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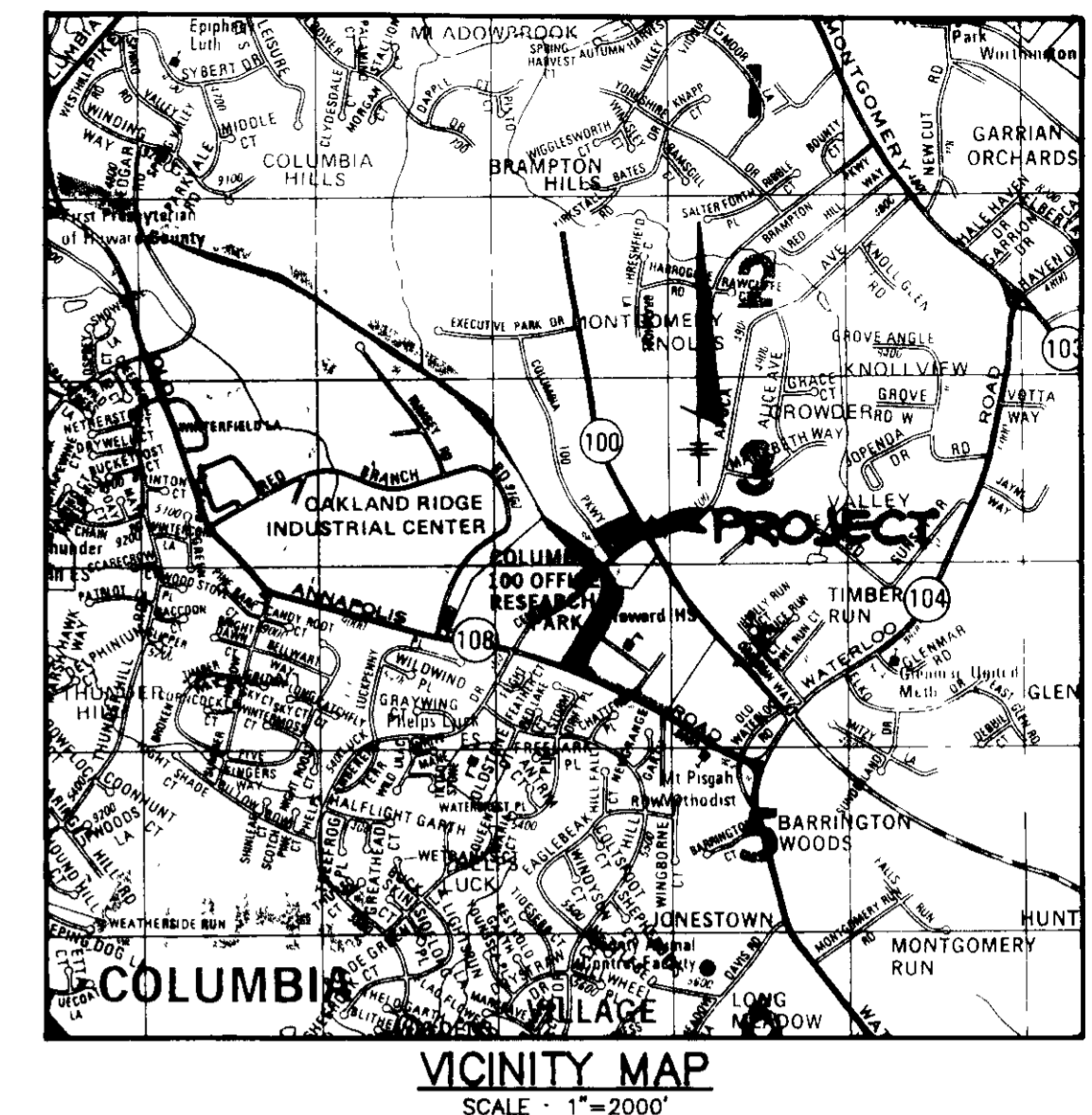
# SITE DEVELOPMENT PLAN

# WILLIAMS

# CORPORATE CENTRE

## 2nd ELECTION DISTRICT

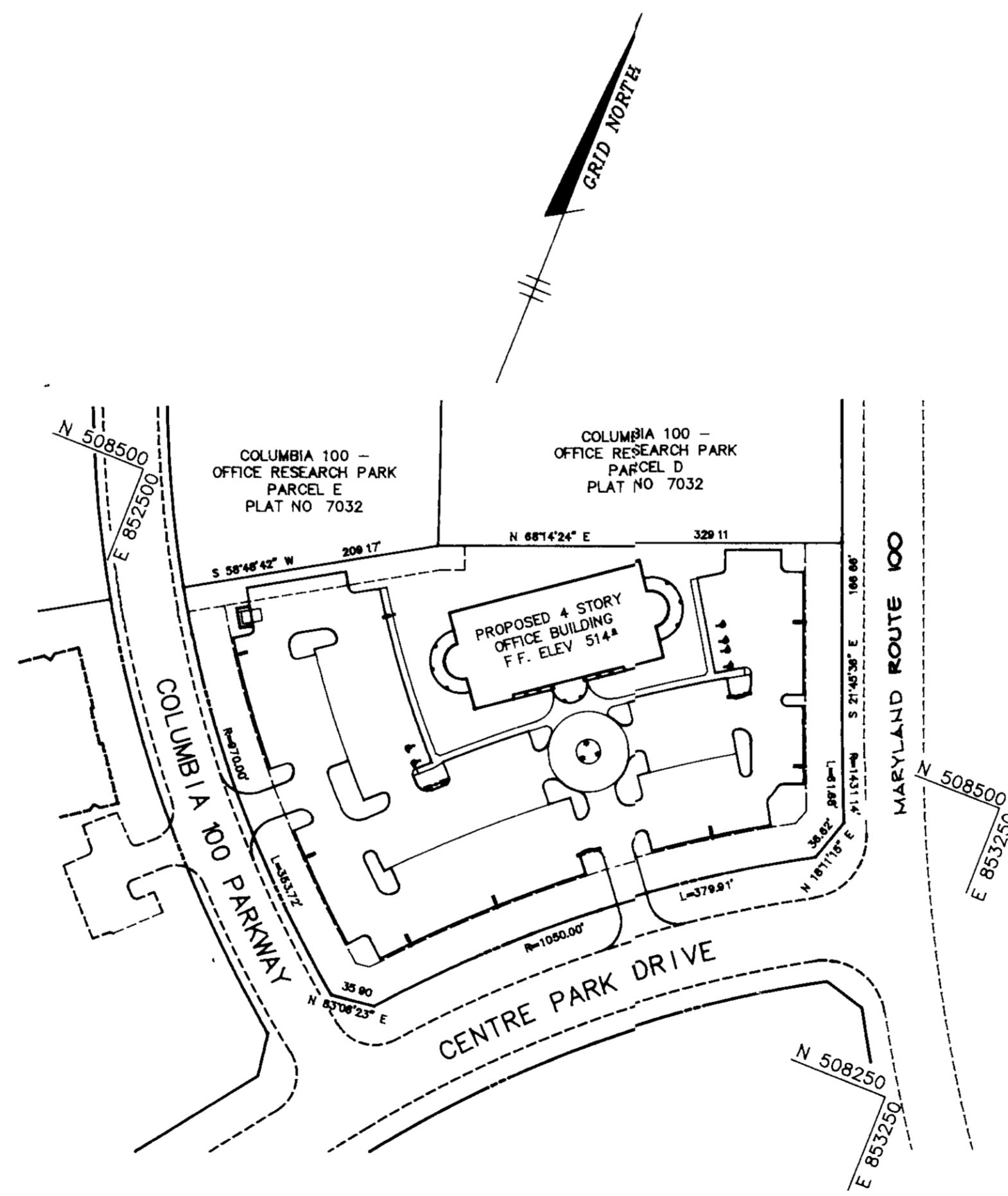
## HOWARD COUNTY, MARYLAND



**GENERAL NOTES**

- ALL WATER LINES SHALL BE CONSTRUCTED A MINIMUM OF 42" COVER BELOW FINISHED GRADE.
- 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 FROM BEST AVAILABLE INFORMATION. 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 FIT 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 TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:
 

