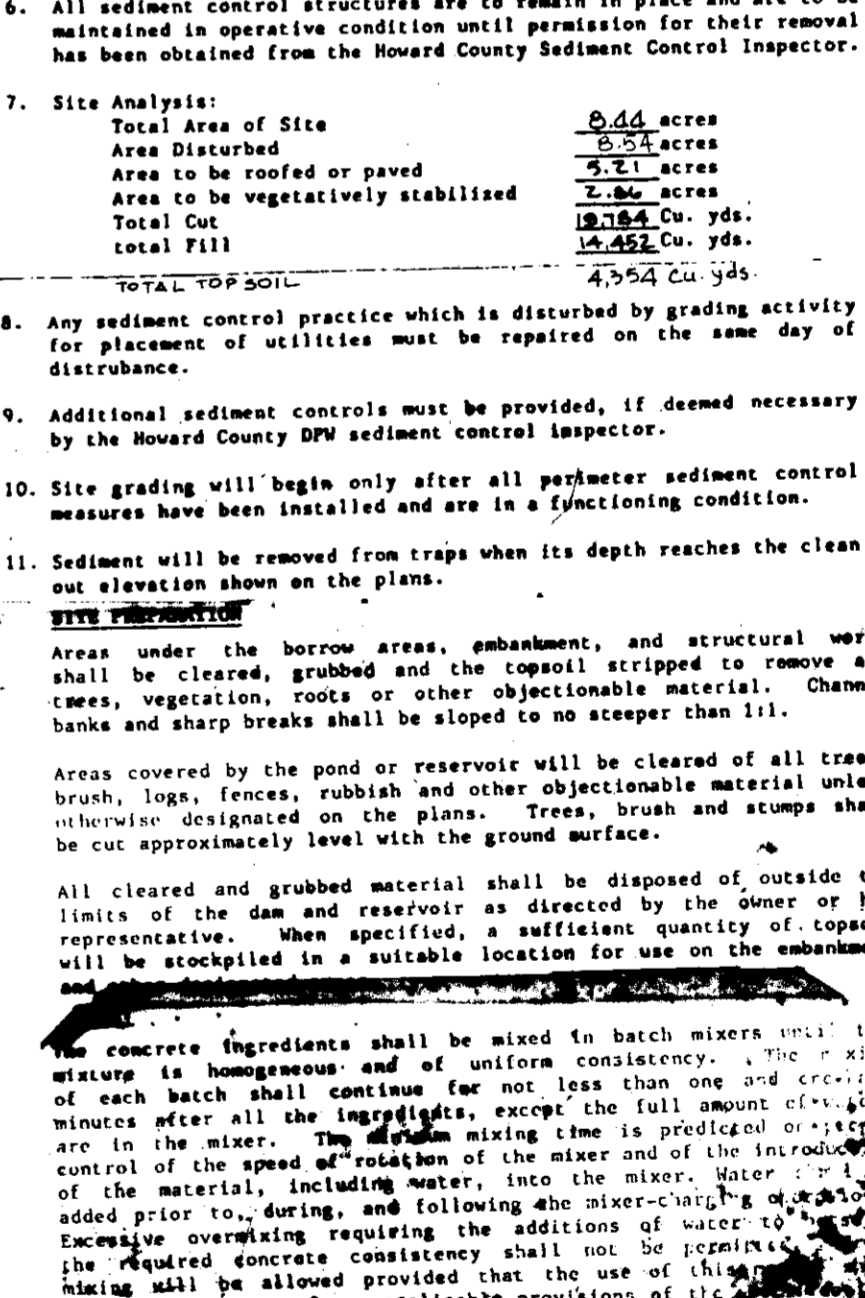
**CONCRETE**  
NO SCALE



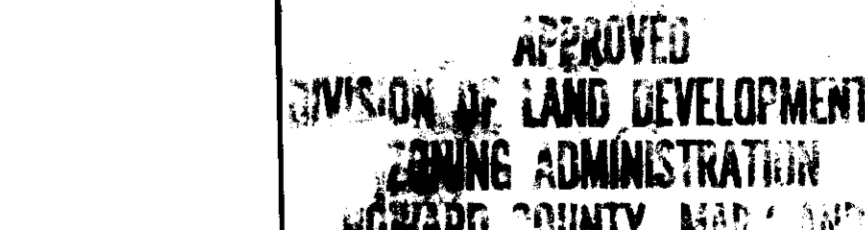
**TEMPORARY SEEDING NOTES**



**PERMANENT SEEDING NOTES**



**SEEDING CONTROL NOTES**



**SITE PREPARATION**  
NO SCALE



**SEEDING CONTROL NOTES**

BY THE DEVELOPER:  
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A PERSONNEL CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN 'AS-BUILT' PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."  
*Arthur E. Muegge*  
DEVELOPER  
DATE: 8-2-88

