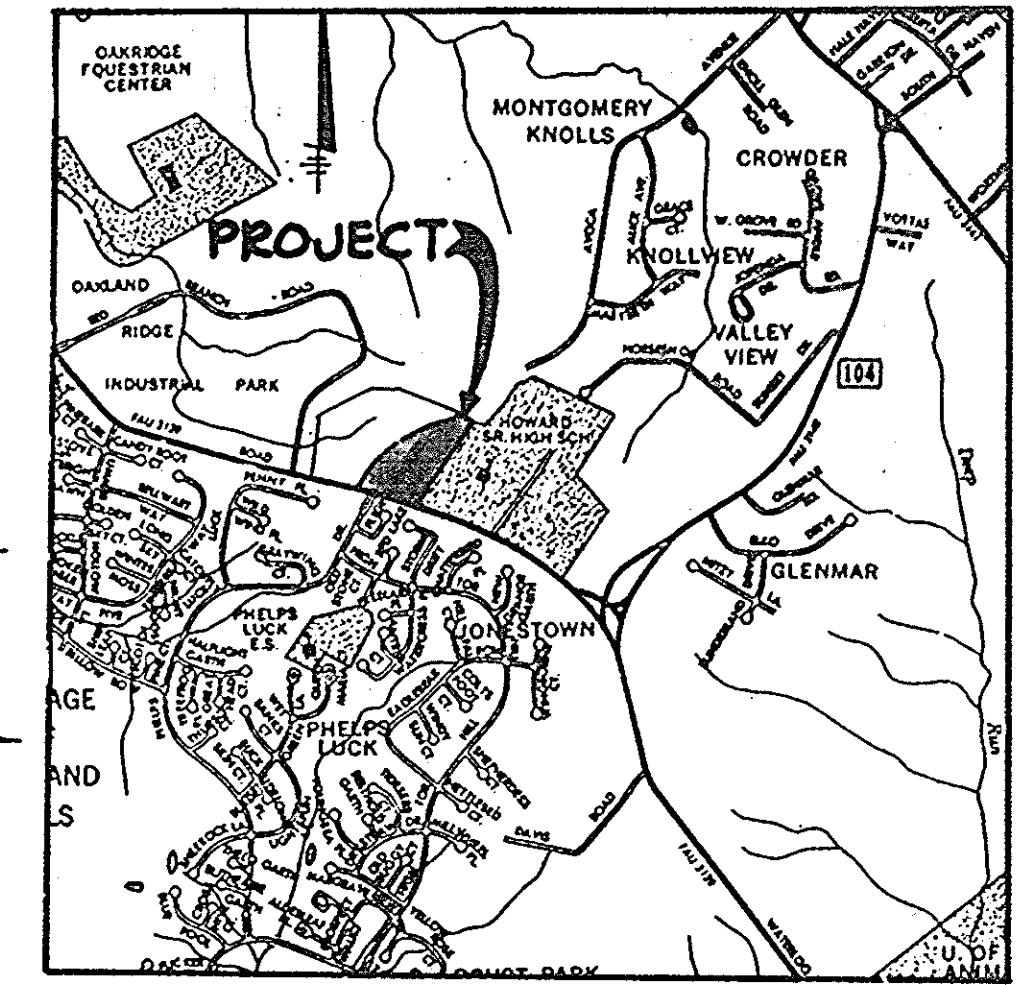


SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT PLAN
3	PROFILES & DETAILS
4	SEDIMENT CONTROL, PLAN, & DRAINAGE AREA MAP.
5	PLANNING PLAN

BUILDING NO. TWO SITE DEVELOPMENT PLAN OAKLAND EXECUTIVE PARK PARCEL B

2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND {AN ADDITION TO SDP-85-38}

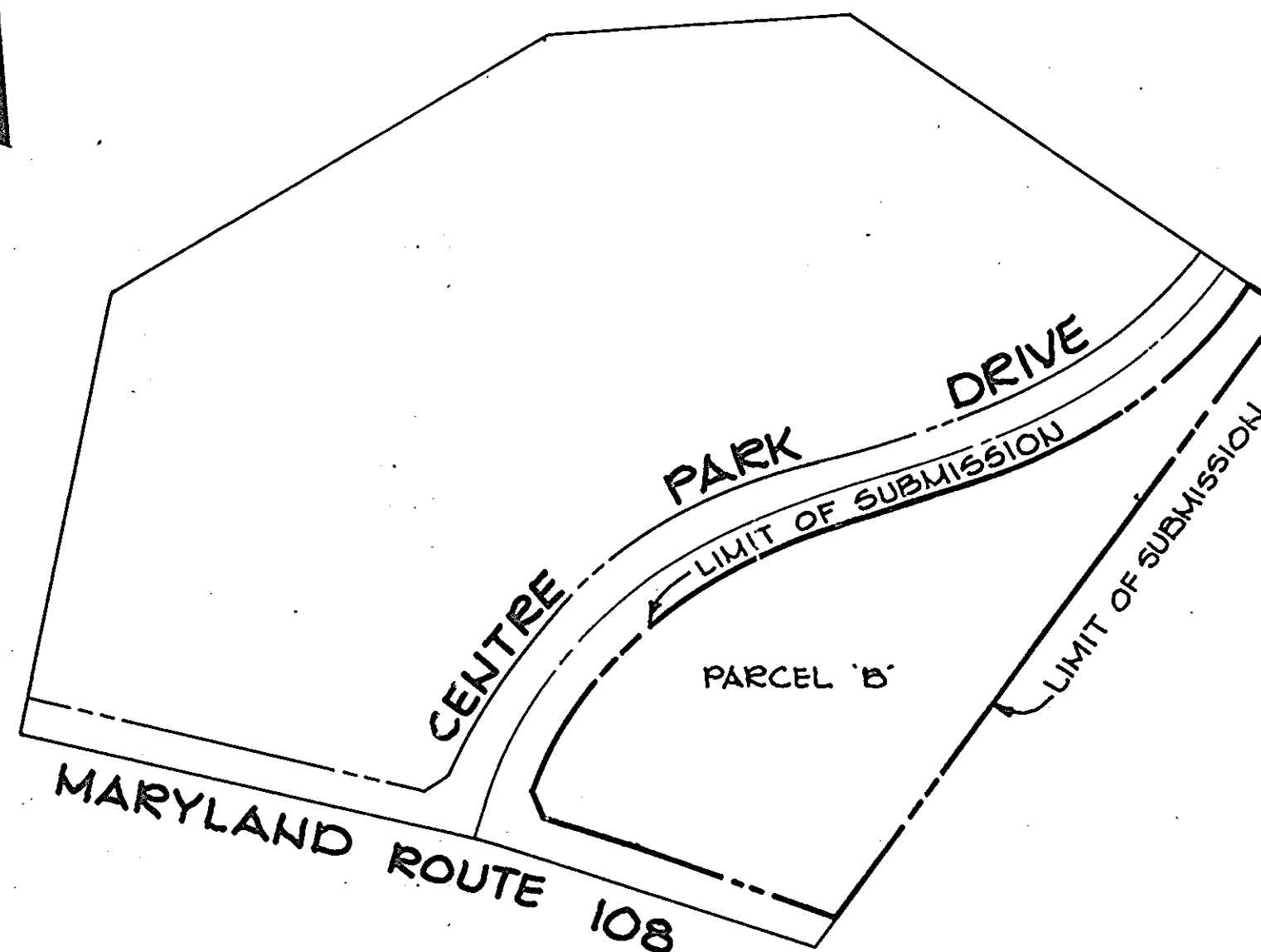


VICINITY MAP
SCALE: 1" = 2000'

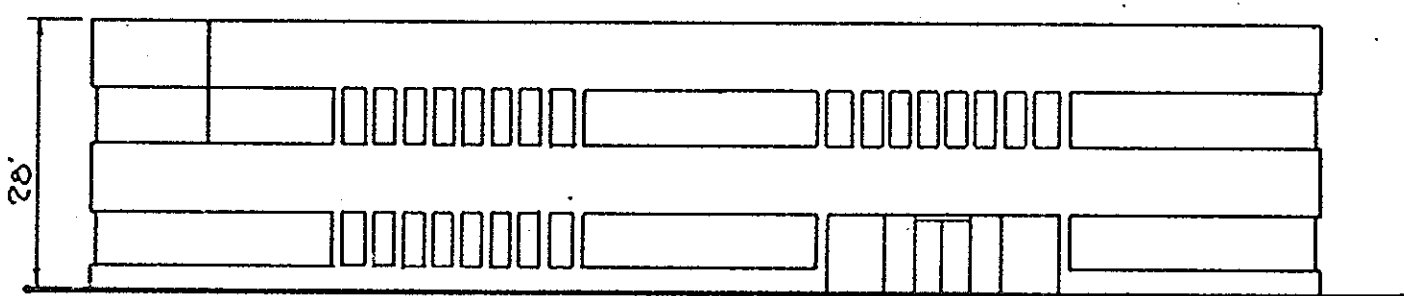
GENERAL NOTES

- 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 WATER TIGHT NEOPRENE GASKET. DIMPLE BAND CONNECTORS WILL NOT BE PERMITTED.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME 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, WHERE DIRECTED BY THE ENGINEER, A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:

MISS UTILITY	559-0100
C & P TELEPHONE COMPANY	725-9976
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
AT&T CABLE LOCATION DIVISION	393-3553
BALTIMORE GAS AND ELECTRIC COMPANY	685-0123
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 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.
- TOPO TAKEN FROM FIELD RUN SURVEY DATED MARCH, 1984 BY THE RIEMER GROUP, INC.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL STORM DRAIN PIPE BEDDING SHALL BE CLASS 'C' AS SHOWN IN FIG. 11.4 IN VOLUME I OF HOWARD COUNTY DESIGN MANUAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



PLAN
SCALE: 1" = 200'



SOUTH ELEVATION BUILDING NO. 2
NO SCALE

SITE TABULATION

Total Area	5.653 Ac.
Existing Zoning	M-1 (Board of Appeals Case No. 84-32-V)
Proposed Use	Office & Retail, in accordance with Section 116.A & B, Howard County Zoning Regulations
Building No. 1 (Three Story Building)	
Coverage	14,730 SF (6%)
First Floor	13,332 SF (7,383 SF Office, 7600 SF Retail*)
Second Floor	14,727 SF (100% Office Use)
Third Floor	14,162 SF (100% Office Use)
Building No. 2 (Two Story Building)	
Coverage	13,332 SF (5.4%)
First Floor	13,332 SF (7,383 SF Office, 5,800 SF Retail*)
Second Floor	12,587 SF (100% Office Use)
Total Building Coverage	20,062 SF (11.4%)
Parking Required	
13,400 SF Retail	
@ 1 space per 200 SF	= 67 spaces
190 Office Employees	
@ 7 spaces per	
10 employees	= 133 spaces
Total Required Parking	200 spaces
Parking Provided	
(including 8 handicapped spaces)	203 spaces
Open Space Required	49,249 SF (20%)
Open Space Provided	125,500 SF (51%)

* Retail Areas to include: bank, savings & loan or other financial institutions; and personal service establishments.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joyce Eyles 4-30-85
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
Donald A. Hamill 5-1-85
PLANNING DIRECTOR DATE
William M. ... 5-1-85
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Robert M. ... 4-29-85
DIRECTOR DATE
James D. ... 4-24-85
CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO.	REVISION
		ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP 1000 EQUITABLE BANK CENTER COLUMBIA, MARYLAND 21044
		ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP 1000 EQUITABLE BANK CENTER COLUMBIA, MARYLAND 21044
PROJECT: OAKLAND EXECUTIVE PARK - PARCEL 'B'		
AREA: OAKLAND EXECUTIVE PARK PARCEL 'B' TAX MAP NO. 50 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE: TITLE SHEET		