MISS UTILITY	1-800-257-7777
CAP TELEPHONE COMPANY	725-9976
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
AT&T CABLE LOCATION DIVISION	393-3553
BALTIMORE GAS & 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 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 SURGRADE.
- TOPO TAKEN FROM FIELD RUN SURVEY DATED AUG 1988 BY THE RIEMER GROUP, INC.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL STORM DRAIN PIPE BEDDING SHALL BE AS SHOWN IN DETAIL G2-01 (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 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 WORK ON ADJACENT PROPERTIES INCLUDED IN THIS PLAN.
- THE OWNER SHALL PROVIDE A SEPARATE AND INDEPENDENT SEWER CONNECTION FOR EACH TENANT OR OCCUPANT OF ANY BUILDING SHOWN ON THIS SITE DEVELOPMENT PLAN, WHO WILL DISCHARGE NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM. IF THIS WASTE IS REGULATED UNDER SECTION 18.12A 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.
- PREVIOUS OFFICE OF PLANNING AND ZONING FILE NUMBERS: GP-88-57, F-87-13, S-85-52, P-86-44, 88-25.
- STORMWATER MANAGEMENT IS PROVIDED FOR THIS SITE UNDER PREVIOUSLY APPROVED PLANS F-87-13 FOR COLUMBIA 100 - OFFICE RESEARCH PARK, SECTION 1, AREA 1.
- ANY EXISTING STREET TREES DAMAGED OR DESTROYED DURING GRADING AND CONSTRUCTION MUST BE REPLACED BY THE OWNER/DEVELOPER OF THIS PROJECT.
- THE OWNER OF THIS PROPERTY WILL BE RESPONSIBLE FOR MAINTAINING THE WATER QUALITY STRUCTURE PROPOSED ON THIS PLAN.
- 88-25 WAS A WAIVER REQUEST OF SECTION 13 D 1 A (2) OF HOWARD COUNTY SUBDIVISION REGULATIONS. THE REQUEST WAS DENIED ON FEBRUARY 9, 1989.



**PLAN**  
SCALE 1"=100'

**SITE TABULATION**

Area of Parcel	3.472 Acres 151,248 sq ft
Present Zoning	P O R
Proposed Use	4 Story Office Building
Proposed Building Coverage	0.360 Acres (10.37% of site)
Proposed Total Square Footage of Office	1st Floor - 12,260 sq ft 2nd Floor - 14,178 sq ft 3rd Floor - 14,178 sq ft 4th Floor - 14,178 sq ft TOTAL - 54,794 sq ft 280 Employees
Total Net Leaseable Area	49,389 sq ft
Number of Parking Spaces Required Office @ 7/10 Employees Customarily Working At One Time	196 Spaces
Number of Parking Spaces Provided	201 Spaces
Number of Handicap Spaces Required	6 Spaces
Number of Handicap Spaces Provided	6 Spaces
Open Space Required (including internal landscaped areas)	30,249.6 sq ft (20%)
Open Space Provided	60,499.2 sq ft. (40%)
Landscaped Islands Required (of parking area)	5,255 sq ft. (5%)
Landscaped Islands Provided	6,954 sq ft. (11%)
Area of Parking	65,100 sq ft

NOTE: AS PER OUR INVESTIGATION IN AUGUST 1988, THERE ARE NO EXISTING WETLANDS ON THIS SITE. HENCE, ARMY CORPS OF ENGINEERS PERMIT (SECTION 404) AND A WATER QUALITY CERTIFICATION FROM THE STATE DEPARTMENT OF THE ENVIRONMENT (SECTION 401) ARE NOT REQUIRED FOR THE WORK PROPOSED UNDER THIS SITE DEVELOPMENT PLAN.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
*[Signature]* 10-2-89  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING.  
*[Signature]* 10-12-89  
DIRECTOR DATE

*[Signature]* 11-11-89  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

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

*[Signature]* 9-27-89  
DIRECTOR DATE

*[Signature]* 9-27-89  
CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO.	REVISION

OWNER/DEVELOPER  
JEROME W. WILLIAMS  
6660 DOBBIN ROAD  
COLUMBIA, MARYLAND  
21046

PROJECT  
**WILLIAMS CORPORATE CENTRE**  
A FOUR STORY OFFICE BUILDING

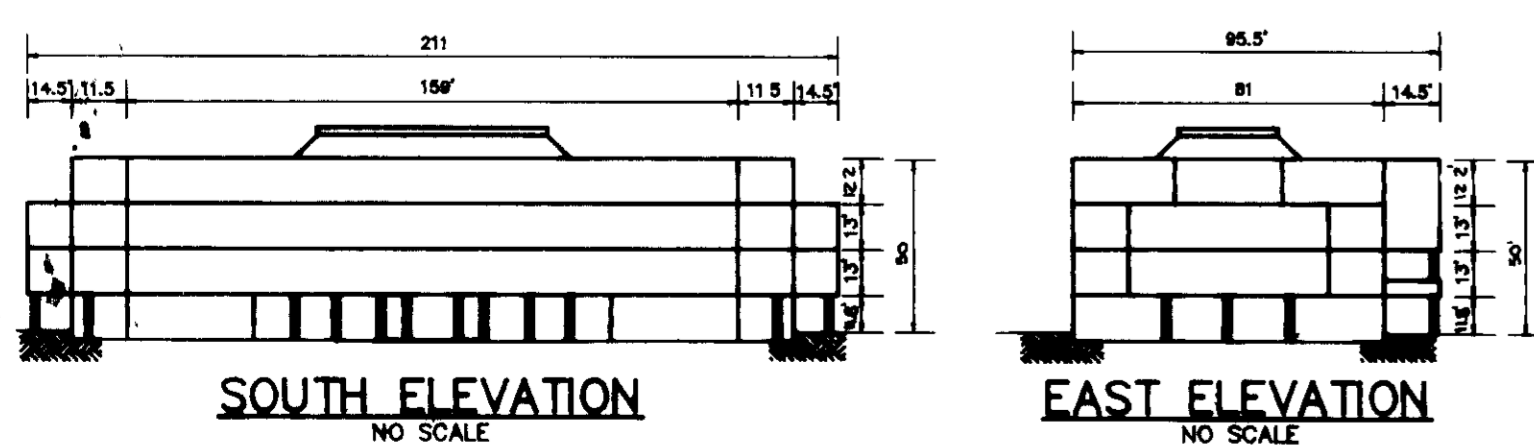
AREA TAX MAP 80 ZONED FOR PLAT NO 7092  
COLUMBIA 100 OFFICE RESEARCH PARK SEC 1 AREA 1 PARCEL C  
2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE  
TITLE SHEET