BY THE ENGINEER:  
"I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE HOWARD SOIL CONSERVATION DISTRICT THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN 'AS-BUILT' PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."  
*Arthur E. Muegge*  
ENGINEER  
ARTHUR E. MUEGGE  
DATE: 7-28-88

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.  
*John A. Hill*  
U.S. SOIL CONSERVATION SERVICE  
DATE: 8/24/88

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
*Robert Ziehm*  
HOWARD S.D.  
DATE: 8/24/88

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
*John M. Boyman*  
COUNTY HEALTH OFFICER  
DATE: 7-12-88

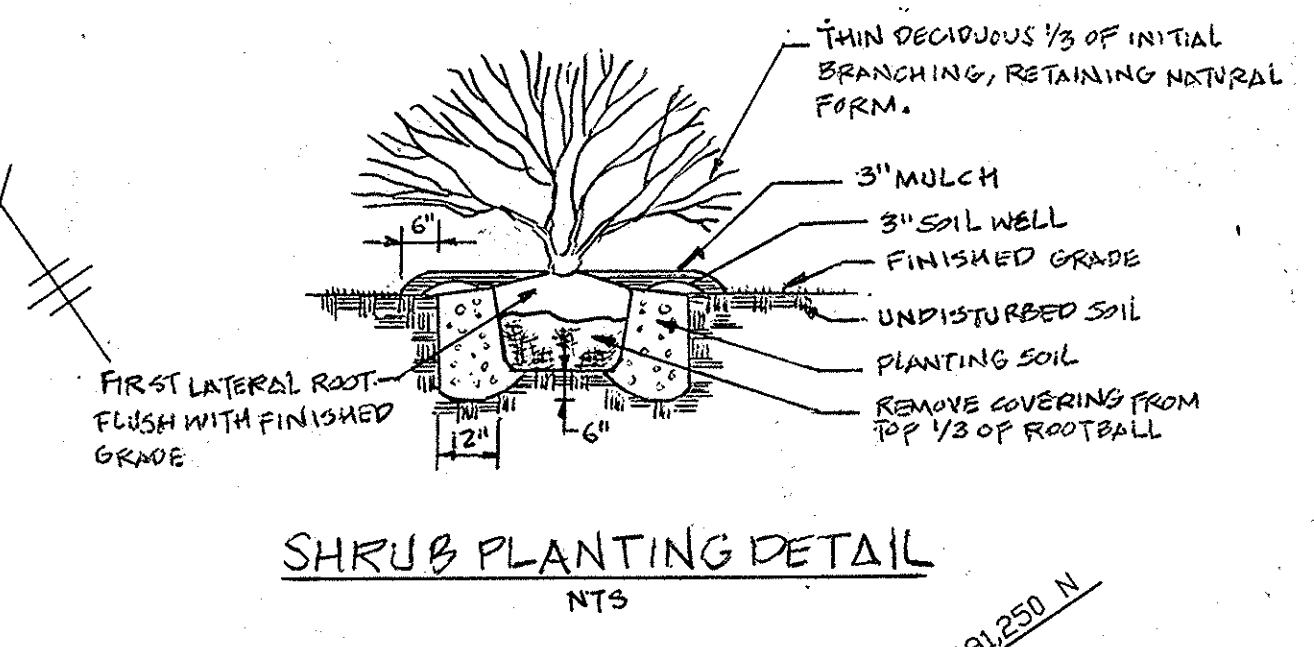
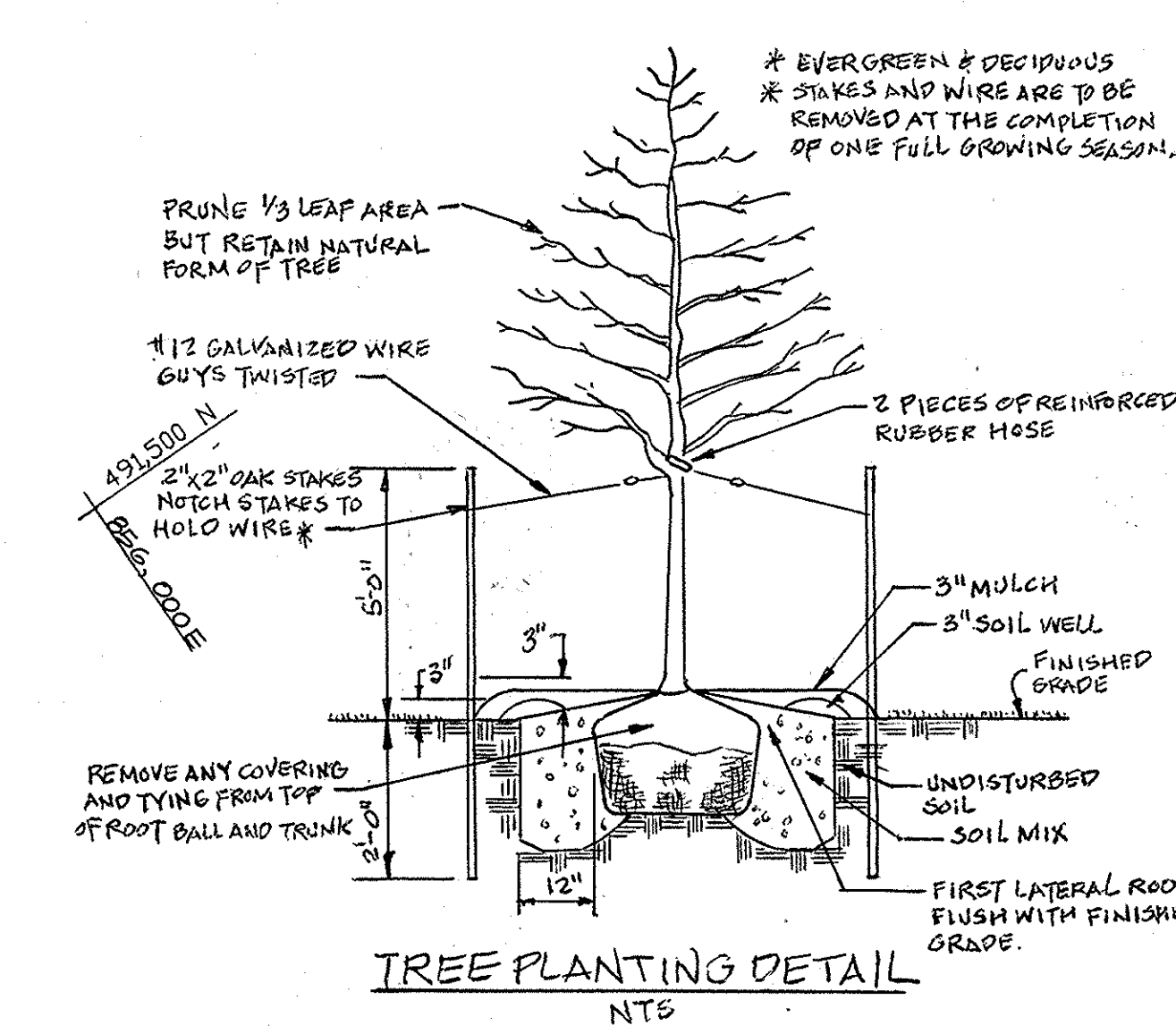
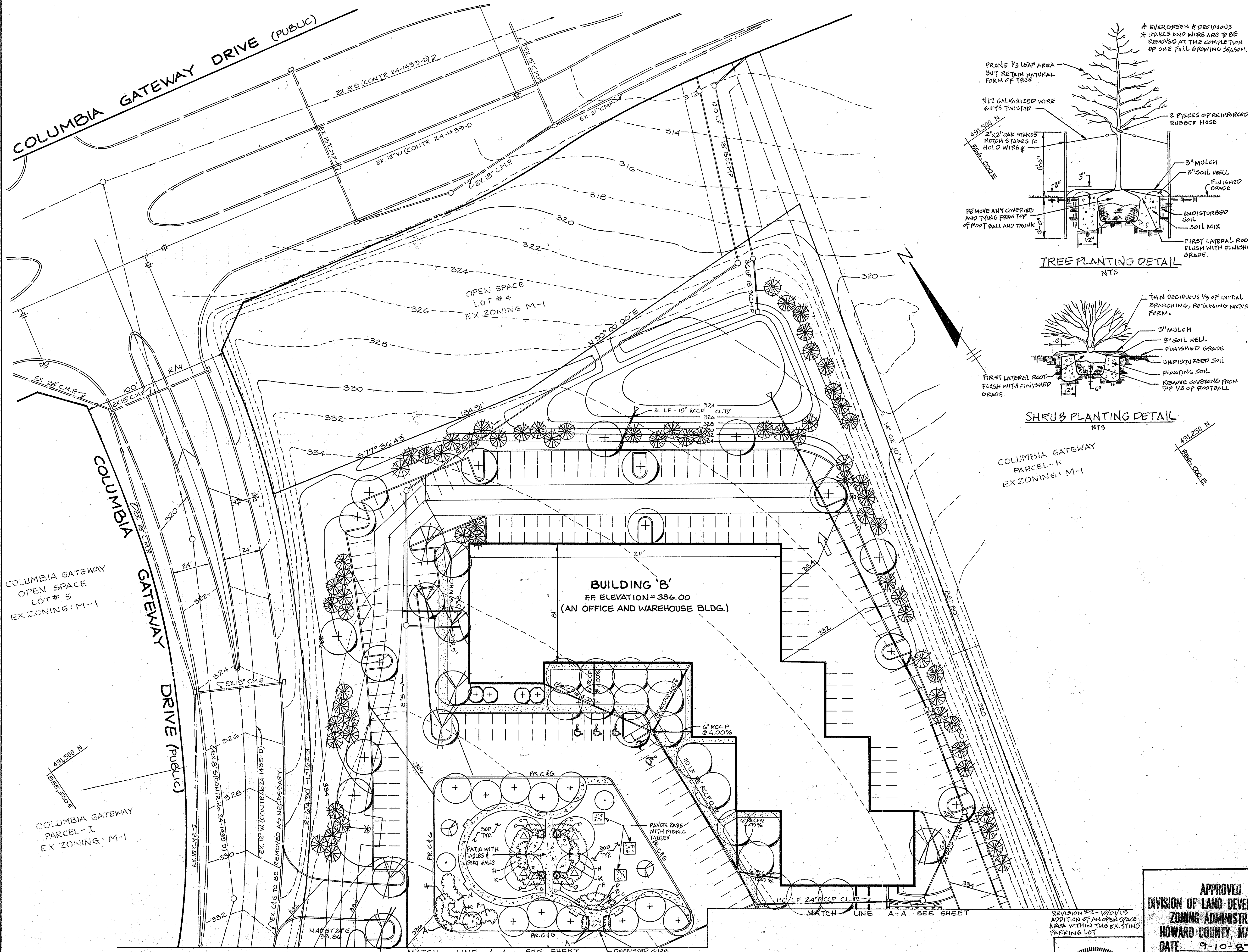
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*William J. ...*  
PLANNING DIRECTOR  
DATE: 9-22-88

