

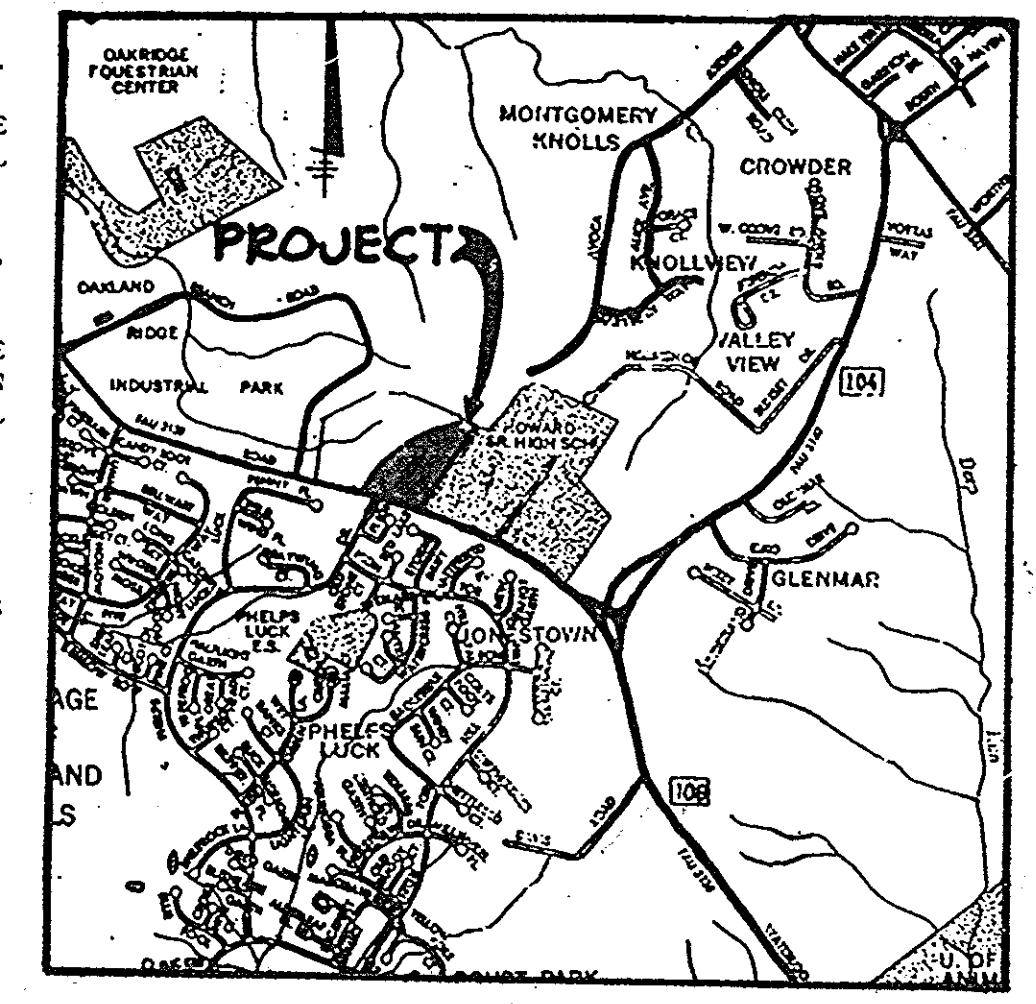
SHEET INDEX	
NO.	DESCRIPTION
1	SITE DEVELOPMENT PLAN
2	SEDIMENT CONTROL NOTES AND DETAILS

OAKLAND EXECUTIVE PARK
PARCEL "A"
PLAT NO. 6009
ZONING M-1

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, 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 & 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 GEMER MAINS WITHIN 2' 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, 1985 BY THE RIEMER GROUP, INC.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL STORM DRAIN PIPE RADDING SHALL BE AS SHOWN IN DETAIL 1001 (PRESH IN RC) OF TRAMP IN EARLY AS DETERMINED BY FIELD CONDITIONS IN ALL 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.