RIEMER MUEGGE & ASSOCIATES, INC.  
A Land Planning, Engineering and Consulting Firm  
3105 North Ridge Road, Ellicott City, Maryland 21043  
301-461-2690 FAX 301-750-3176

DATE 6-28-89

DESIGNED BY W.C.W.  
DRAWN BY M.A.P.  
PROJECT NO 54202  
DATE APRIL 24, 1989  
SCALE AS SHOWN  
DRAWING NO 1 OF 9

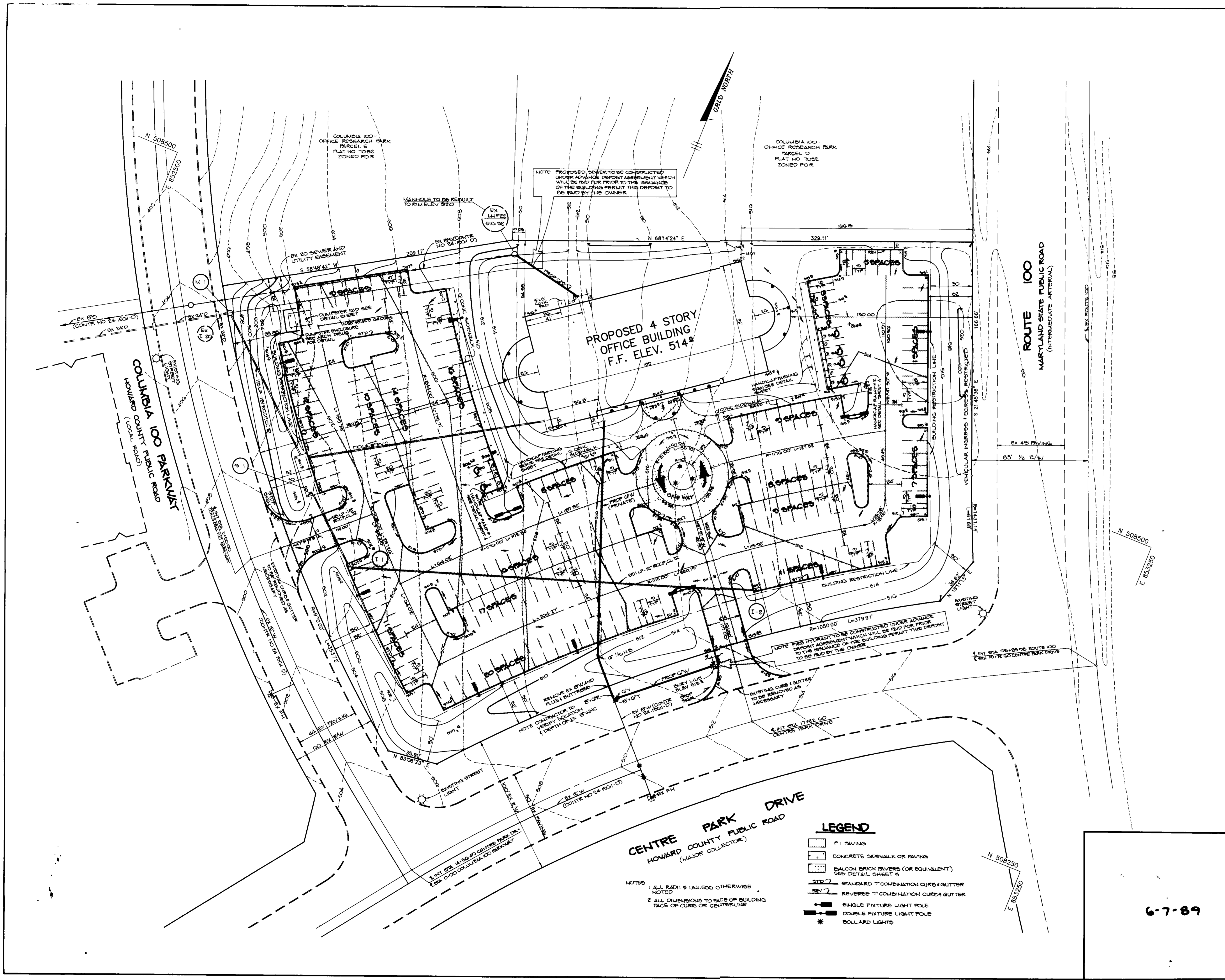


ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
PARCEL C	8800 COLUMBIA 100 PARKWAY

SUBDIVISION NAME	SECT./AREA	PARCEL #
COLUMBIA 100 OFFICE RESEARCH PARK	1/1	PARCEL C
PLAT #	BLOCK #	ZONE
7092	80	POR
TAX/ZONE MAP	ELEC. DIST	CENSUS TR
8023 02	2	6023 02
WATER CODE	SEWER CODE	
G02	565 7400	

6-7-89



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
*James Ziegler* 10-2-89  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING.  
*William J. ...* 10.18.89  
 DIRECTOR DATE  
*James J. ...* 11/1/89  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James M. ...* 9/27/89  
 DIRECTOR DATE  
*William J. ...* 9-27-89  
 CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO	REVISION

OWNER/DEVELOPER  
 JEROME M. WILLIAMS  
 6660 DOBBIN ROAD  
 COLUMBIA, MARYLAND  
 21045

PROJECT  
**WILLIAMS CORPORATE CENTRE**  
 A FOUR STORY OFFICE BUILDING

AREA TAX MAP 30 ZONED FOR PLAT NO 7082  
 COLUMBIA 100 OFFICE RESEARCH PARK SEC 1, AREA 1 PARCEL C  
 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE  
 SITE DEVELOPMENT PLAN

RIEMER MUEGGE & ASSOCIATES, INC.  
 A Land Planning, Engineering and Consulting Firm  
 3105 North Ridge Road Ellicott City, Maryland 21043  
 301-461-2690 FAX 301-750-3176

DATE  
 6-28-89  
 DESIGNED BY W.C.W.  
 DRAWN BY M.A.D.  
 PROJECT NO 84202  
 DATE APRIL 24, 1989  
 SCALE 1"=50'  
 DRAWING NO 2 OF 4

6-7-89

**STONE OUTLET SEDIMENT TRAP #1**

DRAINAGE AREA	800 AC
VOL. REQUIRED	8400 CU FT
VOL. PROVIDED	8400 CU FT
BOTTOM ELEV.	428.0
BOTTOM DIM.	54' x 18'
CREST ELEV.	421.0
CLEANOUT ELEV.	424.5

**STONE OUTLET SEDIMENT TRAP #2**

DRAINAGE AREA	0.98 AC
VOL. REQUIRED	904 CU FT
VOL. PROVIDED	900 CU FT
BOTTOM ELEV.	500.0
BOTTOM DIM.	50' x 6'
CREST ELEV.	507.0
CLEANOUT ELEV.	500.7