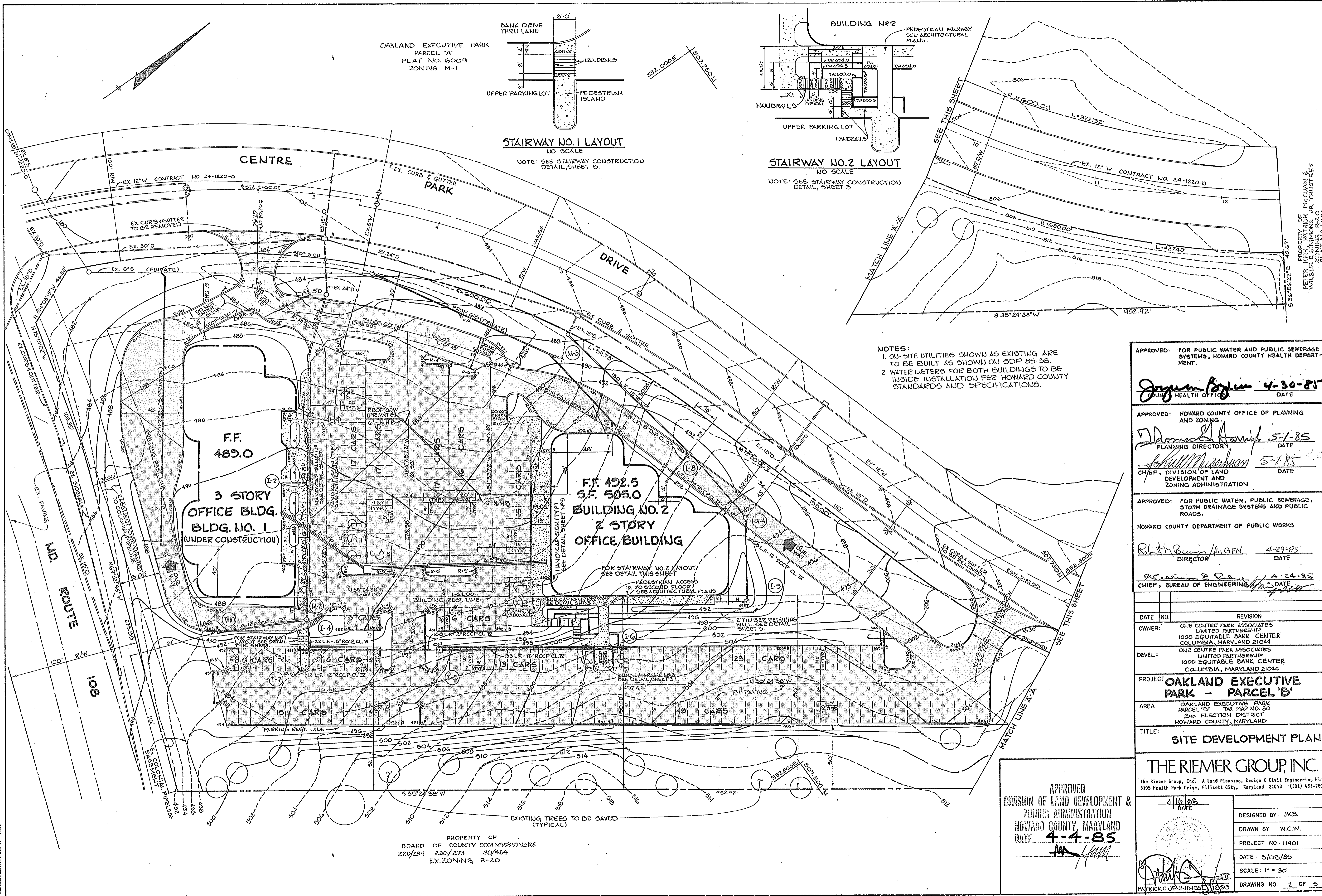
THE RIEMER GROUP, INC.
A LAND PLANNING, DESIGN & CIVIL ENGINEERING FIRM
3105 HEALTH PARK DRIVE, ELLICOTT CITY, MD. 21043 301 461-2690

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 4-4-85

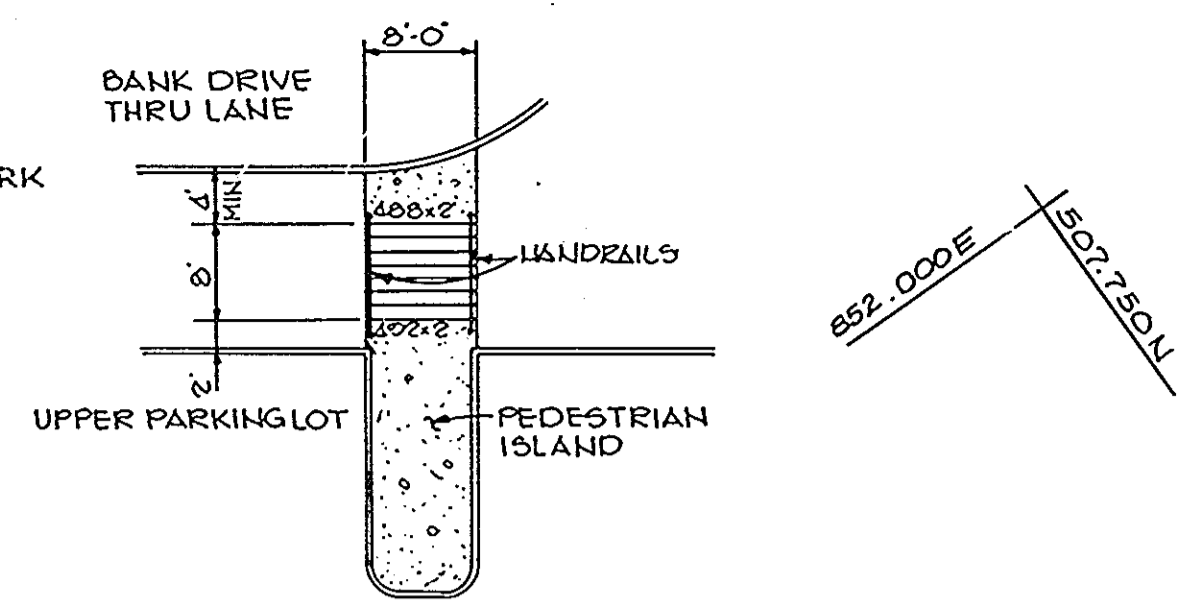
ADDRESS CHART	
L.V. NUMBER	STREET ADDRESS
BUILDING #1	8808 CENTRE PARK DRIVE
BUILDING #2	8818 CENTRE PARK DRIVE

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
OAKLAND EXECUTIVE PARK		PARCEL B
PLAT # OR L.V. BLOCK #	ZONE	TAX / ZONE MAP / ELEC. DIST. / CENSUS TR.
6002	1B M-1	30 2ND 6023.02
WATER CODE	SEWER CODE	
607	5657400	

DESIGNED BY: J.K.B.
DRAWN BY: DAM
PROJECT NO: 011001
DATE: 3/08/85
SCALE: AS SHOWN
DRAWING NO. 1 OF 5

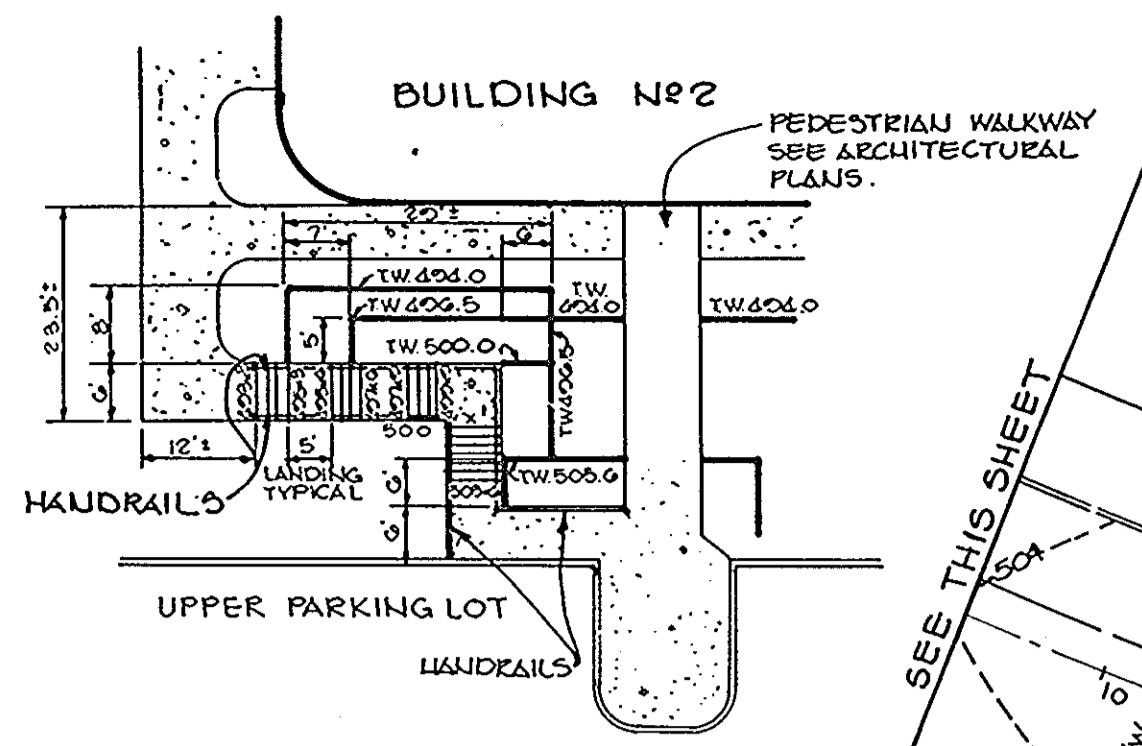


OAKLAND EXECUTIVE PARK
PARCEL "A"
PLAT NO. 6004
ZONING M-1



STAIRWAY NO. 1 LAYOUT
NO SCALE

NOTE: SEE STAIRWAY CONSTRUCTION
DETAIL, SHEET 3.



STAIRWAY NO. 2 LAYOUT
NO SCALE

NOTE: SEE STAIRWAY CONSTRUCTION
DETAIL, SHEET 3.

- NOTES:
1. ON-SITE UTILITIES SHOWN AS EXISTING ARE TO BE BUILT AS SHOWN ON SDP 85-38.
 2. WATER METERS FOR BOTH BUILDINGS TO BE INSIDE INSTALLATION PER HOWARD COUNTY STANDARDS AND SPECIFICATIONS.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Jayman Boylan 4-30-85
HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
Donald A. Smith 5-1-85
PLANNING DIRECTOR DATE
William M. ... 5-1-85
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Robert B. ... 4-29-85
DIRECTOR DATE