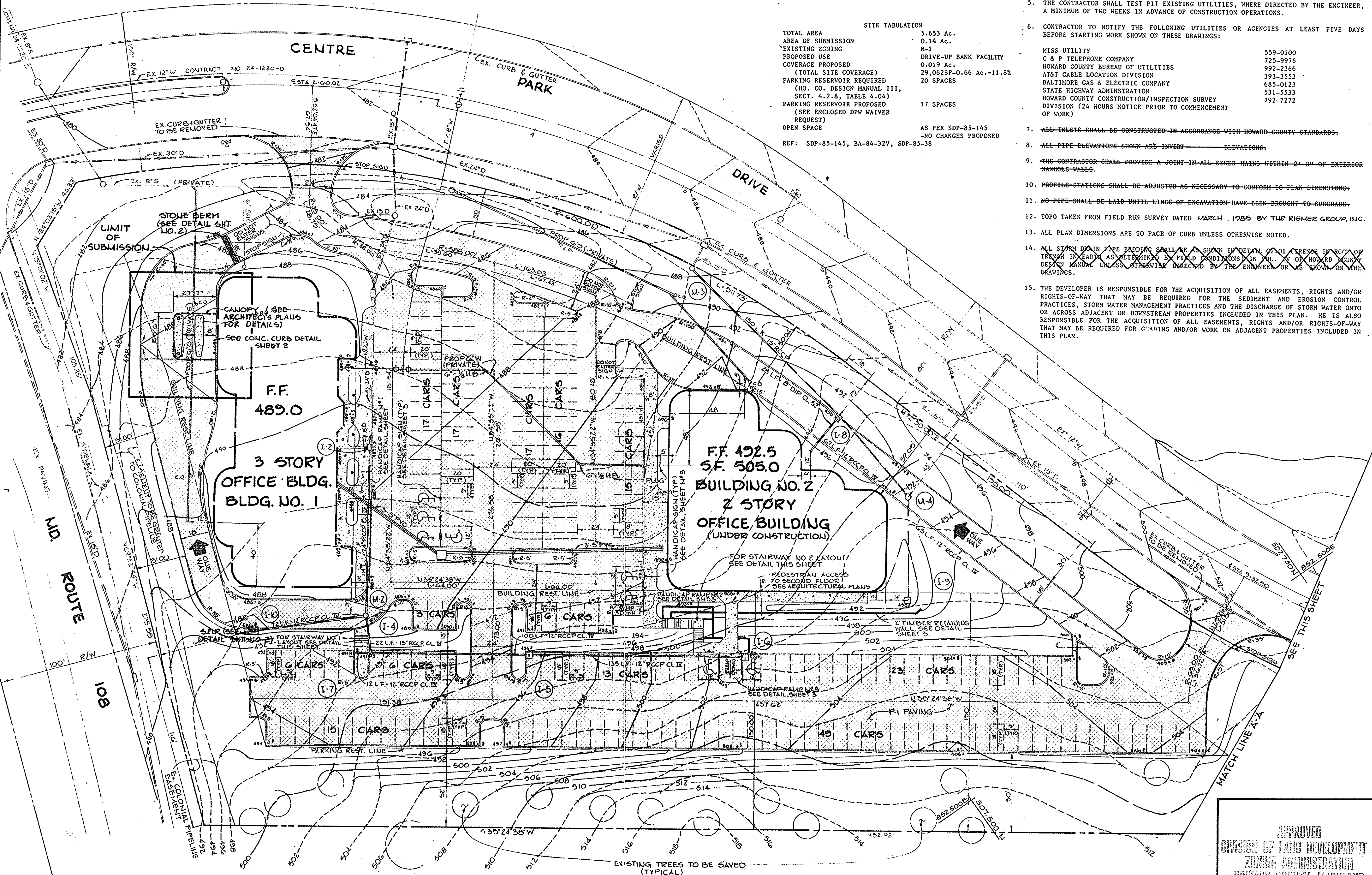


VICINITY MAP
SCALE: 1" = 2000'