- SEQUENCE OF CONSTRUCTION**
- OBTAIN A GRADING PERMIT (1 DAY)
  - INSTALL STABILIZED CONSTRUCTION ENTRANCE ON THE WESTERNMOST ENTRANCE AND INSTALL TEMPORARY BARRICADE TO BLOCK THE SOUTHERNMOST ENTRANCE TO CONSTRUCTION TRAFFIC (1/2 DAY)
  - INSTALL SILT FENCE (1/2 DAY)
  - INSTALL STONE OUTLET SEDIMENT TRAPS #1 AND #2 (2 DAYS)
  - ROUGH GRADE SITE, EXCEPT IN THE AREA OF THE OUTFALL OF SEDIMENT TRAP #1 AND MAINTAIN POSITIVE DRAINAGE TO SEDIMENT TRAPS #1 AND #2 (15 DAYS)
  - AFTER ROUGH GRADING IS COMPLETED, REMOVE TRAP #2 AND THE EARTH DIKE DRAINING TO TRAP #2. EXTEND SILT FENCE ALONG THE NORTH PROPERTY LINE UP TO THE NORTHEAST CORNER OF THE PROPOSED BUILDING (1 DAY)
  - INSTALL WATER, SEWER AND STORM DRAINS (15 DAYS)
  - STABILIZE THE GRADED AREA IN ACCORDANCE WITH THE TEMPORARY SEEDING NOTES (1/2 DAY)
  - BEGIN BUILDING CONSTRUCTION AND INSTALL CURB AND GUTTER AND PAVING (15 DAYS)
  - STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES (1/2 DAY)
  - UPON APPROVAL OF THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR, REMOVE TRAP #1 AND PERFORM FINAL GRADING IN THAT AREA. (1 DAY)
  - UPON APPROVAL OF THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES (1 DAY)
  - STABILIZE ALL REMAINING DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES. (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 COURSE OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR EROSION CONTROL AND SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT"

*[Signature]*  
DEVELOPER

BY THE ENGINEER

"I CERTIFY THAT THIS PLAN FOR EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT I HAVE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT"

*[Signature]*  
ENGINEER

REVIEWED FOR **HOWARD** S.C.D.

AND METS TECHNICAL REQUIREMENTS

*[Signature]* 9/23/89  
SOIL CONSERVATION SERVICE

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

*[Signature]*  
HOWARD S.C.D. DATE

*[Signature]* 10.2.89  
HOWARD S.C.D.

*[Signature]* 10.18.89  
HOWARD S.C.D.

*[Signature]* 9.27.89  
*[Signature]* 9.27.89  
HOWARD S.C.D.

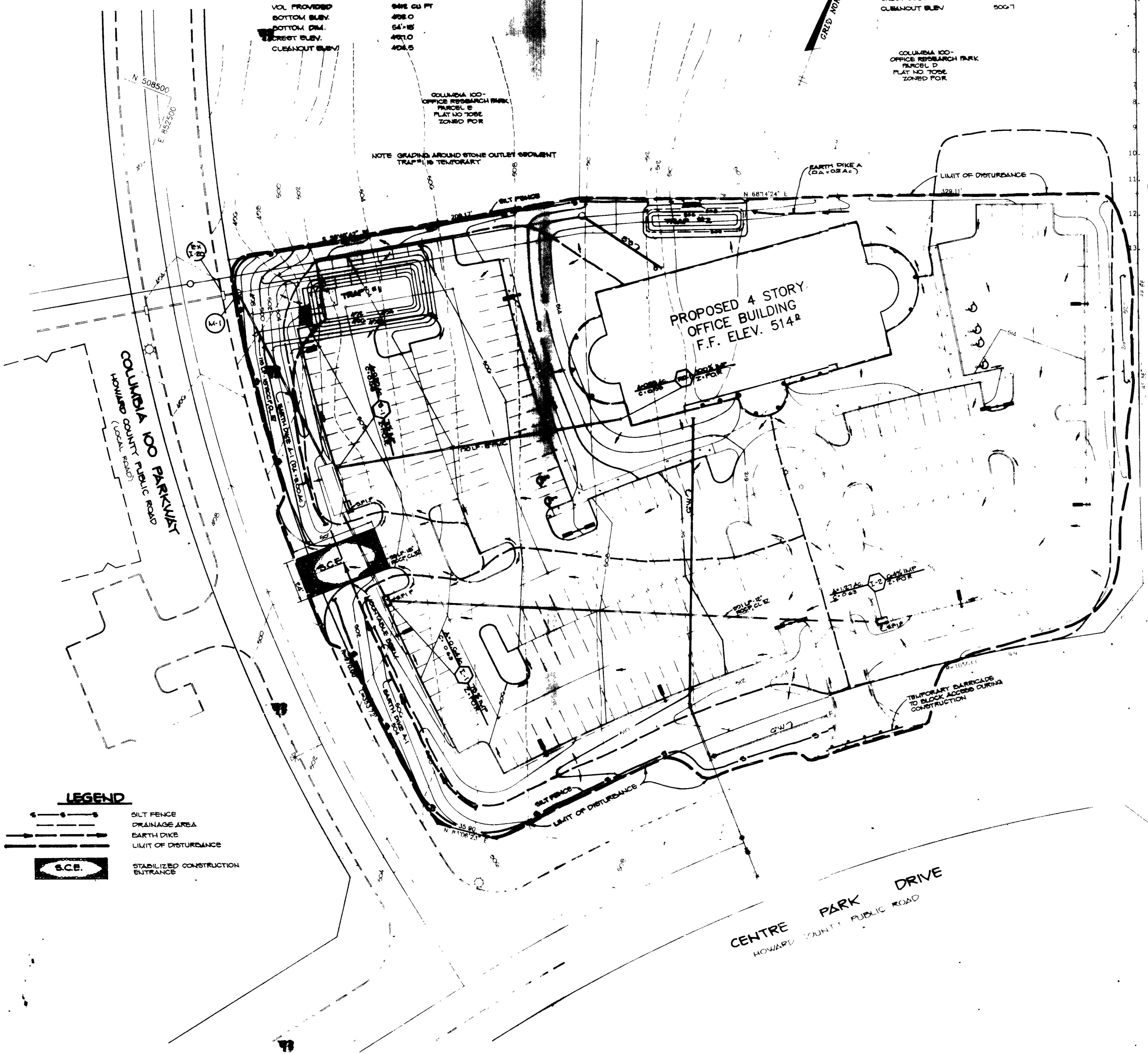
**WILLIAMS CORPORATE CENTRE  
A FOUR STORY OFFICE BUILDING**