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS.  
*William J. ...*  
DIRECTOR  
DATE: 9-22-88

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*William J. ...*  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
DATE: 9-22-88

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS.  
*William J. ...*  
CHIEF, BUREAU OF ENGINEERING  
DATE: 9-22-88

OWNER/DEVELOPER: ROUSE & ASSOCIATES, 5900 SYMPHONY WOODS OFFICE CENTER, SUITE 300, COLUMBIA, MARYLAND 21044, PHONE: (301) 740-0200  
PROJECT: MARYLAND NATIONAL BANK / FOX RUN (A REVISION OF SDF-87-15)  
AREA TAX MAP NO. 43, PLAT 6771, PARCEL F, COLUMBIA GATEWAY, 6TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
TITLE: STORM WATER MANAGEMENT AND SEDIMENT CONTROL NOTES AND DETAILS  
THE RIEMER GROUP, INC.  
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm  
3106 Health Park Drive, Ellicott City, Maryland 21043 (301) 461-8800  
DATE: 7-28-88  
DESIGNED BY: J.D.P.  
DRAWN BY: D.D.B.  
PROJECT NO: 81906  
DATE: JULY 28, 1988  
SCALE: AS SHOWN  
DRAWING NO. 7 OF 2  
SDF-88-38



**PLANT LIST**

KEY	QUANTITY	NAME	SIZE	SPACING
(A)	4	ZELKOVA "GREEN VASE"	2 1/2" - 3" CAL.	20' O.C.
(B)	11	BIRCH "OURA WENT"	10" HT.	20' O.C.
(C)	2	DEODARA CEDAR	8' - 10' HT.	AS SHOWN
(D)	3	GRAPE MYRTLE "NATCHEZ"	6' - 8' HT.	AS SHOWN
(E)	4	HYDRANGEA "ALL SUMMER BEAUTY"	5 GAL.	10' O.C.
(A)	50 SP	ANNUALS	1 GAL.	18" O.C.
(B)	13	DIANTHUS "FIRE WITCH"	1 GAL.	18" O.C.
(C)	106	COREOPSIS "ZAGREB"	1 GAL.	18" O.C.
(D)	45	SALVIA "MAY KNIGHT"	1 GAL.	18" O.C.
(F)	24	KARL FOSTER GRASSES	2 GAL.	30" O.C.
(H)	138	VARIEGATED LIRIOPE	1 GAL.	15" O.C.
(K)	24	KNOCK-OUT ROSES	3 GAL.	4' O.C.
(N)	9	WINTER GEM BOXWOODS	18" - 24"	4' O.C.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
*James M. Boyd* COUNTY HEALTH OFFICER 9-12-87 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*William* PLANNING DIRECTOR 9-22-87 DATE

APPROVED: CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT.  
*James J. J. J.* DATE 9-21-87

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC WORKS.  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James M. J.* DIRECTOR 9/9/88 DATE  
*William & J.* CHIEF, BUREAU OF ENGINEERING 9-9-88 DATE

OWNER/DEVELOPER  
 ROUSE & ASSOCIATES  
 5950 SYMPHONY WOODS OFFICE CENTER  
 SUITE 300  
 COLUMBIA, MARYLAND 21044  
 PHONE: (301) 740-0200

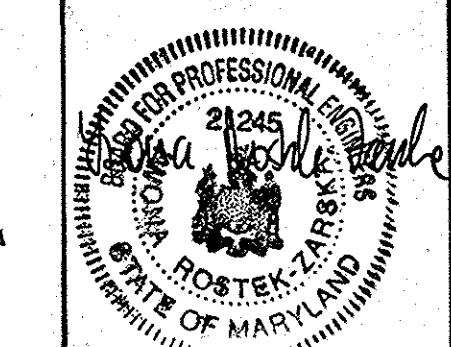
PROJECT:  
 MARYLAND NATIONAL BANK / FOX RUN  
 (A REVISION OF SDP-87-18)

TITLE:  
**PLANTING PLAN**

THE RIEMER GROUP, INC.  
 The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm  
 3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690

APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 9-10-87

REVISION #2 - 10/01/15  
 ADDITION OF AN OPEN SPACE AREA WITHIN THE EXISTING PARKING LOT



**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSED 21245, EXPIRATION DATE: JUNE 9, 2016.

DESIGNED BY: JFW
DRAWN BY: JFW
PROJECT NO: 31006
DATE: 8-23-87
SCALE: 1" = 30'
DRAWING NO. 8 OF 9

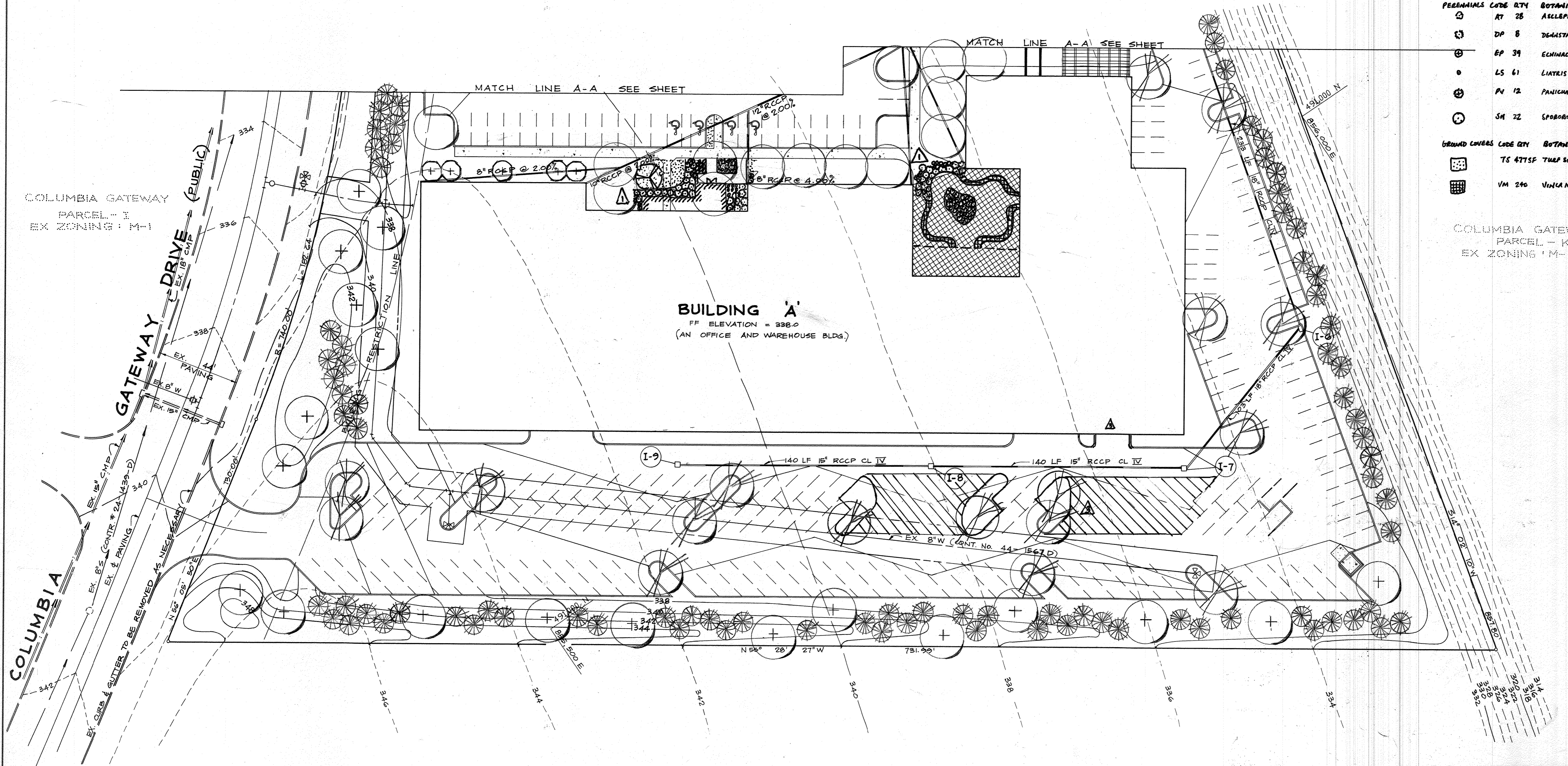


KEY	QTY	SIZE	LATIN NAME	COMMON NAME
	26	2 1/2" - 3" CAL	PLATANUS ACERIFOLIA	LONDON PLANE
	35	2 1/2" - 3" CAL	QUERCUS PALUSTRIS	PIN OAK
	30	2 1/2" - 3" CAL	TILIA CORDATA 'GREENSPIRE'	LITTLE LEAF LINDEN
	9	2" - 2 1/2" CAL	PRUNUS YEDOENSIS	YAMATO CHERRY
	155	6" - 8" HGT	PINUS STROBUS	WHITE PINE