SITE TABULATION

TOTAL AREA	5.653 Ac.
AREA OF SUBMISSION	0.14 Ac.
EXISTING ZONING	M-1
PROPOSED USE	DRIVE-UP BANK FACILITY
COVERAGE PROPOSED	0.019 Ac.
(TOTAL SITE COVERAGE)	29,062SF-0.66 Ac.-11.8%
PARKING RESERVOIR REQUIRED	20 SPACES
(HO. CO. DESIGN MANUAL III, SECT. 4.2.8, TABLE 4.04)	
PARKING RESERVOIR PROPOSED	17 SPACES
(SEE ENCLOSED DPM WAIVER REQUEST)	
OPEN SPACE	AS PER SDP-85-145
	-NO CHANGES PROPOSED

REF: SDP-85-145, BA-84-32V, SDP-85-38



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Judy B. Bell 3-6-86
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
Thomas H. Army 3-7-86
PLANNING DIRECTOR DATE
William W. Brown 3-7-86
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
Sam F. Nunn 3-4-86
DIRECTOR DATE
William W. Brown 3-7-86
CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO.	REVISION
OWNER: ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP 8008 CENTRE PARK DRIVE COLUMBIA, MARYLAND 21045		
DEVELOPER: ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP 8008 CENTRE PARK DRIVE COLUMBIA, MARYLAND 21045		
PROJECT: OAKLAND EXECUTIVE PARK - PARCEL 'B'		
AREA: OAKLAND EXECUTIVE PARK PARCEL 'B' TAX MAP 100-30 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE: SITE DEVELOPMENT PLAN DRIVE-THRU BANK FACILITY ADDITION TO SDP-85-38		

THE RIEMER GROUP, INC.
The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm
3105 Heath Park Drive, Ellicott City, Maryland 21043 (301) 481-2690

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 1-29-86
Arthur E. Muegge

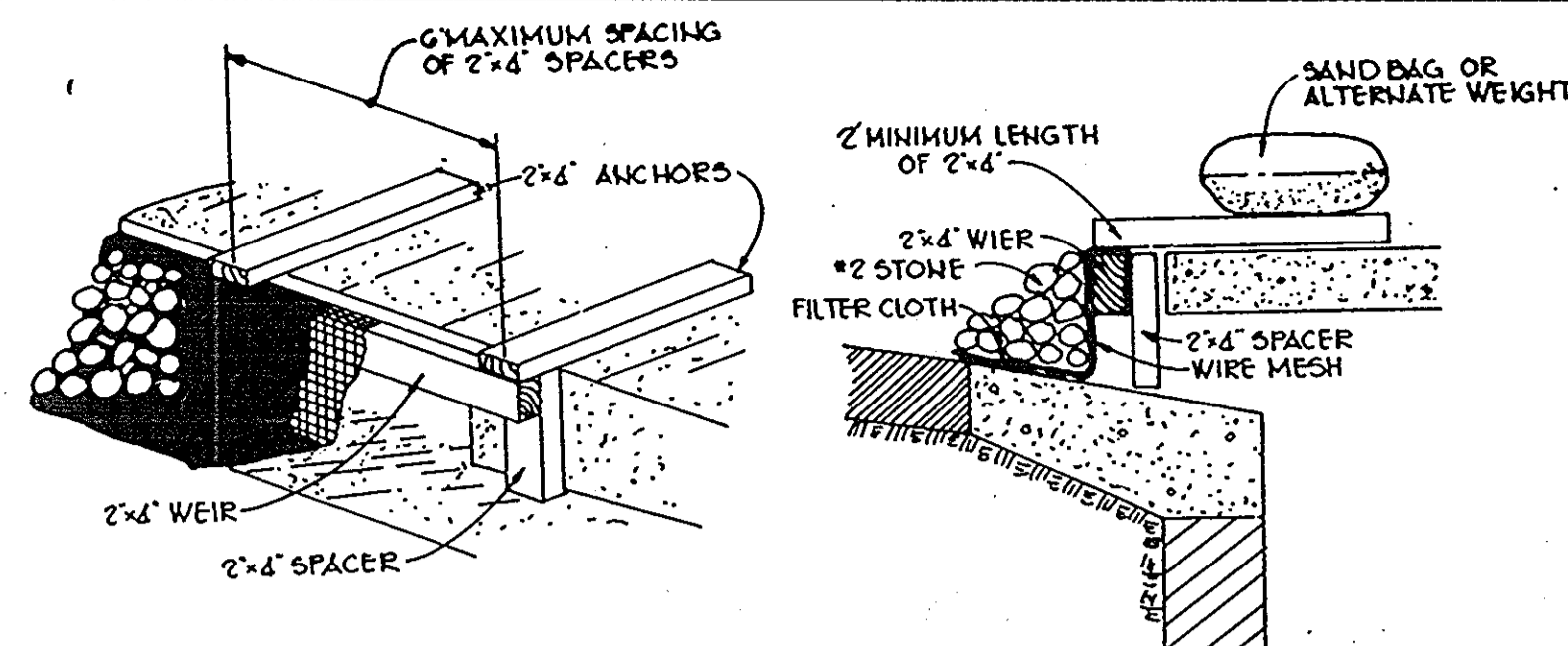
DESIGNED BY: J.K.B.
DRAWN BY: F.D.M.
PROJECT NO: 11002
DATE: DECEMBER 26, 1985
SCALE: 1" = 30'
DRAWING NO. 1 OF 2