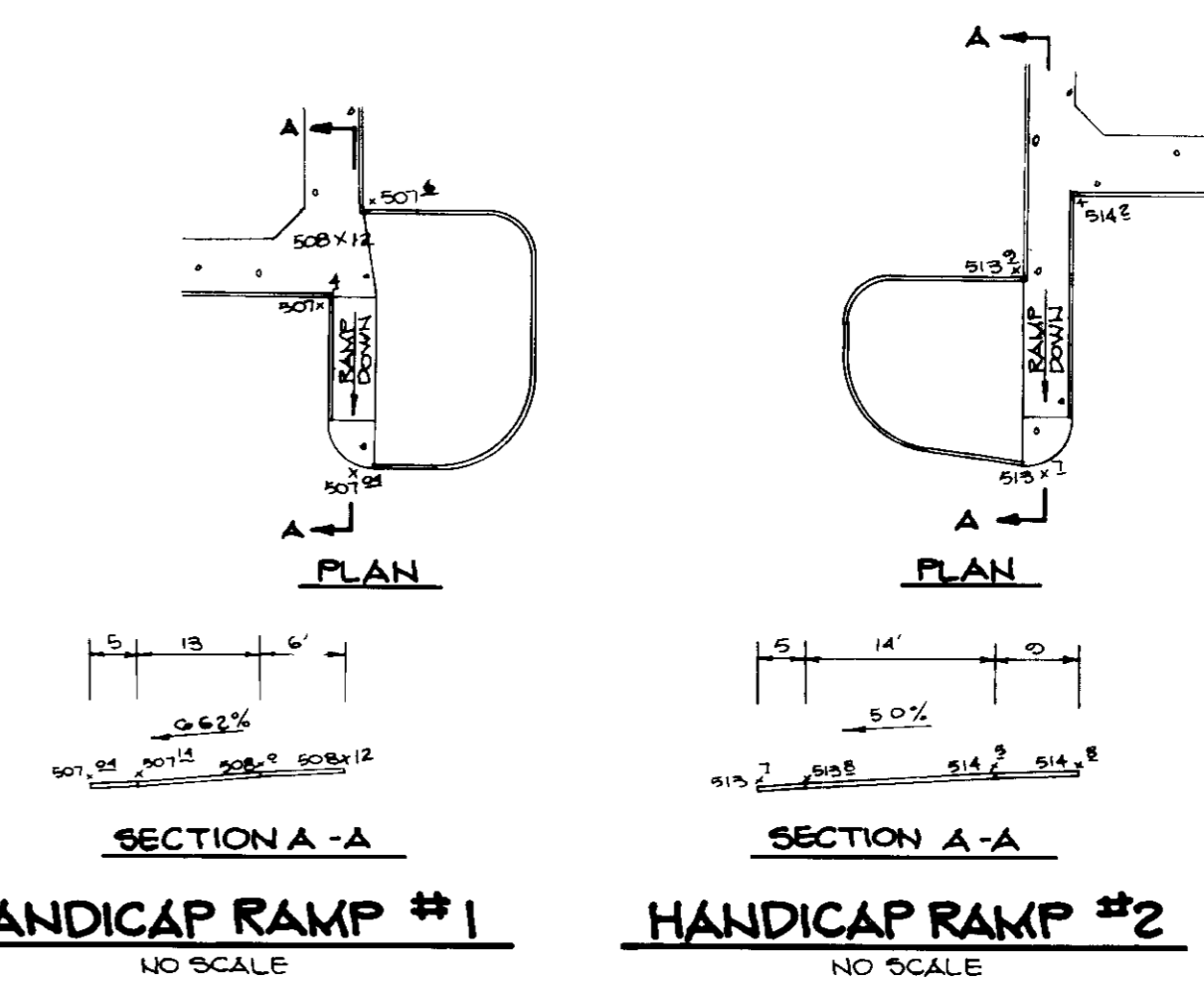
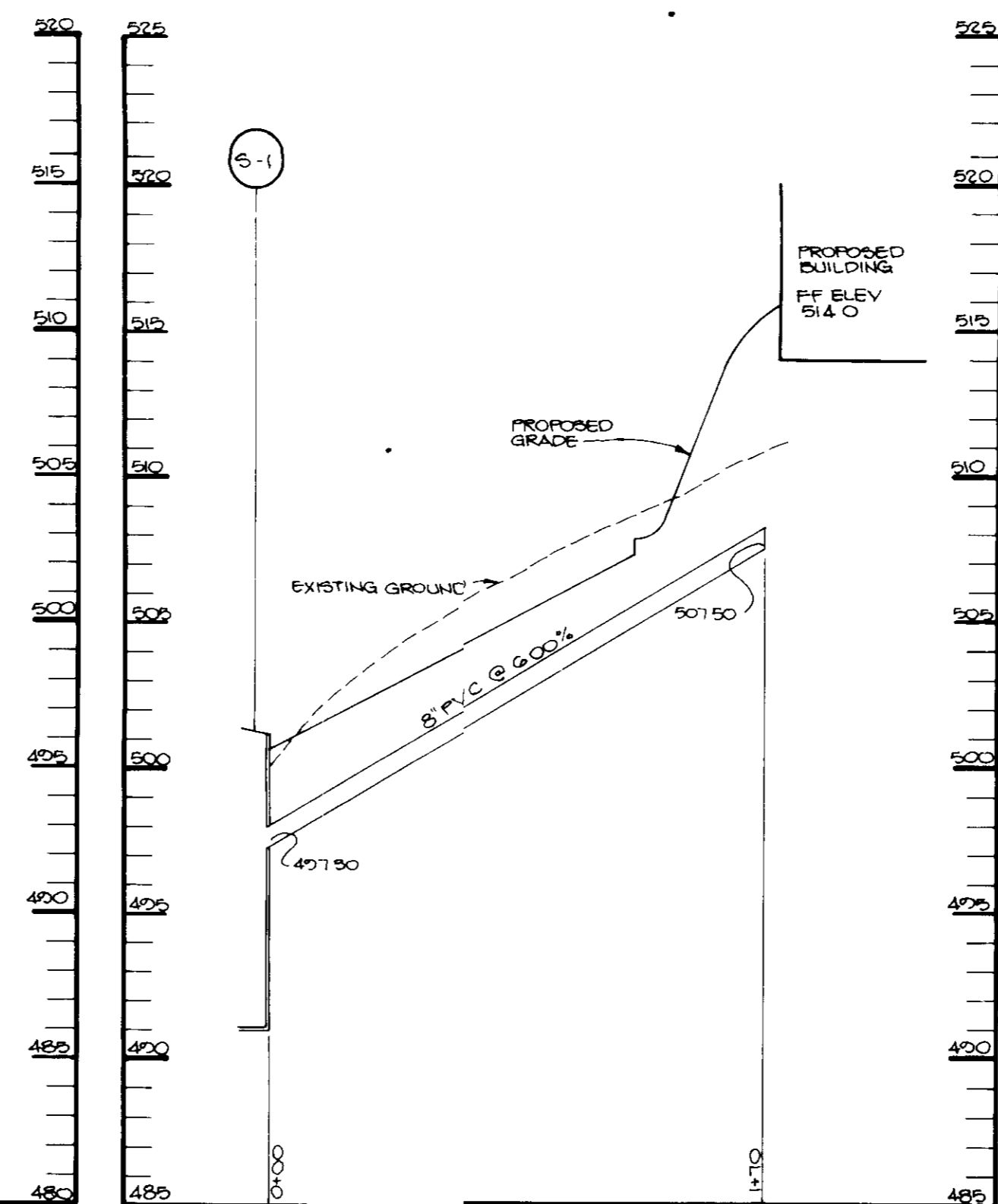