William S. ... 4-24-85
CHIEF, BUREAU OF ENGINEERING DATE

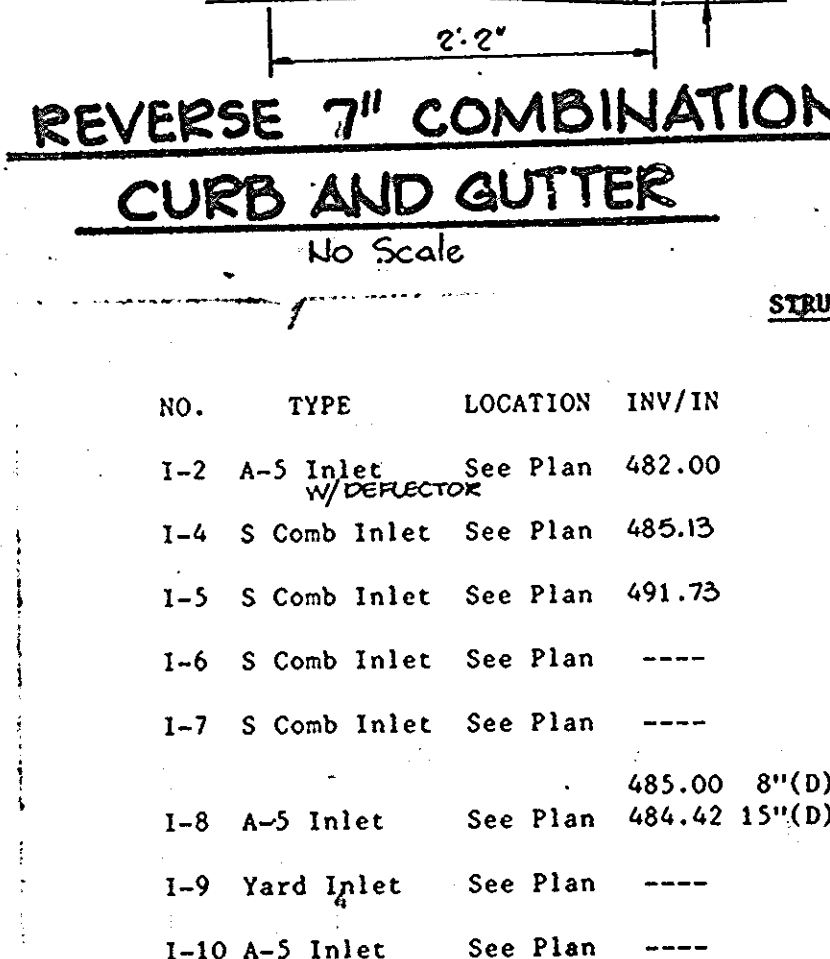
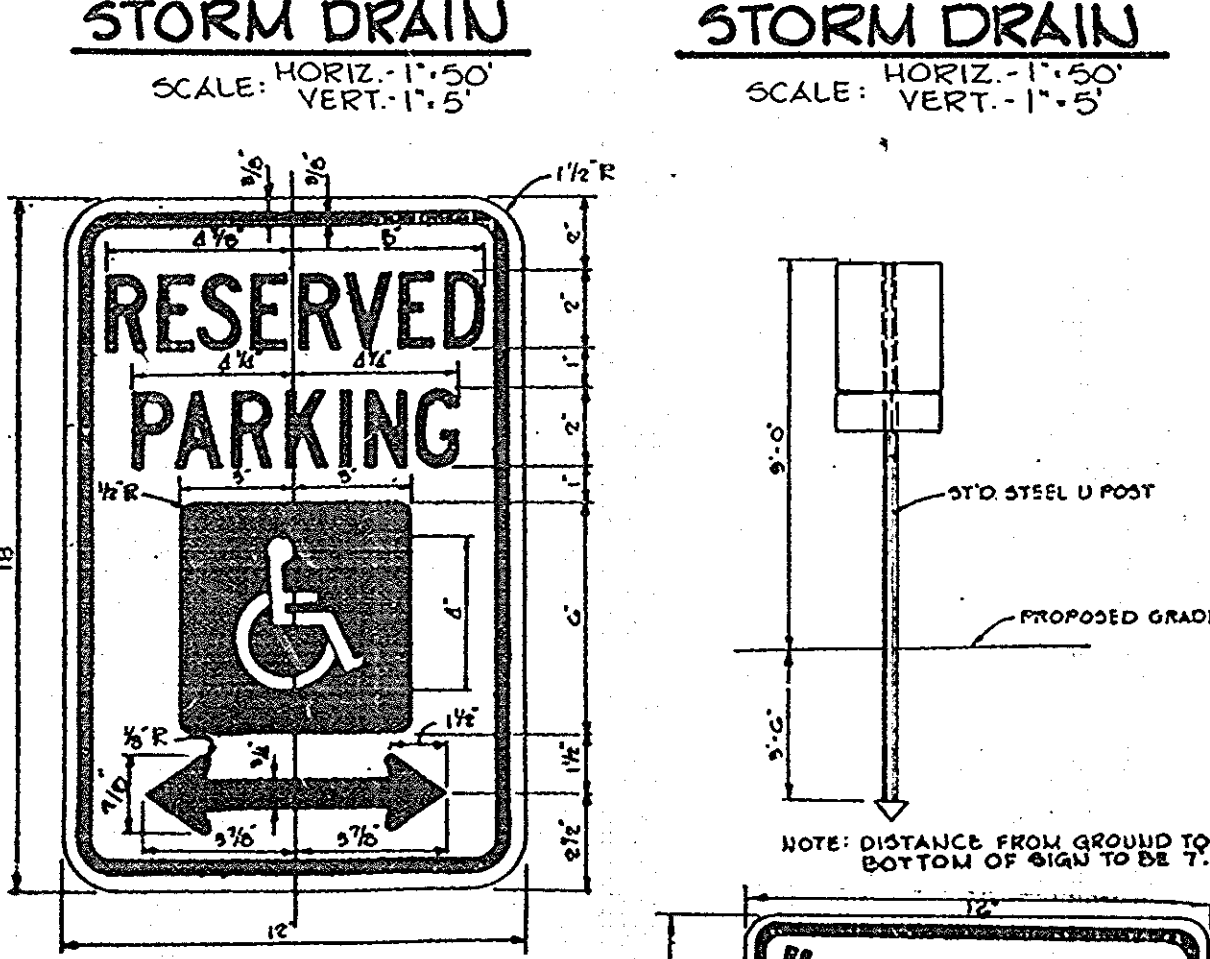
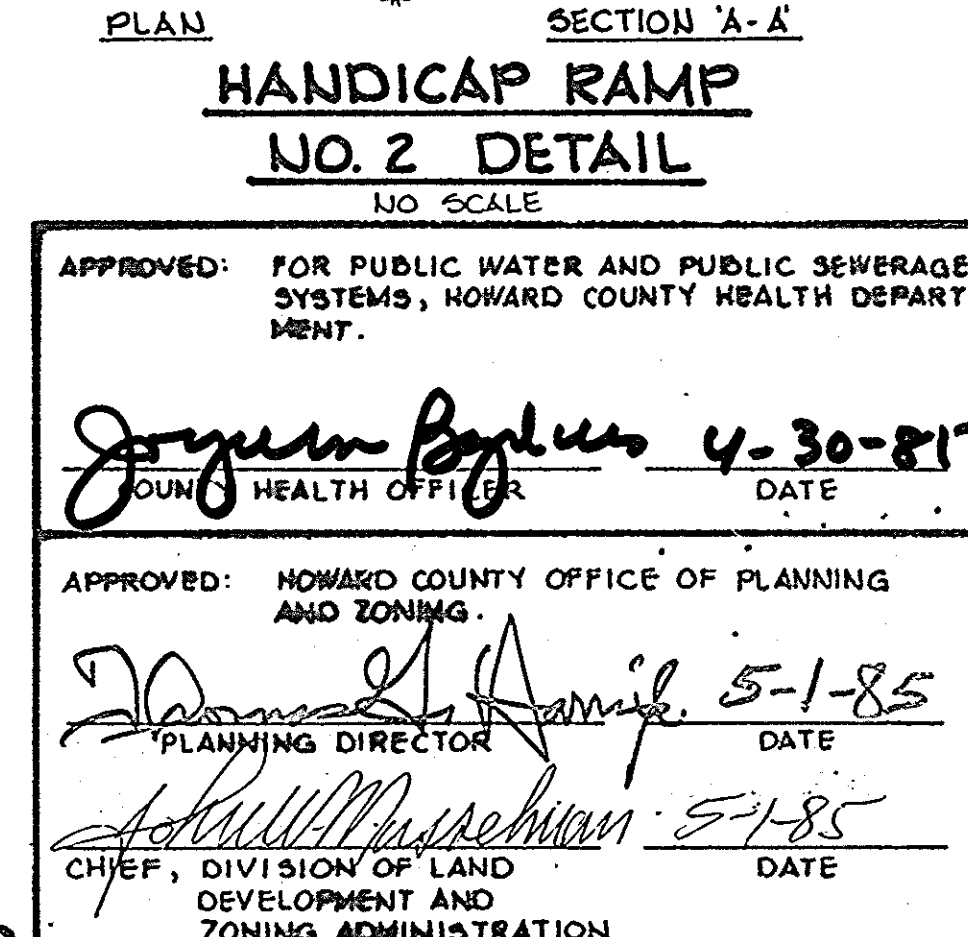
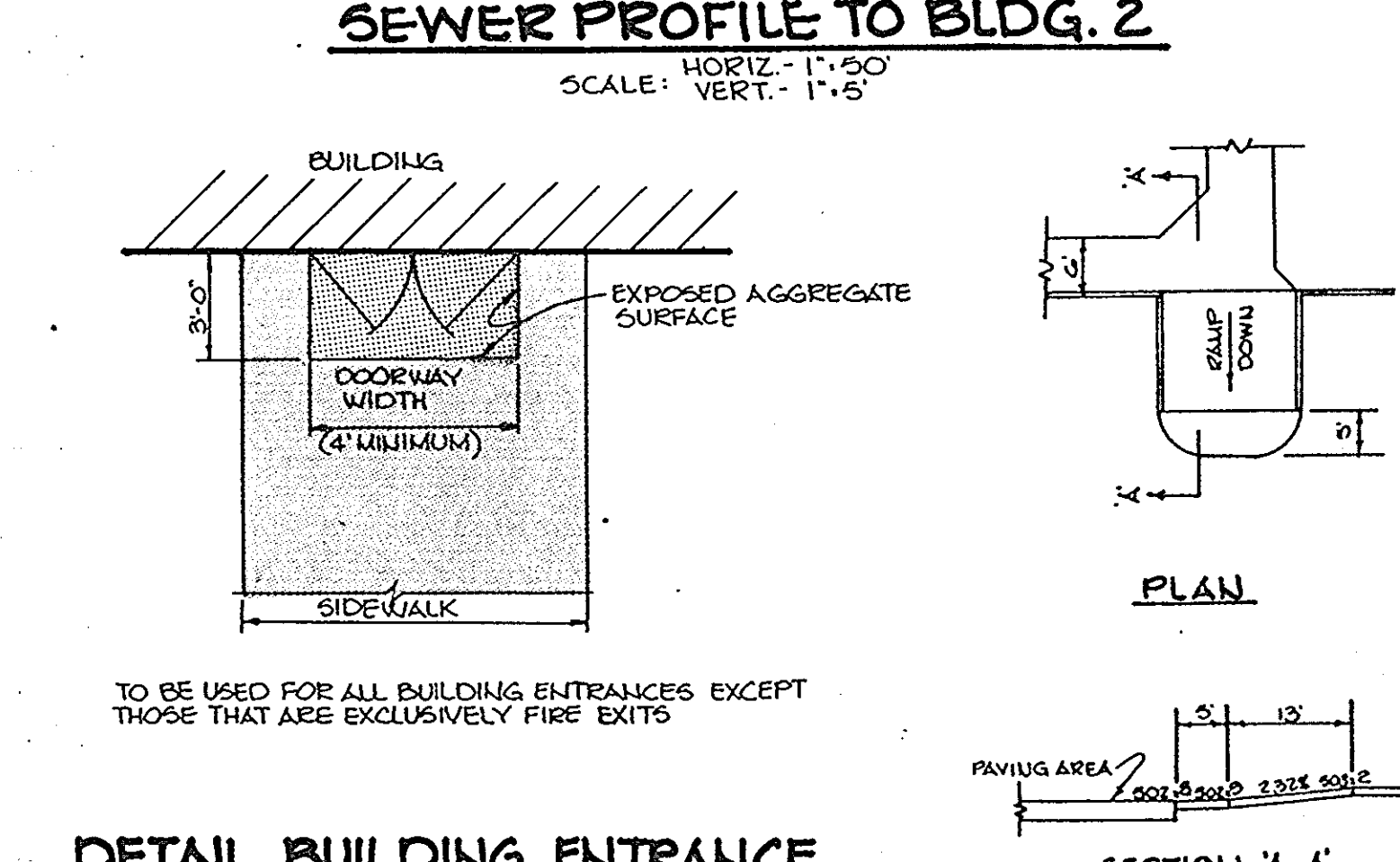
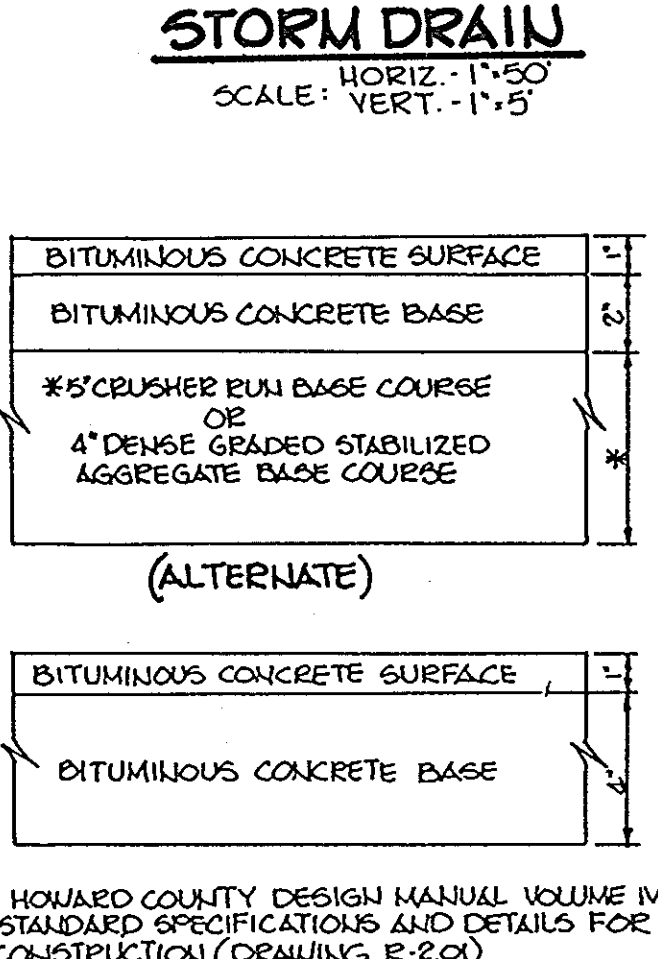
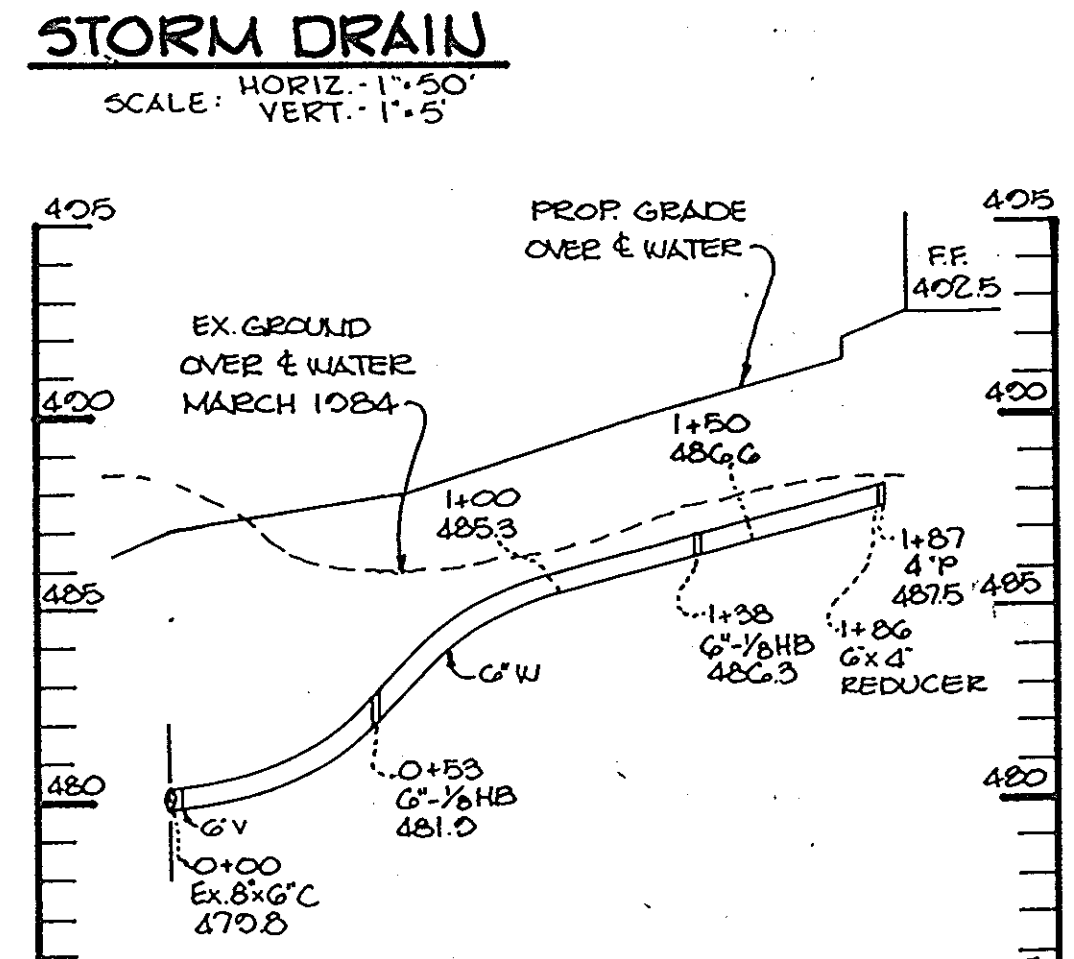
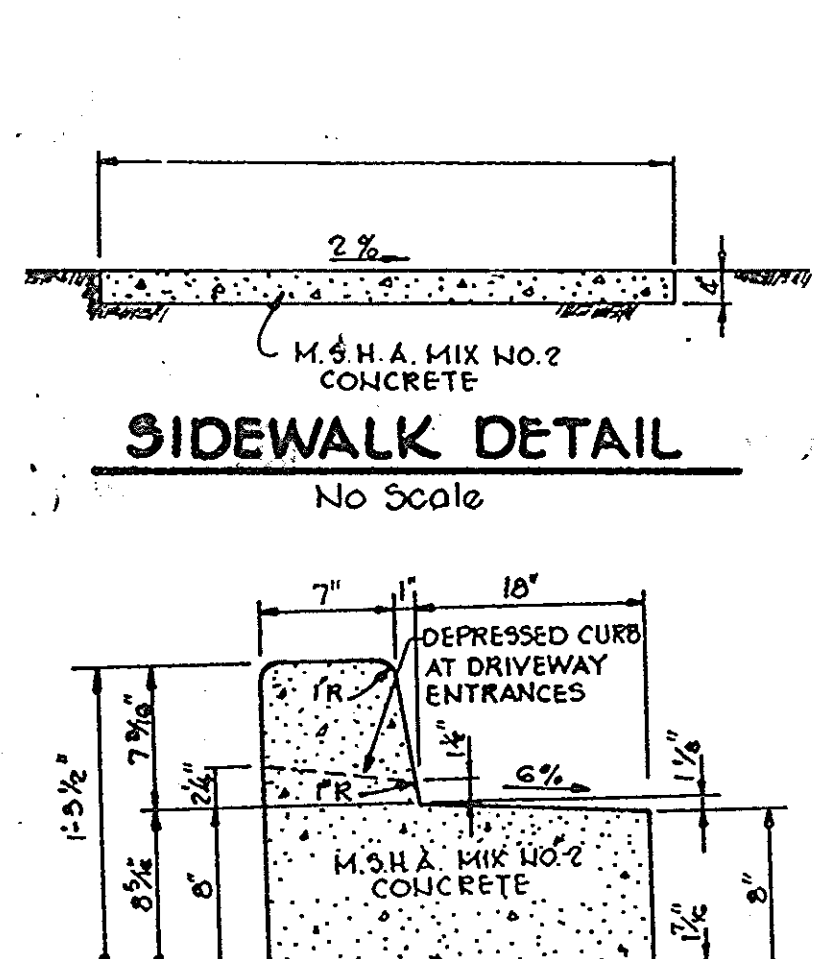
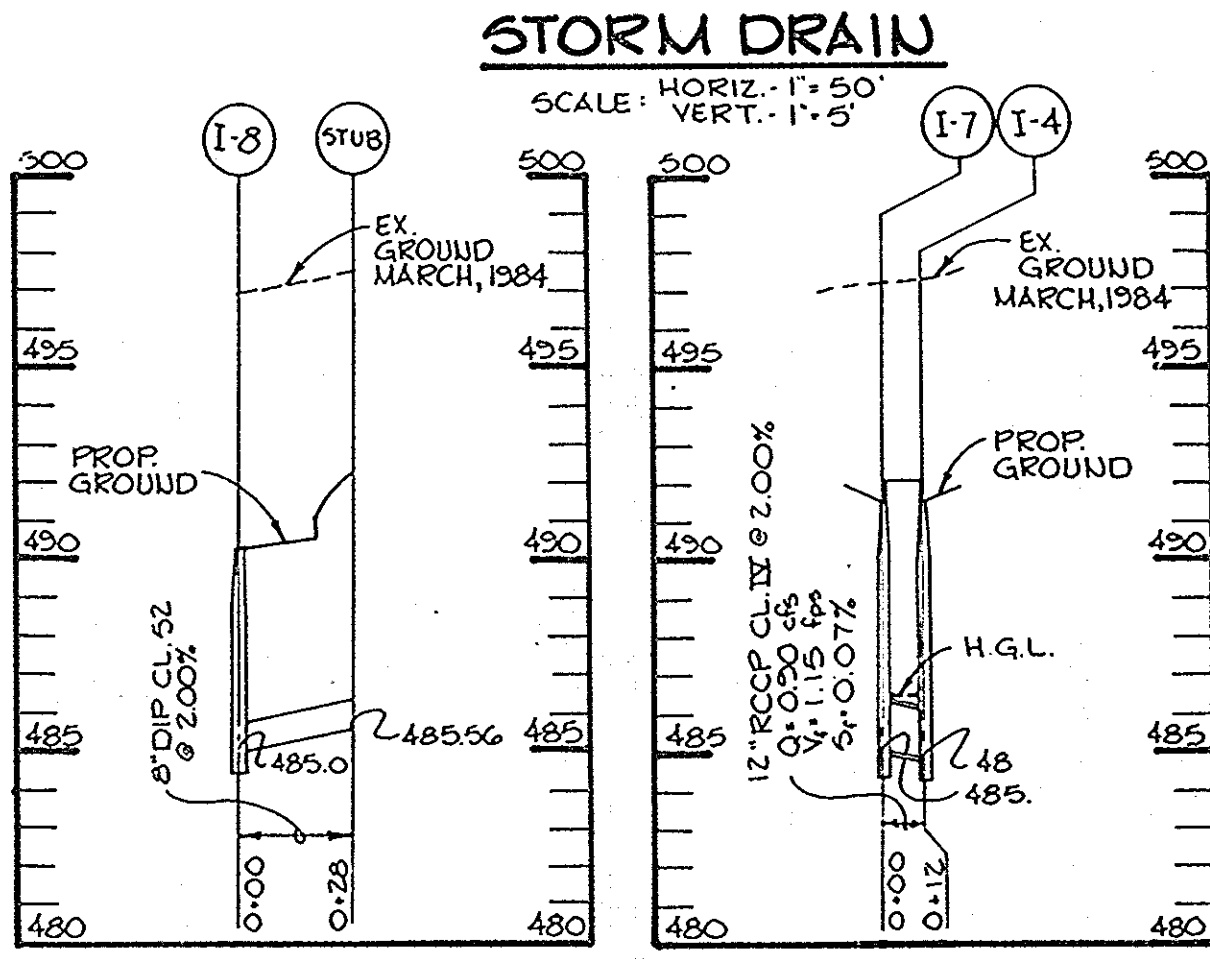
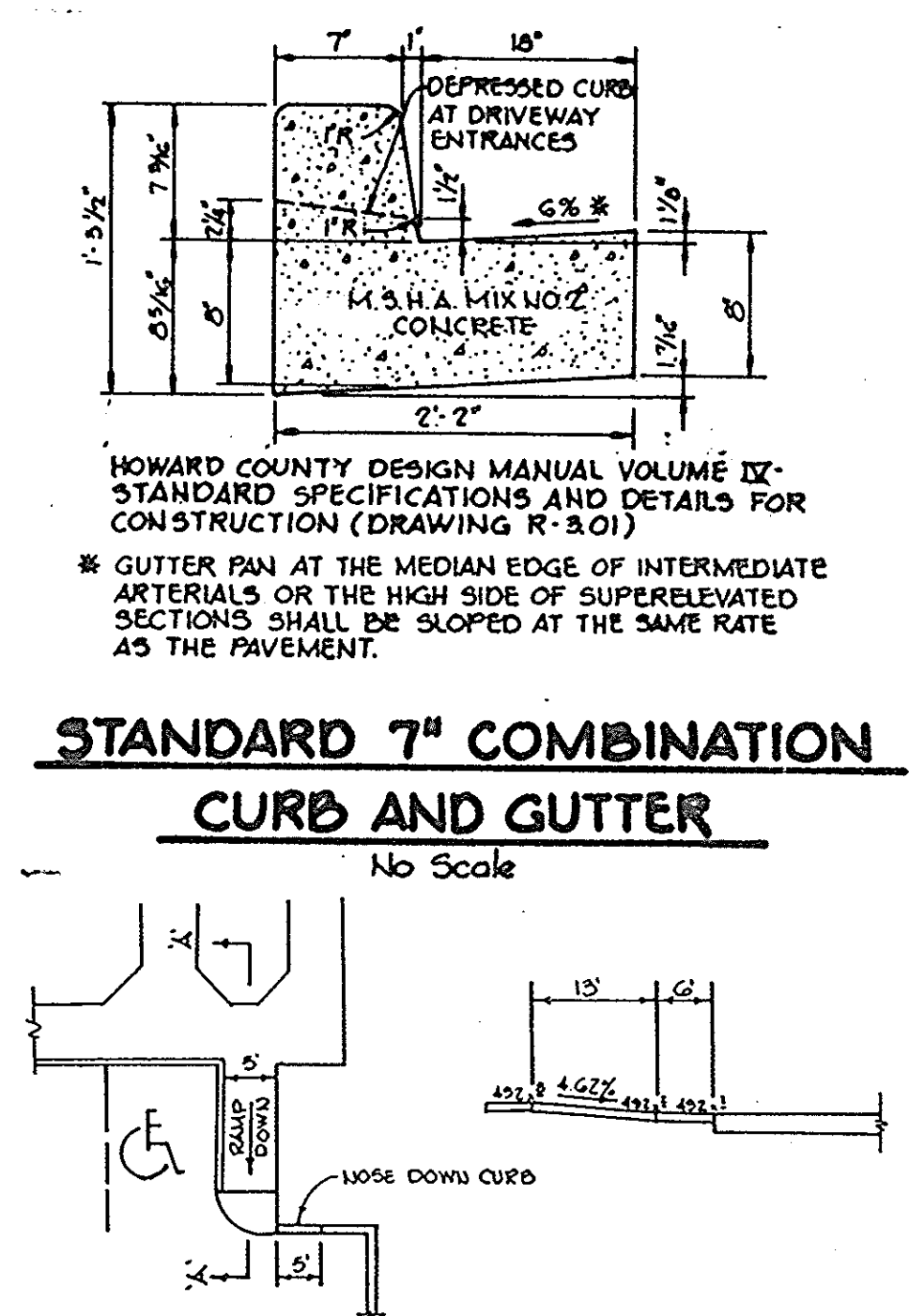
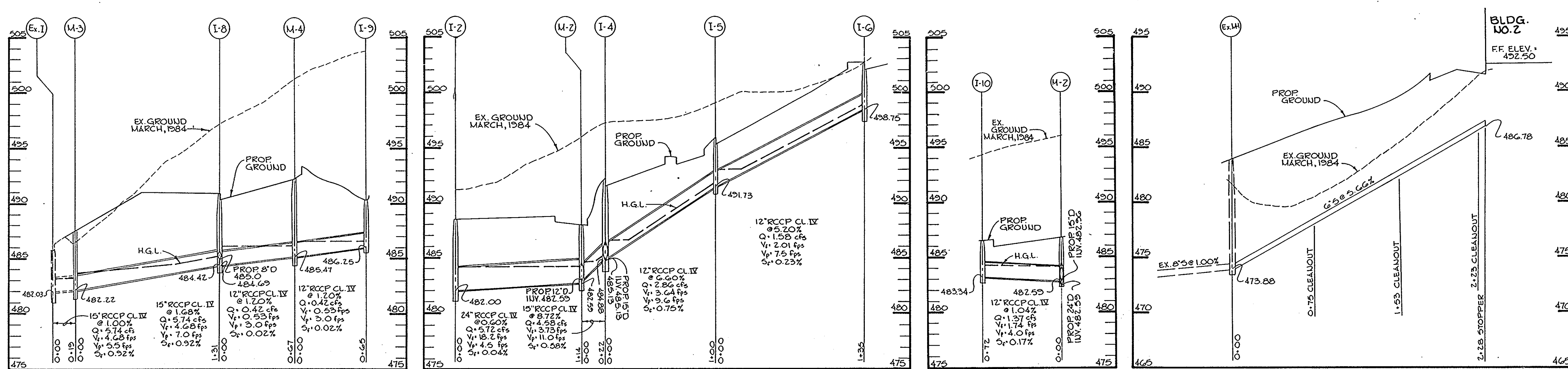
DATE	NO.	REVISION
OWNER: ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP 1000 EQUITABLE BANK CENTER COLUMBIA, MARYLAND 21044		
DEVEL: ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP 1000 EQUITABLE BANK CENTER COLUMBIA, MARYLAND 21044		
PROJECT: OAKLAND EXECUTIVE PARK - PARCEL 'B'		
AREA: OAKLAND EXECUTIVE PARK PARCEL 'B' TAX MAP NO. 30 2ND 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 Health Park Drive, Ellicott City, Maryland 21043 (301) 461-2500