491,250 N  
1596,000 E

NOTE  
1. ALL AREAS ARE TO BE SEEDED  
2. ALL PLANTING AS PER HED & GREENSPACE, INC. SPECIFICATIONS

PLANT SCHEDULE					
TREES	CODE	QTY	BOTANICAL NAME / COMMON NAME	CONT	SIZE
	MV	2	MAGNOLIA VIRGINICA / SWEET BAY	8 1/8	8'-10" H
SHRUBS					
CODE	QTY	BOTANICAL NAME / COMMON NAME	CONT		
CL	11	CLETHRA ALAINOLIA 'HUMMINGBIRD' / 'HUMMINGBIRD' SUMMERSWEET	5 GAL		
HW	11	HYDRANGEA QUERCIFOLIA 'PEEWEE' / 'PEEWEE' DANIELA HYDRANGEA	5 GAL		
IN	11	ITEA VIRGINICA 'HEAVY'S GARNET' / 'HEAVY'S GARNET' SWEETSPICE	5 GAL		
VA	5	VIBURNUM DENTATUM 'BLUE MUFFIN' / 'BLUE MUFFIN' ARBONOD VIBURNUM	5 GAL		
PERENNIALS					
CODE	QTY	BOTANICAL NAME / COMMON NAME	CONT		
RT	28	ASCLEPIAS TUBEROSA / BUTTERFLY MILKWORT	1 GAL		
DP	8	DECATONIA FUMICOLORATA / HAY-SCENTED FERN	1 GAL		
EP	39	ECHINACEA PURPUREA 'WHITE SWAN' / 'WHITE SWAN' CONEFLOWER	1 GAL		
LS	61	LIATRIS SPICATA 'KOBOLD' / SPIKE GAYFEATHER	1 GAL		
PA	12	PANICUM VIRGATUM 'NORTHWIND' / 'NORTHWIND' SWITCH GRASS	1 GAL		
SH	22	SPOBOBIUS METEORICUS / PRAIRIE DROPSEED	1 GAL		
GROUND COVERS					
CODE	QTY	BOTANICAL NAME / COMMON NAME	CONT	SPACING	
TS	47TSF	TRIFOLIUM REPENS / BROAD LEAF WHITE CLOVER	500	5'0"	
VM	240	VILCA MINOR / COMMON PERIWINKLE	FLAT	12" O.C.	



COLUMBIA GATEWAY  
PARCEL - I  
EX ZONING: M-1

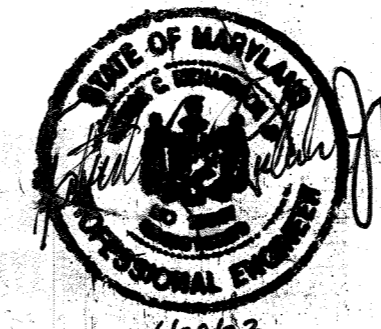
COLUMBIA GATEWAY  
PARCEL - K  
EX ZONING: M-1

**BUILDING 'A'**  
FF ELEVATION = 998.0  
(AN OFFICE AND WAREHOUSE BLDG.)

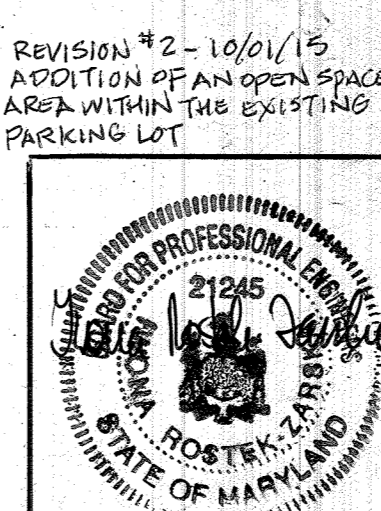
**PLAN**  
SCALE: 1" = 30'

COLUMBIA GATEWAY  
PARCEL - G  
EX ZONING: M-1

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
License No. 16597, Expiration Date: 8/15/25



**PROFESSIONAL CERTIFICATION**  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM ONLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2016.



APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 9-10-87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
J. M. ... 9-12-87  
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
W. ... 9-22-88  
PLANNING DIRECTOR

APPROVED: CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT.  
D. ... 9-21-87  
DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
D. ... 9-18-88  
DIRECTOR

APPROVED: CHIEF BUREAU OF ENGINEERING.  
D. ... 9-9-88  
DATE

6/29/83 3 ADD LOADING DOCK AND REMOVE PARKING  
1/10/84 1 NEW PATIO, SIDEWALK IMPROVEMENTS, VESTIBULE  
DATE NO. REVISION

OWNER / DEVELOPER  
ROUSE & ASSOCIATES  
5950 SYMPHONY WOODS OFFICE CENTER  
SUITE 300  
COLUMBIA, MARYLAND 21044  
PHONE: (301)-740-0200

PROJECT:  
MARYLAND NATIONAL BANK / FOX RUN  
(A REVISION OF SDP-87-12)

AREA TAX MAP NO. 43 PARCEL: F  
COLUMBIA GATEWAY PLAT NO. 6771  
9TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

TITLE:  
**PLANTING PLAN**

**THE RIEMER GROUP, INC.**  
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm  
3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2890

DATE: 9-10-87  
DESIGNED BY: JEW  
DRAWN BY: JEW  
PROJECT NO: 3100G  
DATE: 8-3-87  
SCALE: 1" = 30'  
DRAWING NO. 9 OF 9

SDP-88-33