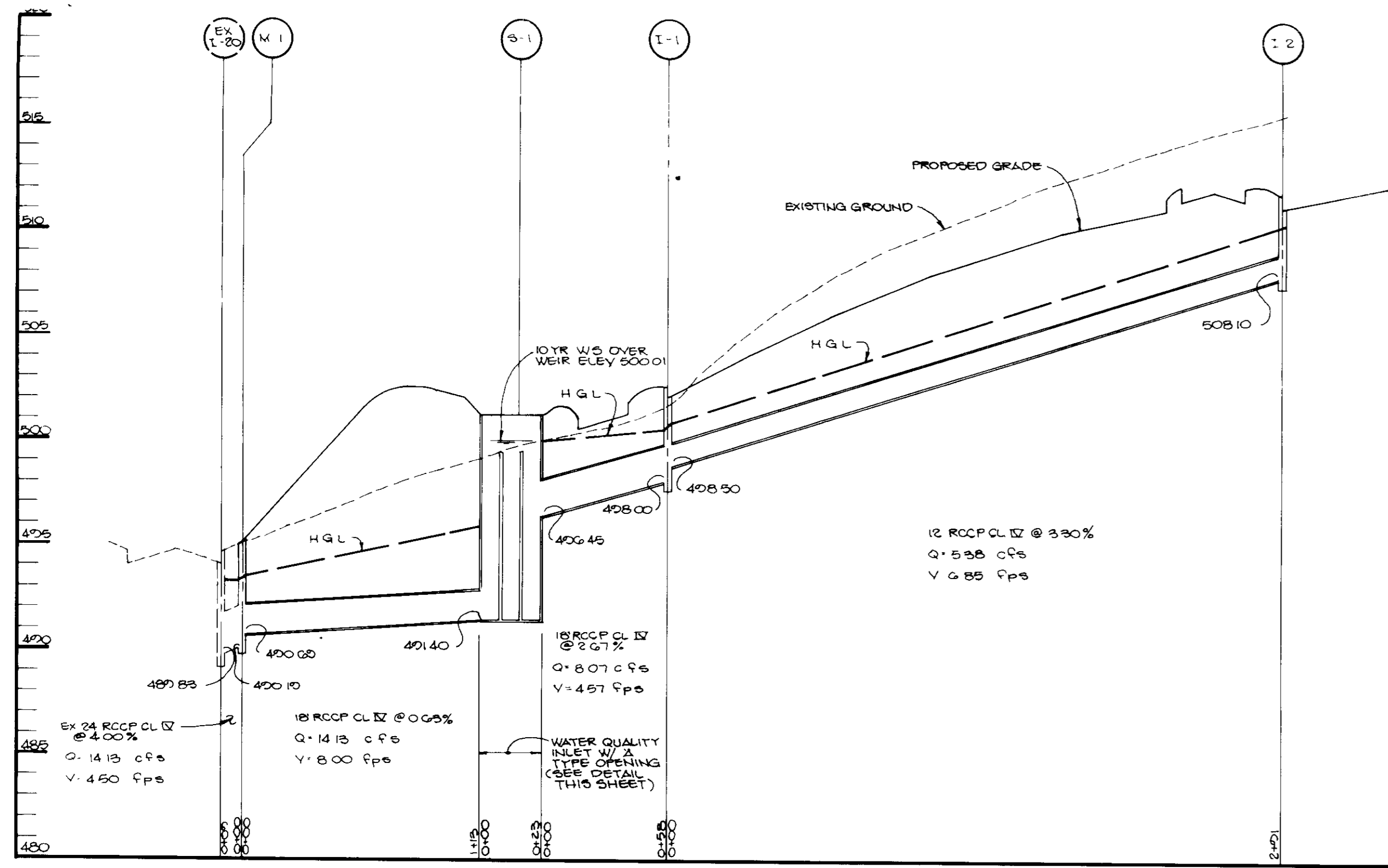
**GRADING, SEDIMENT CONTROL  
AND DRAINAGE AREA MAP**