APPROVED: DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 4-4-85

DESIGNED BY: JKB
DRAWN BY: W.C.W.
PROJECT NO: 11901
DATE: 3/08/85
SCALE: 1" = 30'
DRAWING NO. 2 OF 5

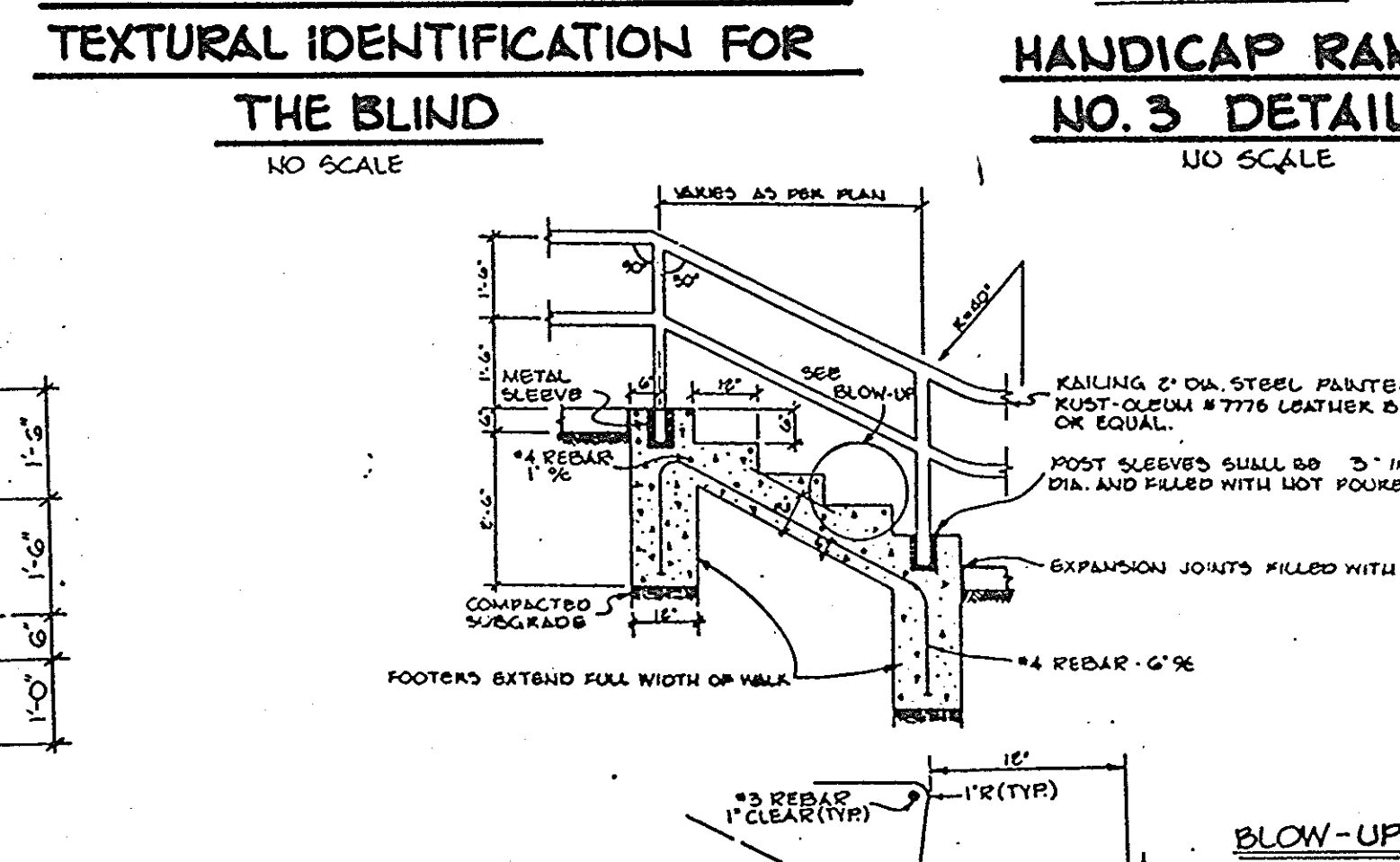
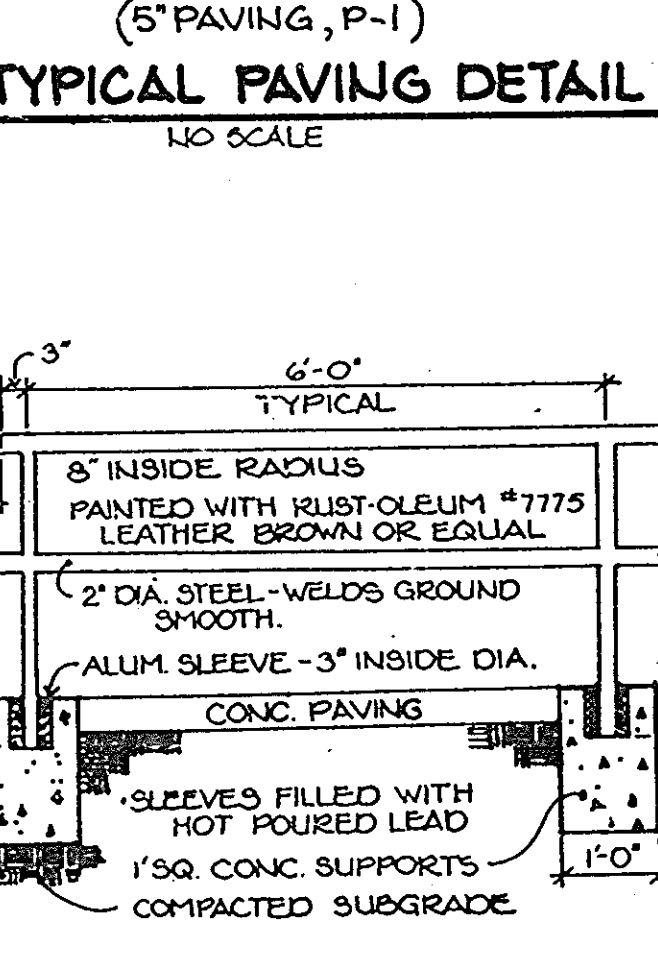
PROPERTY OF
BOARD OF COUNTY COMMISSIONERS
220/234 230/273 30/464
EX. ZONING R-20



STRUCTURE SCHEDULE

NO.	TYPE	LOCATION	INV/IN	INV/OUT	T.C. ELEV	REMARKS
I-2	A-5 Inlet w/ DEFLECTOR	See Plan	482.00	482.00	488.5	Ho. Co. Std. Detail SD 4.01
I-4	S Comb Inlet	See Plan	485.13	484.88	492.1	Ho. Co. Std. Detail SD 4.32
I-5	S Comb Inlet	See Plan	491.73	491.73	495.9	Ho. Co. Std. Detail SD 4.32
I-6	S Comb Inlet	See Plan	---	498.75	503.2	Ho. Co. Std. Detail SD 4.32
I-7	S Comb Inlet	See Plan	---	485.37	492.1	Ho. Co. Std. Detail SD 4.32
I-8	A-5 Inlet	See Plan	485.00 8\"(D)	484.42 15\"(D)	490.8	Ho. Co. Std. Detail SD 4.01
I-9	Yard Inlet	See Plan	---	486.25	*490.3	Ho. Co. Std. Detail SD 4.14
I-10	A-5 Inlet	See Plan	---	483.33	486.4	Ho. Co. Std. Detail SD 4.01
M-2	4'0\" Std. M.H	See Plan	482.96	482.59	*487.81	Ho. Co. Std. Detail G 5.01 OR G 5.12
M-3	4'0\" Std. M.H	See Plan	482.22	482.22	*487.6	Ho. Co. Std. Detail SD 4.01 OR G 5.12
M-4	4'0\" Std. M.H	See Plan	485.47	485.47	*492.38	Ho. Co. Std. Detail G 5.01 OR G 5.12