ARTHUR E. MUEGGE 1188707

PROPERTY OF
BOARD OF COUNTY COMMISSIONERS
220/234 220/273 30/404
EX.ZONING R-20

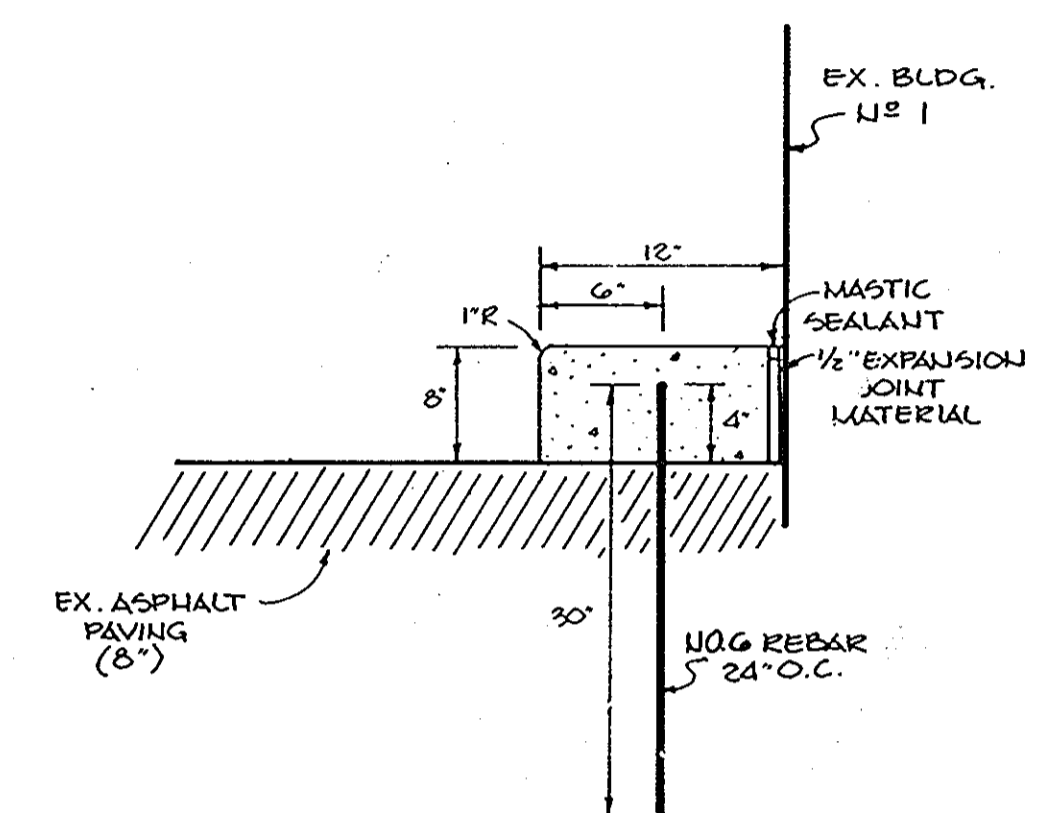
ADDRESS CHART					
BLDG. NUMBER	STREET ADDRESS				
BLDG. 1	8808 CENTRE PARK DRIVE				
BLDG. 2	8818 CENTRE PARK DRIVE				