6-28-89

6-7-89

W.C.W.  
M.A.P.  
542112  
APRIL 24 1989  
11:30  
*[Signature]*  
ARTHUR E. MUEGGE #6107  
602-80-103 509-89-103

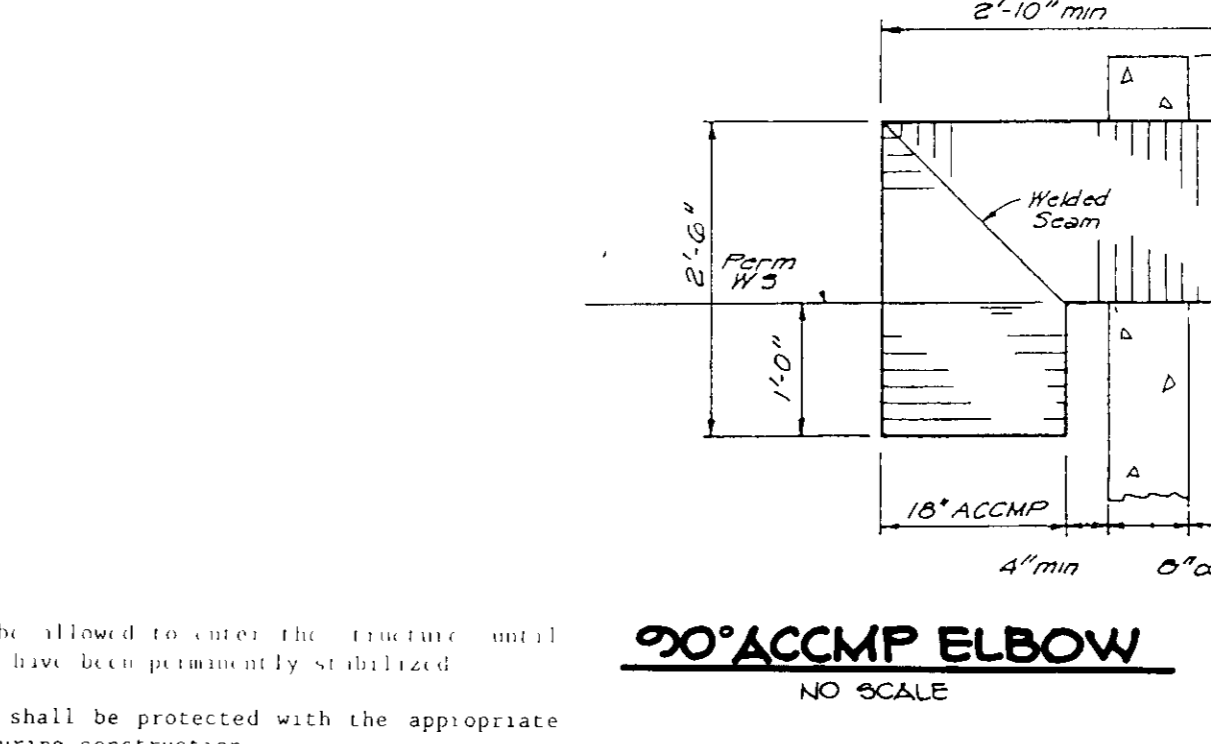