* Elevations at rim or top of grate



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

Joyce Byles 4-30-81
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

James A. Smith 5-1-85
PLANNING DIRECTOR DATE

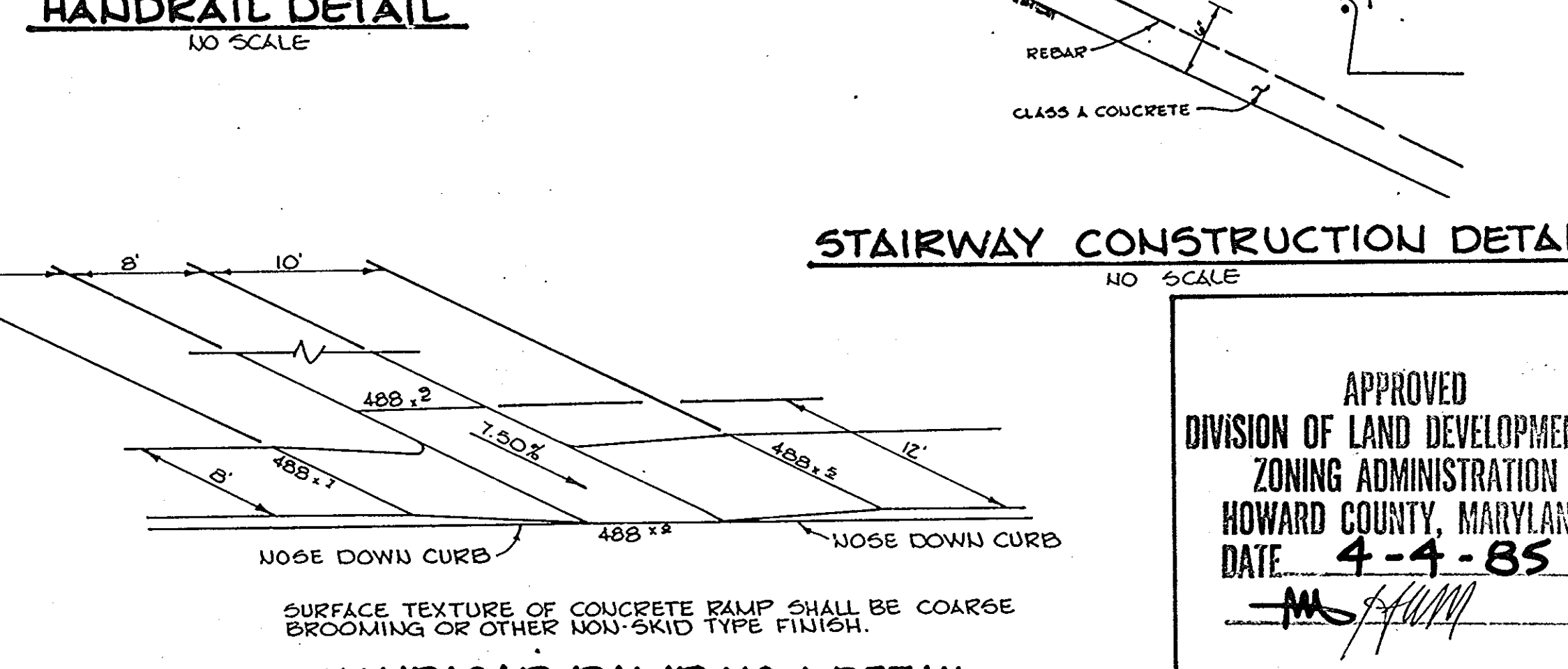
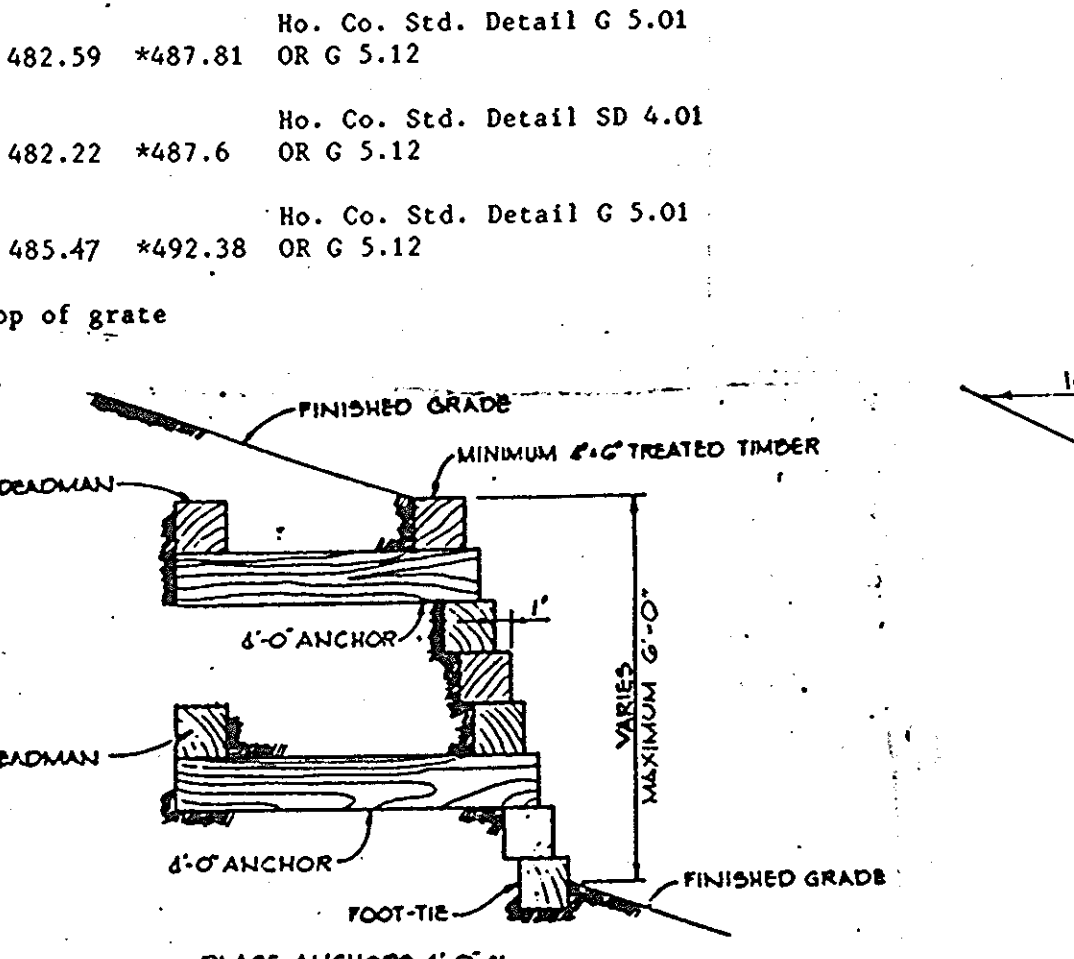
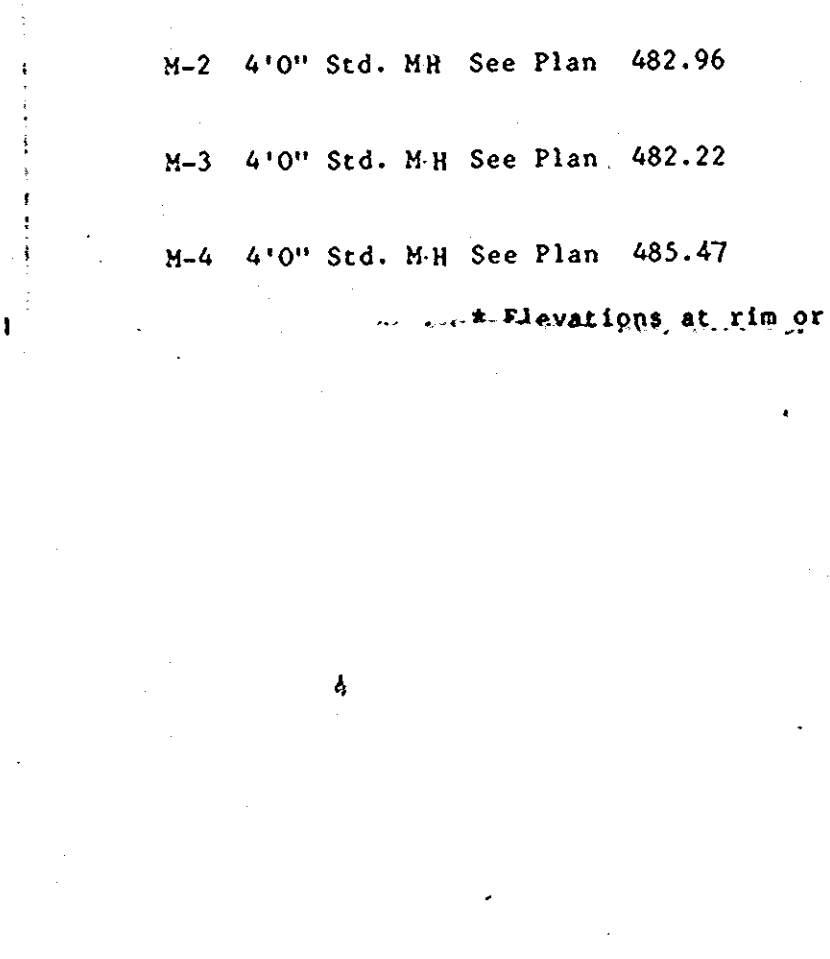
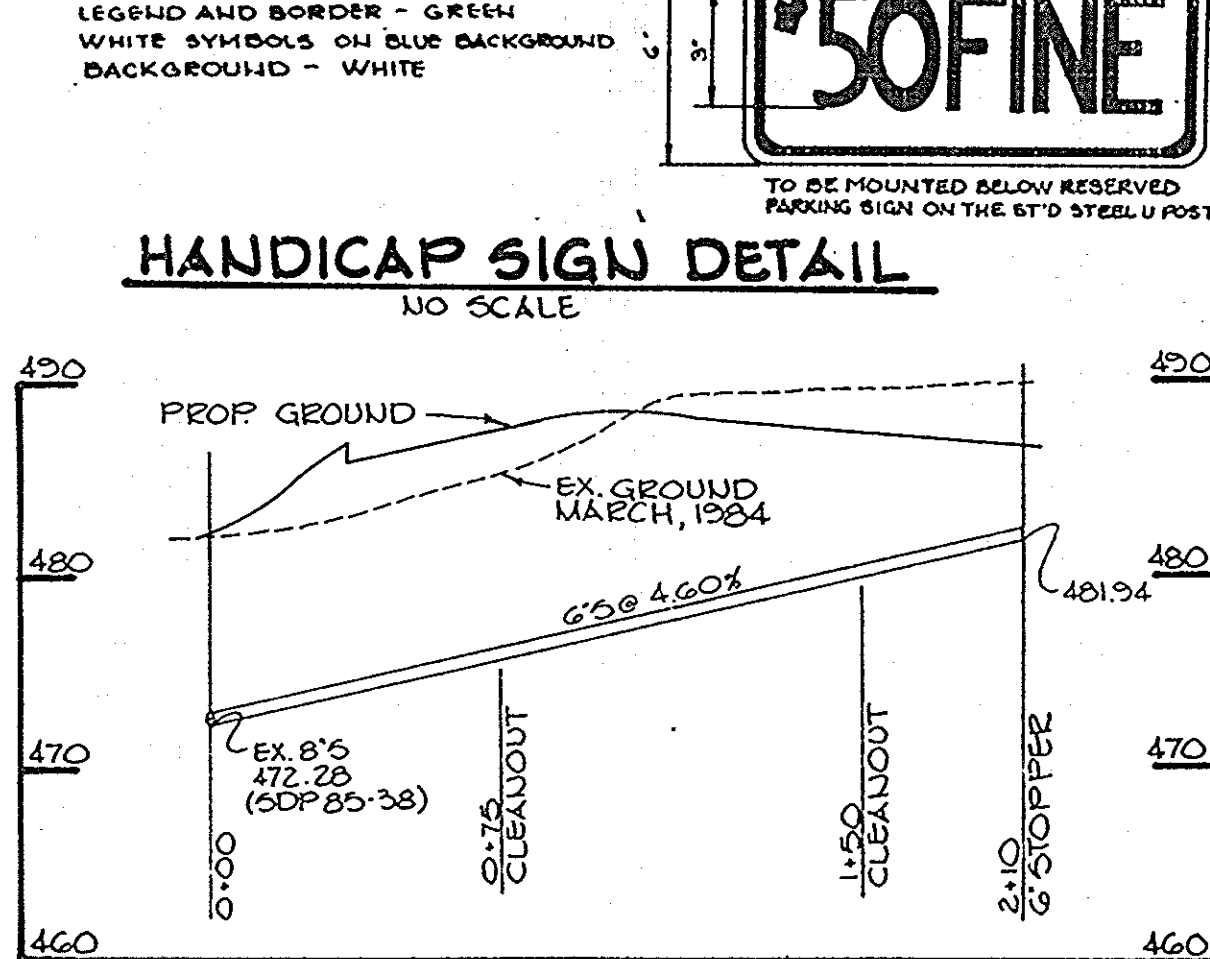
William M. Sherman 5-1-85
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Rhett B. Bessinger 4-29-85
DIRECTOR DATE

William M. Sherman 4-24-85
CHIEF, BUREAU OF ENGINEERING DATE



DATE NO REVISION

OWNER: OJJE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP
1000 EQUITABLE BANK CENTER
COLUMBIA, MARYLAND 21044

DEVEL.: OJJE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP
1000 EQUITABLE BANK CENTER
COLUMBIA, MARYLAND 21044

PROJECT: OAKLAND EXECUTIVE PARK - PARCEL 'B'