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #	BLDG. NUMBER	STREET ADDRESS
OAKLAND EXECUTIVE PARK	12/ACRES	PARCEL 'B'	BLDG. 1	8808 CENTRE PARK DRIVE
PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MAP	ELEC. DIST.
6009	18	M-1	30	2ND
WATER CODE	407	SEWER CODE	5657400	

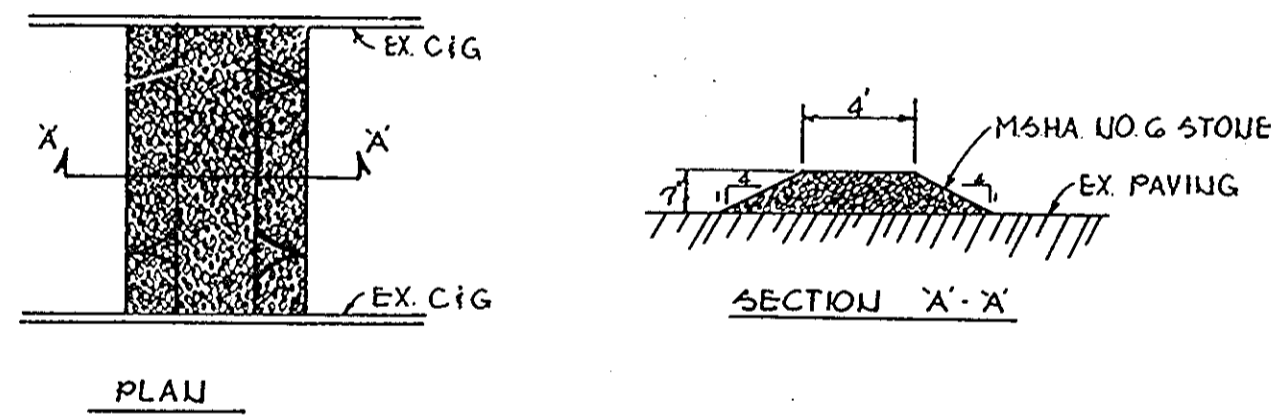


STONE FILTER INLET PROTECTION
NO SCALE

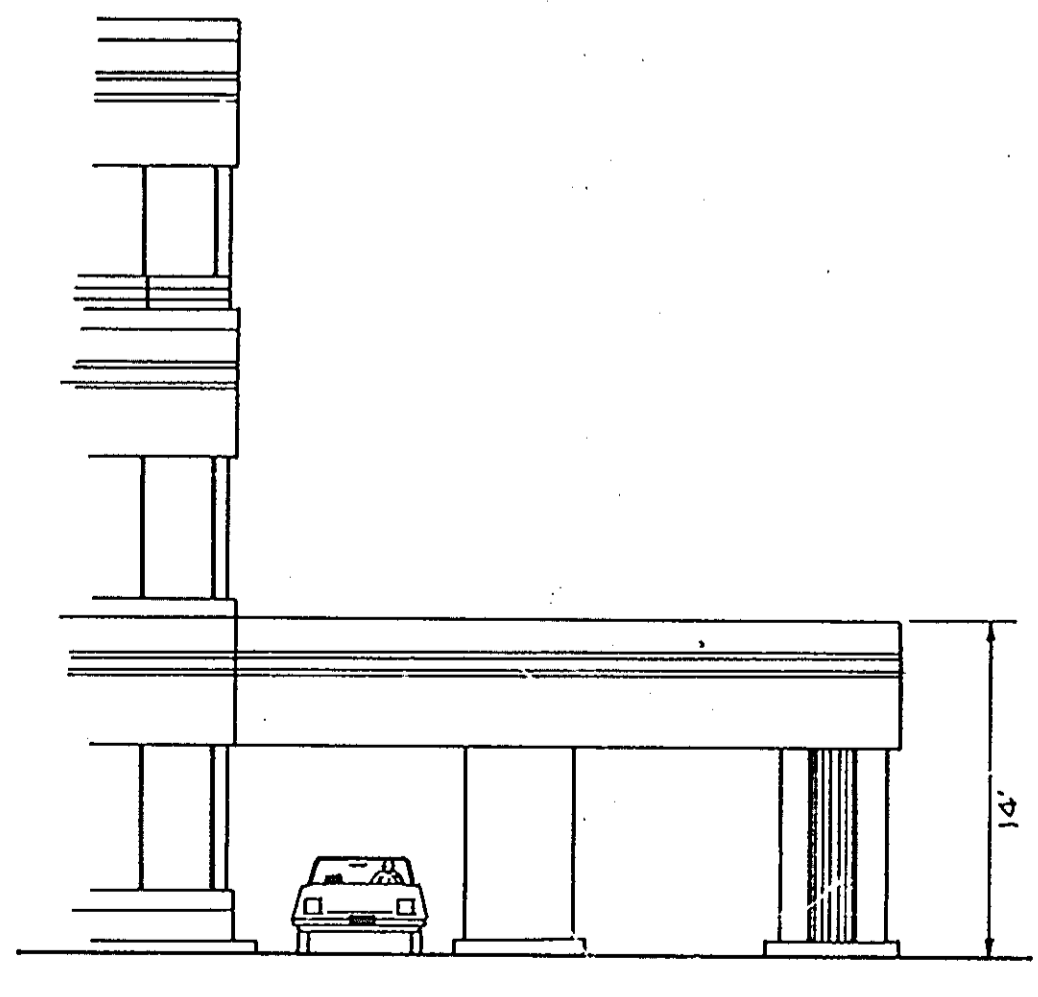
STANDARD SYMBOL S.F.I.P.



CONCRETE CURB AT BUILDING
DETAIL
(NO SCALE)



STONE BERM DETAIL
(NO SCALE)



ELEVATION
NO SCALE

- SEDIMENT CONTROL 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 vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
 - All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
 - All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
 - 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.
 - Site Analysis:

Total Area of Site	5.65 acres
Area Disturbed	0.05 acres
Area to be roofed or paved	0.05 acres
Area to be vegetatively stabilized	0.05 acres
Total Cut	0.05 cu. yds.
Total Fill	0.05 cu. yds.
 - Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
 - Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control Inspector.
 - Site grading will begin only after all perimeter sediment control measures have been installed and are in a functioning condition.
 - Sediment will be removed from traps when its depth reaches the clean out elevation shown on the plans.

- PERMANENT SEEDING NOTES**
- Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.
- Seeded Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
- Soil Amendments:** Apply 0-20-20 fertilizer at the rate of 600 lbs. per acre. Narrow or disc line and 0-20-20 fertilizer into the soil to a minimum depth of 2". Lawns or high maintenance areas will be dragged and leveled with a York rake. At the time of seeding, apply 400 lbs. of 30-0-0 ureaform fertilizer and 500 lbs. of 10-20-20 or equivalent fertilizer per acre.
- Seeding:** For the periods March 1 thru April 30, and August 1 thru October 15, seed with 40 lbs. per acre (1 lb./1000 sq-ft.) of a mixture of certified 'Merion' Kentucky bluegrass; common Kentucky bluegrass @ 40 lbs. per acre (1 lb./1000 sq-ft.) and Red Fescue, Pennlawn or Janestown @ 20 lbs. per acre (0.5 lb./1000 sq-ft.) for the period May 1 thru July 31, seed with 40-60-20 mix as specified above and 2 lbs. per acre (0.05 lbs./1000 sq-ft.) of weeping lovegrass. During the period of October 16 thru February 15, protect site by: (Option 1) 2 tons per acre of well-anchored straw mulch and seed as soon as possible in the spring. (Option 2) Use sod. (Option 3) Seed with 40-60-20 mix specified above and mulch with 2 tons/acre well-anchored straw.
- Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq-ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal./1000 sq-ft.) of emulsified asphalt on flat areas. On slopes, 8 feet or higher, use 308 gallons per acre (6 gal./1000 sq-ft.) for anchoring.
- Maintenance:** Inspect all seeded areas and make needed repairs, replacements and reseedings.

- TEMPORARY SEEDING NOTES**
- Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.
- Seeded Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
- Soil Amendments:** Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq-ft.) where soil is highly acidic, apply dolomitic limestone at the rate of 1 ton per acre.
- Seeding:** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 140 lbs. per acre of annual rye (3.2 lbs./1000 sq-ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (0.07 lbs./1000 sq-ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.
- Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq-ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal./1000 sq-ft.) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher, use 308 gal. per acre (6 gal./1000 sq-ft.) for anchoring.
- Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

SEQUENCE OF CONSTRUCTION

- OBTAIN A GRADING PERMIT.
- INSTALL STONE BERM AND STONE FILTER INLET PROTECTION. 1-DAY
- REMOVE EXISTING PAVING AS NECESSARY AND CONSTRUCT DRIVE-THRU CANOPY AS SHOWN. 2-WEEKS
- UPON PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS. 1-DAY

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 A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."

J. J. J. J.
DEVELOPER
2-6-86
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."

Arthur E. Muegge
ENGINEER
2-6-86
DATE

REVIEWED FOR HOWARD S.C.D. NAME
AND MEETS TECHNICAL REQUIREMENTS

James M. J. J.
S.O. SOIL CONSERVATION SERVICE
2/28/86
DATE

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

Stephen L. J. J.
HOWARD S.C.D.
2/28/86
DATE

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

John J. J. J.
COUNTY HEALTH OFFICER
3-6-86
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Donald J. J. J.
PLANNING DIRECTOR
3-7-86
DATE

William J. J. J.
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
3-7-86
DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC LOADS

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Walter J. J. J.
DIRECTOR
3-4-86
DATE

James J. J. J.
CHIEF, BUREAU OF ENGINEERING
2-28-86
DATE

DATE	NO.	REVISION
OWNER: ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP 8808 CENTRE PARK DRIVE COLUMBIA, MARYLAND 21045		
DEVELOPER: ONE CENTRE PARK ASSOCIATES LIMITED PARTNERSHIP 8808 CENTRE PARK DRIVE COLUMBIA, MARYLAND 21045		
PROJECT: OAKLAND EXECUTIVE PARK - PARCEL 'B'		
AREA: OAKLAND EXECUTIVE PARK PARCEL 'B' TAX MAP NO. 30 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE: SEDIMENT CONTROL NOTES AND DETAILS DRIVE-THRU BANK FACILITY ADDITION TO SDP-85-38		

THE RIEMER GROUP, INC.
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3105 Heath Park Drive, Elkott City, Maryland 21043 (301) 481-2880

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 1-29-86
Arthur E. Muegge

2-6-86
DATE

Arthur E. Muegge
ARTHUR E. MUEGGE/6707

DESIGNED BY: J.K.D.
DRAWN BY: F.D.M.
PROJECT NO: 1100Z
DATE: DECEMBER 26, 1985
SCALE: AS SHOWN
DRAWING NO. 2 OF 2