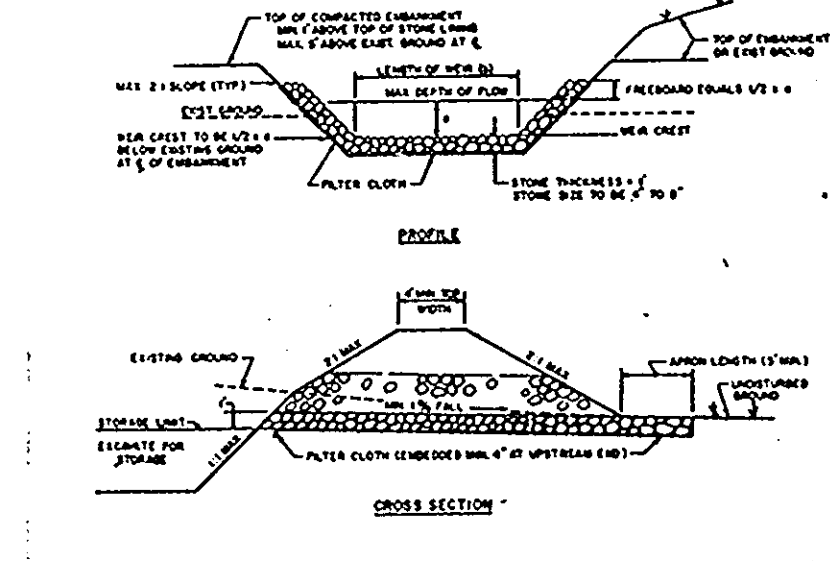
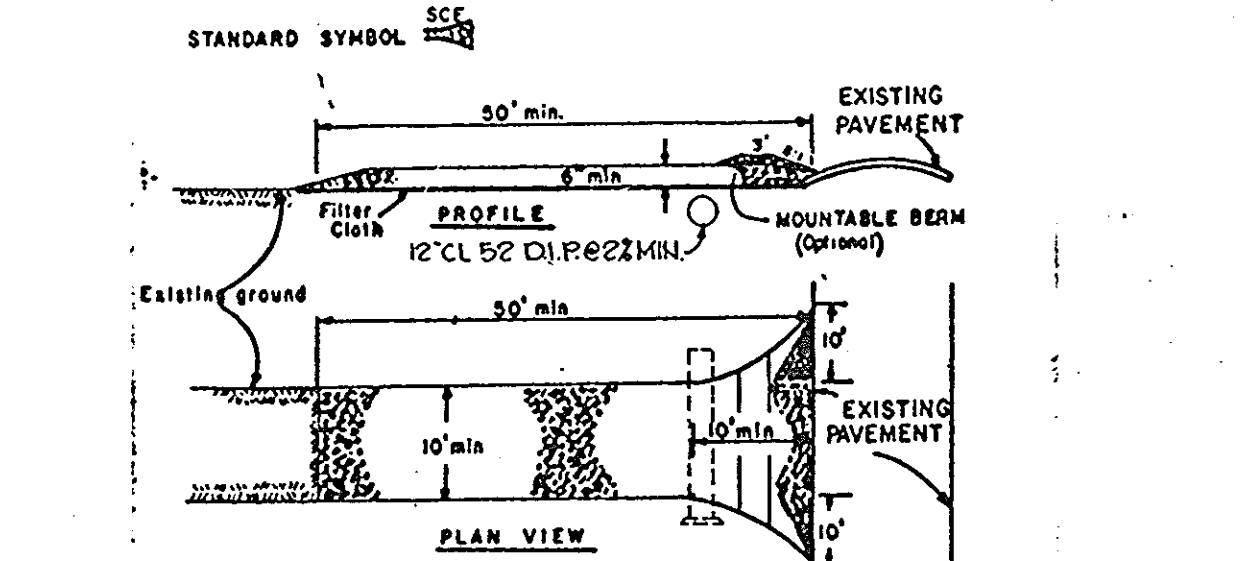
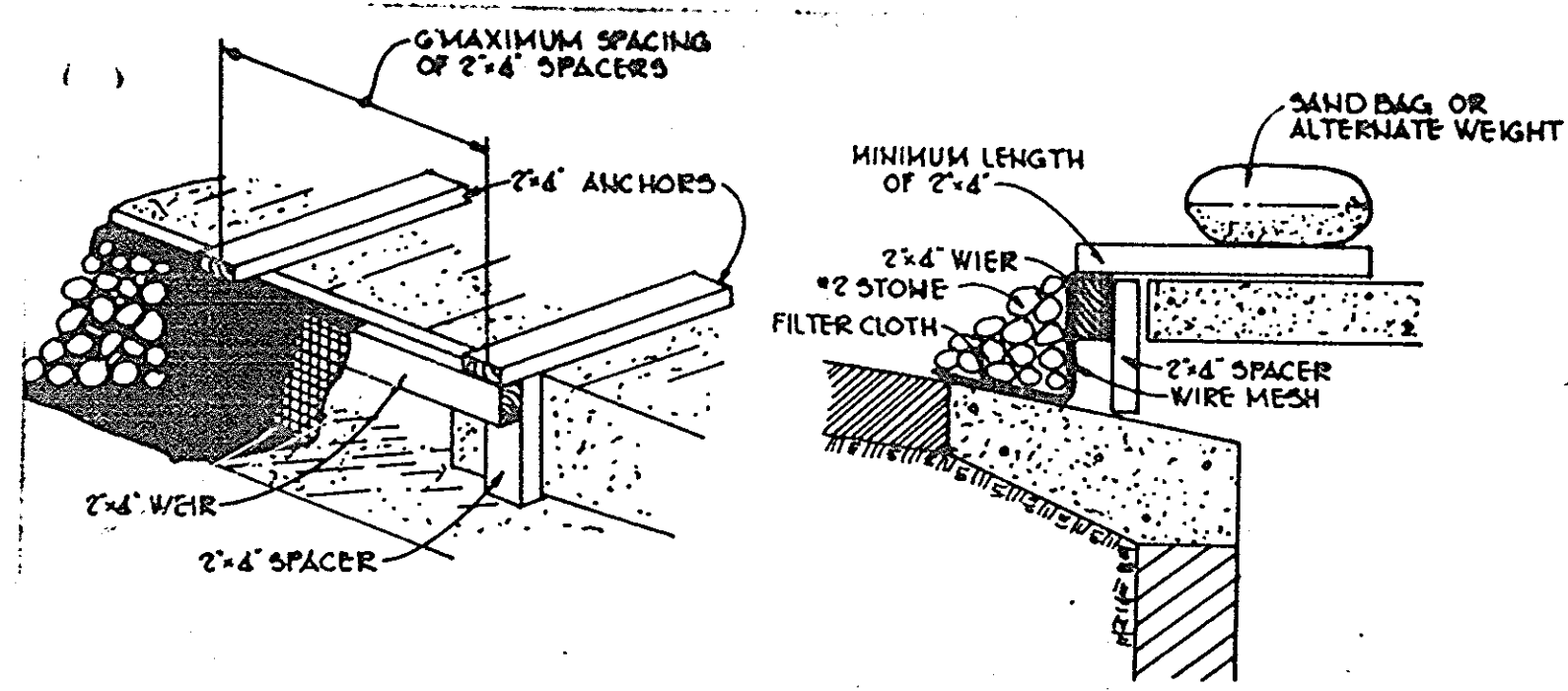
AREA: OAKLAND EXECUTIVE PARK
PARCEL 'B' TAX MAP NO. 3
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: PROFILES AND DETAILS

THE RIEMER GROUP, INC.
A LAND PLANNING, DESIGN & CIVIL ENGINEERING FIRM
3105 HEALTH PARK DRIVE, ELLICOTT CITY, MD. 21043 301 461-2690

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 4-4-85

DESIGNED BY: JKB
DRAWN BY: WCW
PROJECT NO: 11501
DATE: 3/08/85
SCALE: AS SHOWN
DRAWING NO. 3 OF 5



Ex. TRAP #1 DATA

DRAINAGE AREA	710Ac. A
REQUIRED VOLUME	12,780 cu ft
VOLUME PROVIDED	13,456 cu ft
CREST ELEV.	480.25
BOTTOM ELEV.	475.25
CLEANOUT ELEV.	477.25
TOP OF EMBANKMENT	483.50

SITE ANALYSIS

TOTAL AREA DISTURBED	4.0Ac.
TOTAL ROOFED AREA	0.6Ac.
TOTAL PAVED AREA	2.2Ac.
TOTAL AREA TO BE REVEGETATED	1.8Ac.

SEDIMENT CONTROL CONSTRUCTION NOTES
GENERAL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction. (992-2437).
- All sediment control structures will be installed in accordance with '1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control' as published by Soil Conservation Service, Water Resources Administration and State Soil Conservation Committee.
- Site grading will begin only after all perimeter sediment control measures have been installed and are in a functioning condition.
- All perimeter sediment control structures, dikes, swales, ditches, perimeter slopes and all slopes greater than 3:1 will be stabilized with in (7) seven calendar days and all other disturbed or graded areas on the site with in (14) fourteen calendar days.
- Sediment will be removed from traps when its depth reaches the clean out elevation shown on the plans.
- Fertilizer and lime rates may be changed through authorization by the Howard Soil Conservation District if soil test determine a reduction in the specified rates is justified.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- References called for on the sediment control construction plan and details are made to '1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control'.
- Sediment control will be installed before clearing and grubbing remainder of the site.
- All sediment traps and basins shall be fenced and warning signs posted around their perimeter in accordance with Volume 1, Chapter 12 of the Howard County Design Manual.

TEMPORARY SEEDING
Area to be seeded shall be recently loosened. If the ground is packed, crusted or hard, the top layer of soil shall be loosened by disking, raking or other acceptable means.

- Apply 10-20-10 fertilizer (or equivalent) at the rate of 600 lbs. per acre or 15 lbs. per 1000 square feet.
- Where soil is known to be highly acid, apply dolomitic limestone at the rate of 1 ton per acre.
- Work both into soil and seed with cyclone seeder, drill, cultipacker seeder or hydro-seeder (slurry will include seed and fertilizer) at the rate of 40 lbs. per acre of Italian or perennial ryegrass.
- Mulch with unweathered small grain straw at the rate of 1 1/2 to 2 tons, per acre and anchor with a cutback asphalt or emulsified asphalt at the rate of 5 gal. per 1000 square feet.

PERMANENT SEEDING
Final stabilization will take place as soon as possible as weather conditions permit, as follows:

- Apply dolomitic limestone at the rate of 2 tons per acre (one ton per acre if application of ton per acre was made for temporary seeding.)
- Apply 0-20-20 fertilizer at the rate of 600 lbs. per acre harrow or disc lime and 0-20-20 fertilizer into the soil to a minimum depth of 3" lawns or high maintenance areas will be dragged and leveled with a York rake. At the time of seeding apply 400 pounds of 30-0-0 ureaform fertilizer and 500 lbs. of 10-20-20 or equivalent fertilizer per acre.
- Seed with a mixture of certified 'Merion' Kentucky bluegrass - 40 lbs. per acre; common Kentucky bluegrass @ 40 lbs. per acre; Red Fescue, Pennlawn or Jamestown @ 20 lbs. per acre.
- Mulch with unweathered small grain straw at the rate of 1 1/2 to 2 tons per acre and anchor with a cutback asphalt or emulsified asphalt at the rate of 5 gallons per 1000 square feet.
- Seed all slopes with a mixture of certified Kentucky 31 tall fescue @ 50 lbs. per acre and inoculated Kora Lespedeza @ 15 lbs. per acre.
- Sodded surface shall be Kentucky 31 tall fescue.

SEQUENCE OF CONSTRUCTION

- OBTAIN A GRADING PERMIT.
- NOTIFY THE HOWARD COUNTY SEDIMENT CONTROL DIVISION 48 HRS. PRIOR TO ANY CONSTRUCTION 992-2437.
- REPAIR AND MAINTAIN ALL EXISTING SEDIMENT CONTROL DEVICES.
- ROUGH GRADE SITE AND INSTALL REMAINING UTILITIES, BLOCKING STORM DRAIN DITCHES.
- COMPLETE ALL THE CONSTRUCTION WITH THE EXCEPTION OF GRADING AND PAVING IN AREA OF EXISTING TRAP.
- STABILIZE ALL DISTURBED AREAS UP SLOPE OF TRAP IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES.
- COMPLETE REMAINING CONSTRUCTION LEAVING TRAP OUTLET FUNCTIONING.
- UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE AREAS DISTURBED BY THEIR REMOVAL IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES.

BY THE DEVELOPER:

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

J. J. [Signature]
DEVELOPER: *J. J. [Signature]* 4/16/85
DATE

BY THE ENGINEER:

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.

P. C. Jennings II [Signature]
ENGINEER: PATRICK C. JENNINGS II 4/16/85
DATE

REVIEWED FOR *[Signature]* S.C.D. NAME AND MEETS TECHNICAL REQUIREMENTS

James M. [Signature] 4/22/85
U.S. SOIL CONSERVATION SERVICE DATE

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

Stephen L. [Signature] 4/24/85
HOWARD S.C.D. DATE

APPROVED: *[Signature]* FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

Joseph M. [Signature] 4-30-85
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

[Signature] 5-1-85
PLANNING DIRECTOR DATE

[Signature] 5-1-85
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature] 4-29-85
DIRECTOR DATE

[Signature] 4-24-85
CHIEF, BUREAU OF ENGINEERING DATE

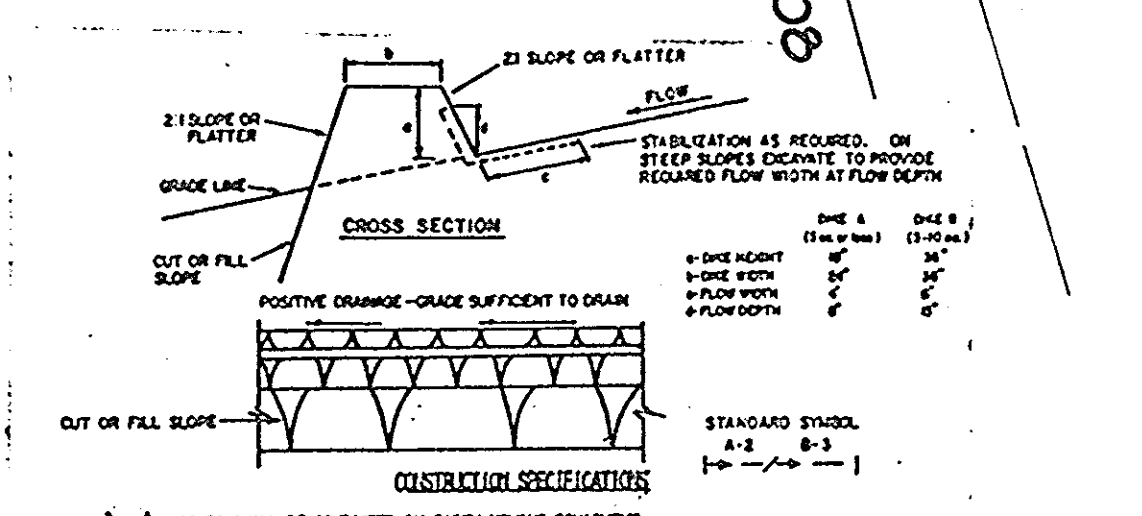
DATE	NO	REVISION
OWNER		ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP 1000 EQUITABLE BANK CENTER COLUMBIA, MARYLAND 21044
DEVELOPER		ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP 1000 EQUITABLE BANK CENTER COLUMBIA, MARYLAND 21044
PROJECT		OAKLAND EXECUTIVE PARK PARCEL 'B'
AREA		OAKLAND EXECUTIVE PARK PARCEL 'B' TAX MAP #30 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE		DRAINAGE AREA MAP AND SEDIMENT CONTROL PLAN

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 4-4-85
[Signature]

THE RIEMER GROUP, INC.
A LAND PLANNING, DESIGN & CIVIL ENGINEERING FIRM
3105 HEALTH PARK DRIVE, ELLICOTT CITY, MD. 21043 301-461-2690

4/16/85
DATE

DESIGNED BY: J.K.B.
DRAWN BY: D.A.M.
PROJECT NO: 0011001
DATE: 3-08-85
SCALE: AS SHOWN
DRAWING NO. 4 OF 5



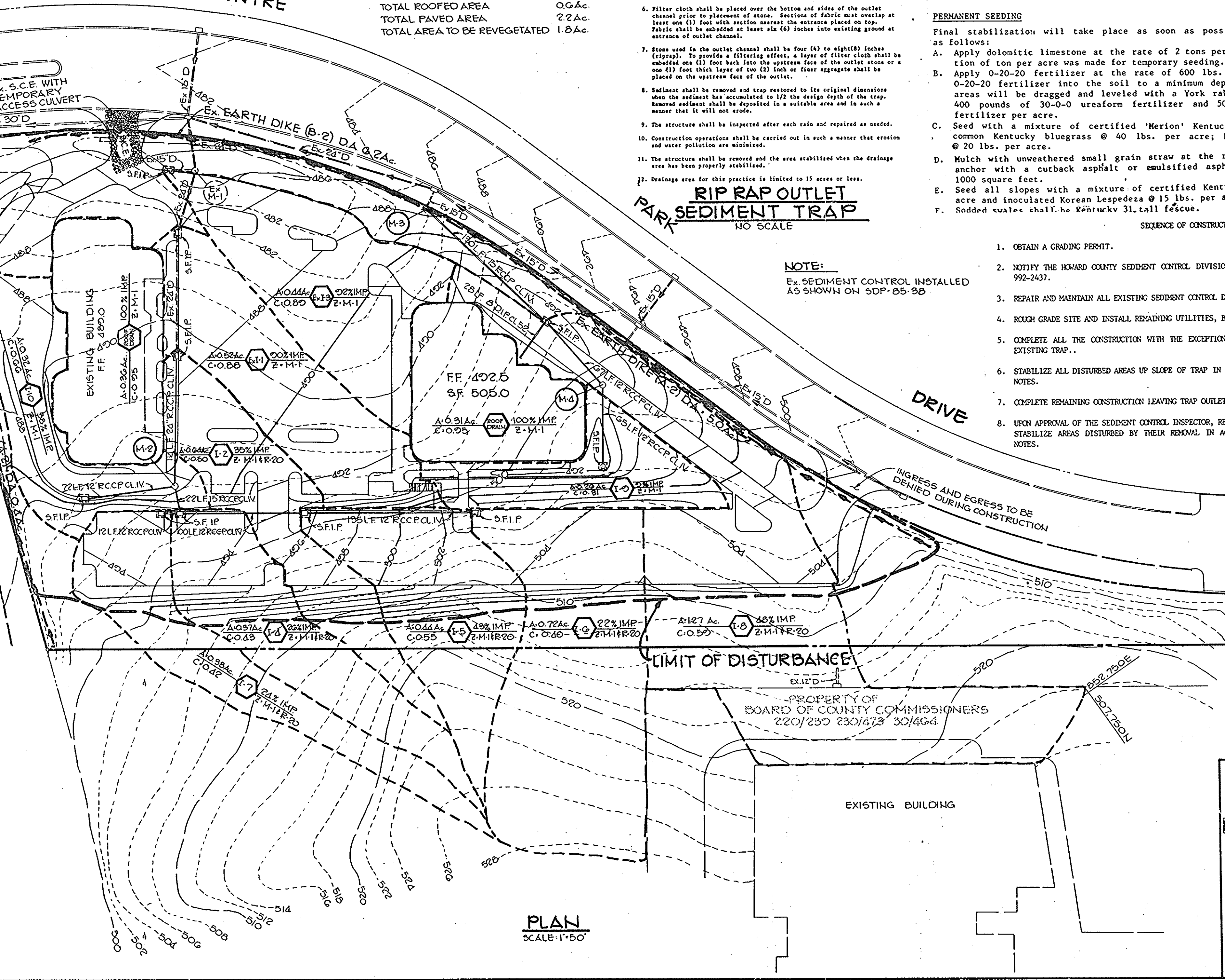
FLOW CHANNEL STABILIZATION

TYPE OF DISTURBANCE	CHANNEL TYPE	PIPE A	PIPE B
1	5-3-02	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3-1-05	SEED AND STRAW MULCH	SEED USING LIME OR EXCITATION 500# 2" STONE
3	5-1-02	SEED WITH LIME, OR 500# 2" STONE	LINED RIP-RAP 4'-6" ENGINEERING DESIGN
4	8-1-02	LINED RIP-RAP 4'-6" ENGINEERING DESIGN	

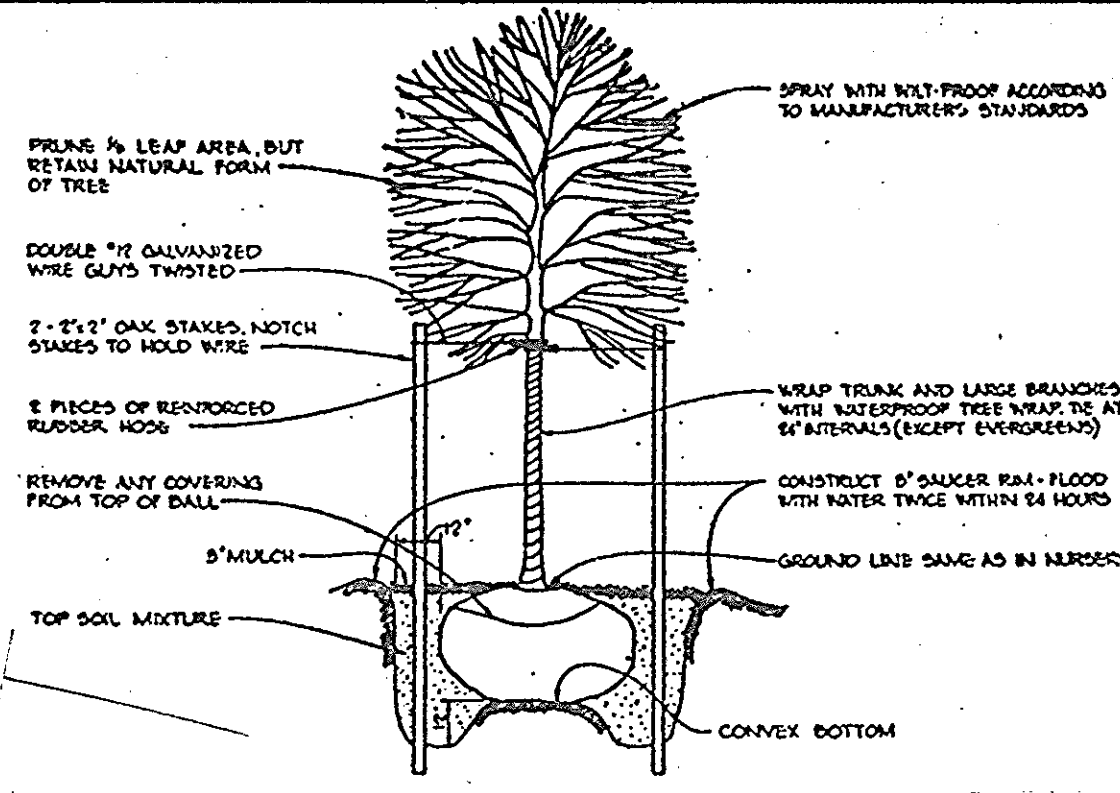
A. Stone to be 2" DIA. STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3" THICK IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.

B. RIP-RAP TO BE 4" DIAM. IN A LAYER AT LEAST 4" THICKNESS AND PRESSED INTO THE SOIL.

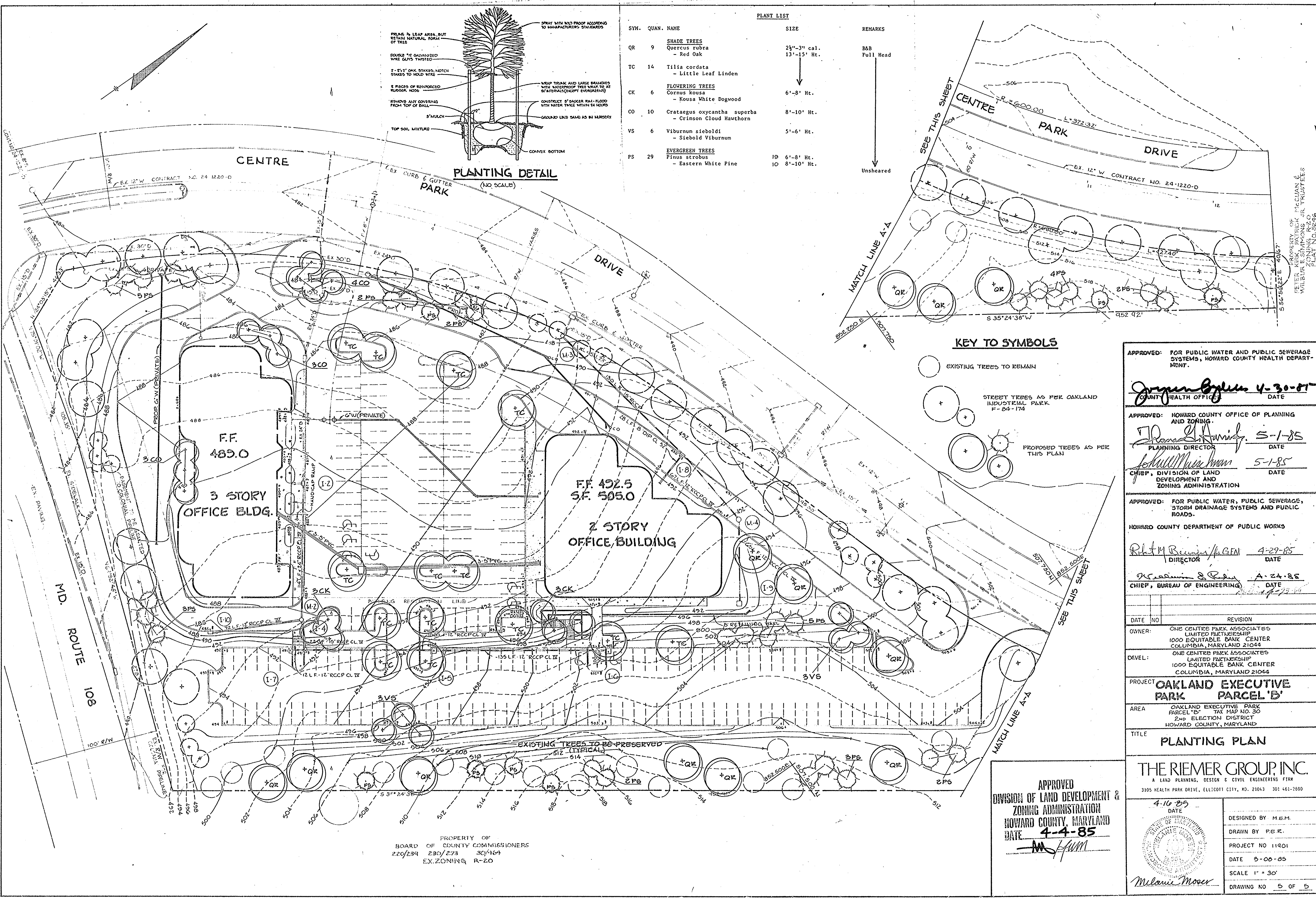
C. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.



MARYLAND BLUEPRINT CO., INC. NUMBER



SYN.	QUAN.	NAME	SIZE	REMARKS
QR	9	SHADE TREES Quercus rubra - Red Oak	2 1/2"-3" cal. 13'-15' Ht.	B&B Full Head
TC	14	Tilia cordata - Little Leaf Linden		
CK	6	FLOWERING TREES Cornus kousa - Kousa White Dogwood	6'-8' Ht.	
CO	10	Crataegus oxyantha superba - Crimson Cloud Hawthorn	8'-10' Ht.	
VS	6	Viburnum sieboldi - Siebold Viburnum	5'-6' Ht.	
PS	29	EVERGREEN TREES Pinus strobus - Eastern White Pine	10 6'-8' Ht. 10 8'-10' Ht.	Unsheared



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joyce Byler 4-30-85
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
John J. Hanley 5-1-85
PLANNING DIRECTOR DATE

John M. Muehlen 5-1-85
DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Robert M. Reimer 4-29-85
DIRECTOR DATE

William E. Reimer 4-24-85
DATE

CHIEF, BUREAU OF ENGINEERING

DATE	NO.	REVISION

OWNER: ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP
1000 EQUITABLE BANK CENTER
COLUMBIA, MARYLAND 21044

DEVEL: ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP
1000 EQUITABLE BANK CENTER
COLUMBIA, MARYLAND 21044

PROJECT: OAKLAND EXECUTIVE PARK PARCEL 'B'

AREA: OAKLAND EXECUTIVE PARK PARCEL 'B' TAX MAP NO. 30
2nd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: PLANTING PLAN

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 4-4-85
M. Muehlen

4-16-85
DATE

DESIGNED BY M.E.M.
DRAWN BY P.E.R.
PROJECT NO 11901
DATE 2-08-85
SCALE 1" = 30'
DRAWING NO 5 OF 5

Melanie Moore