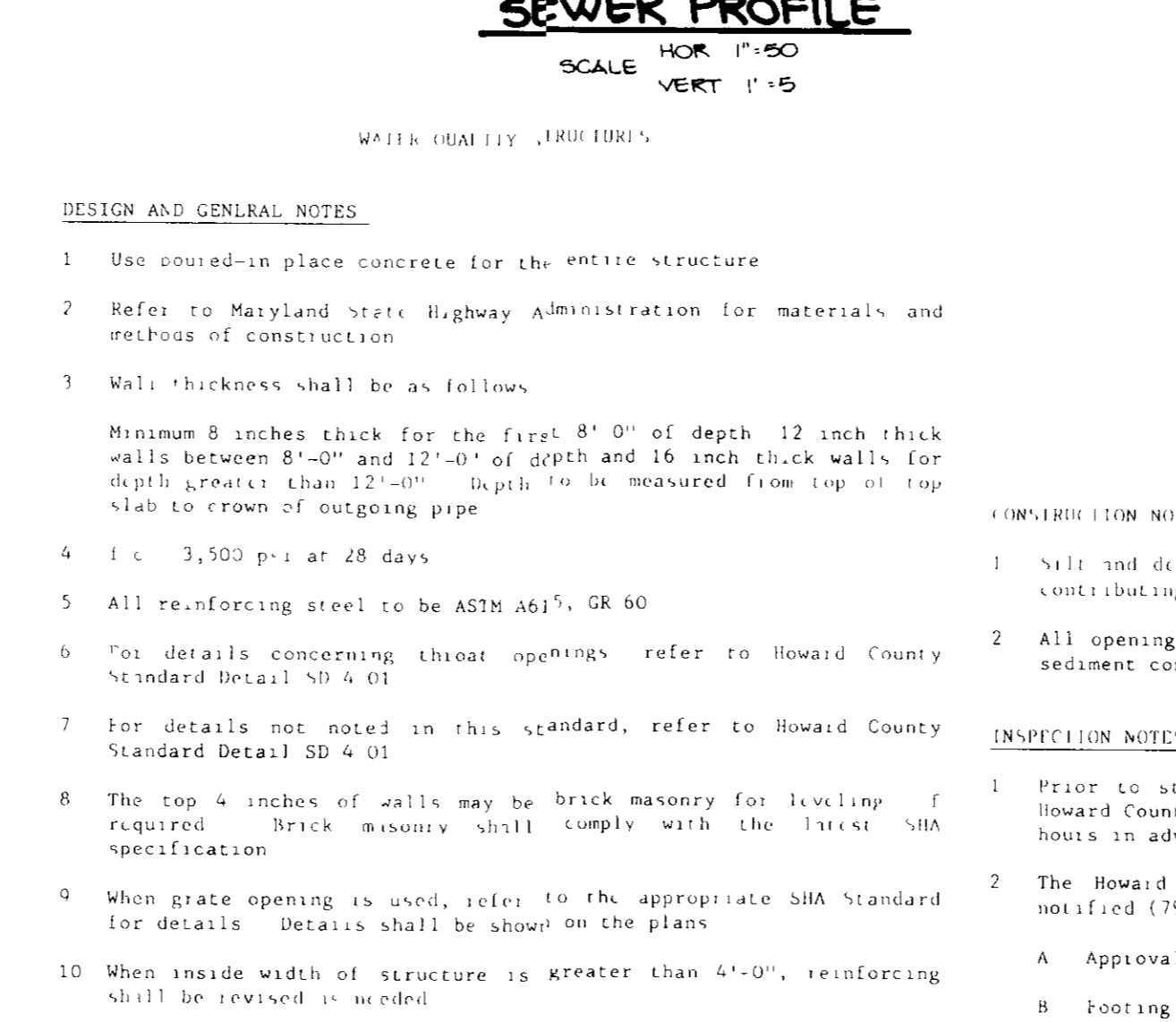
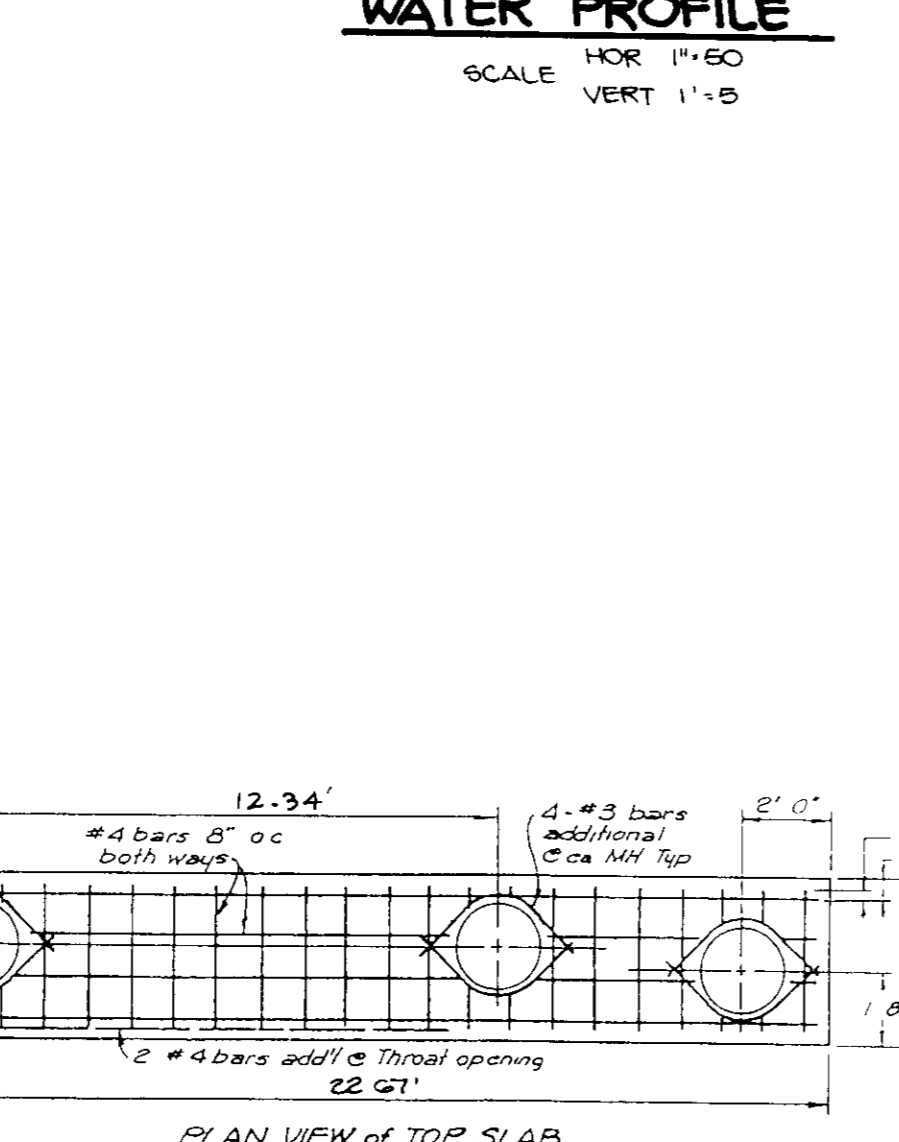
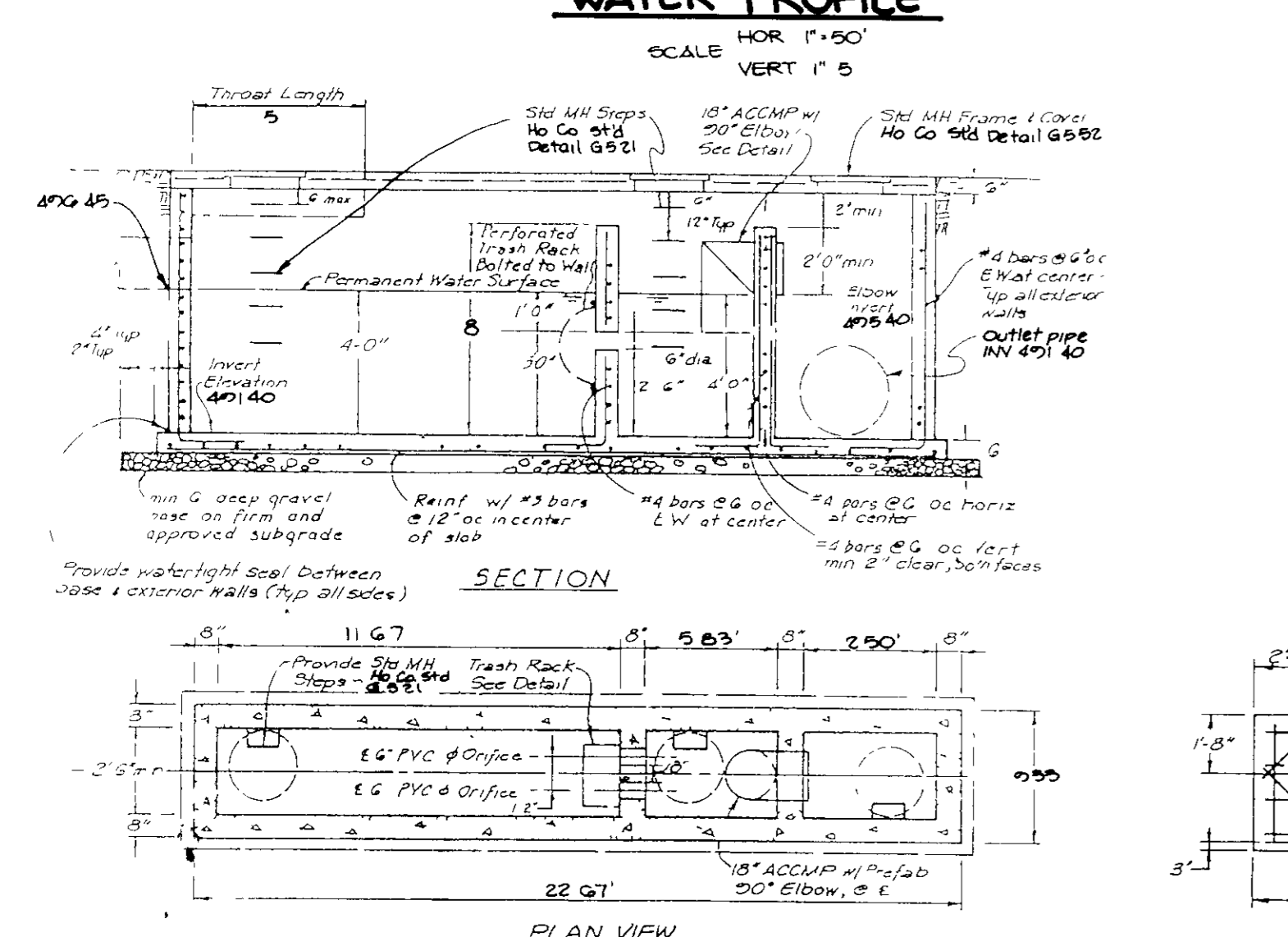
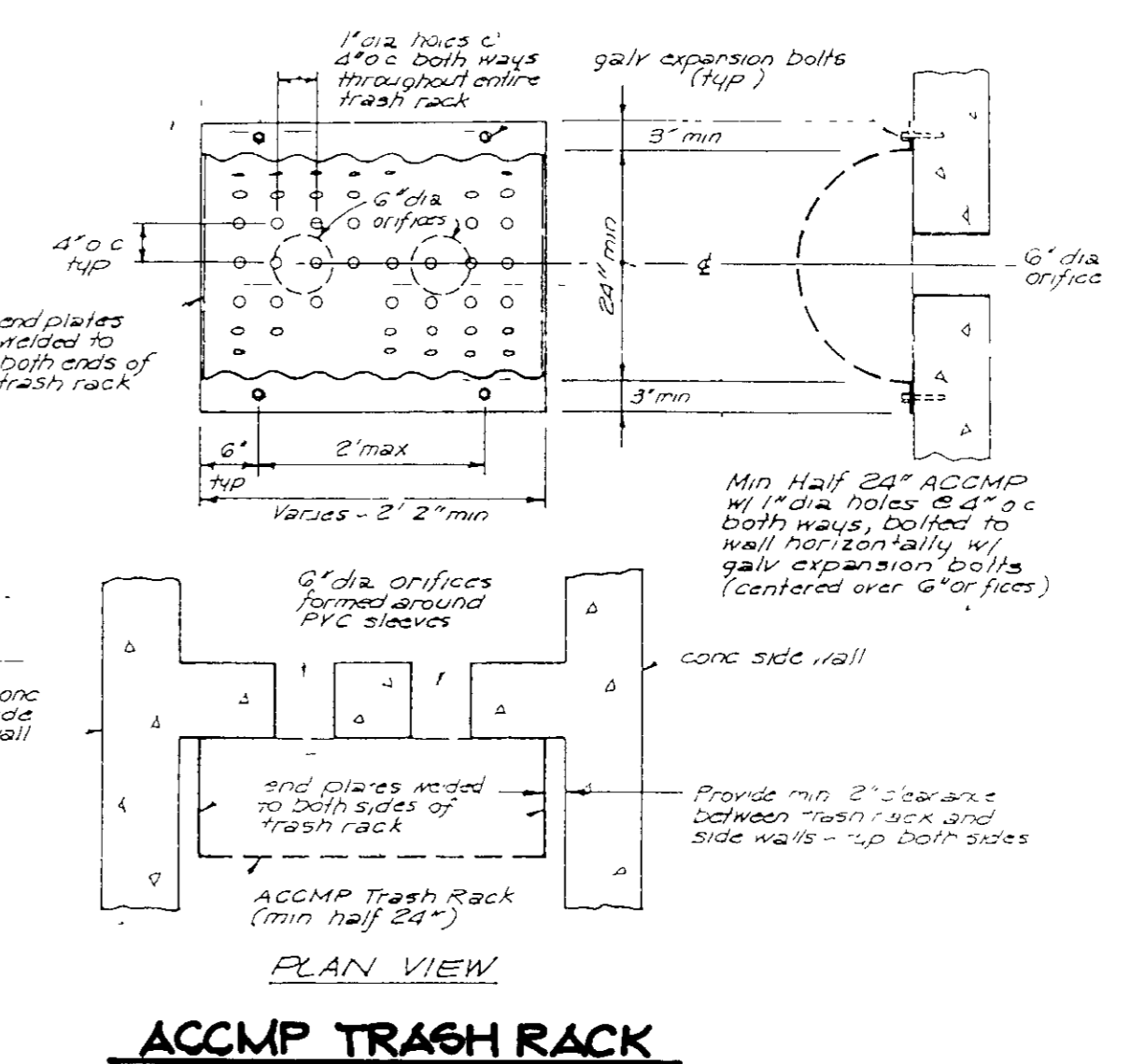
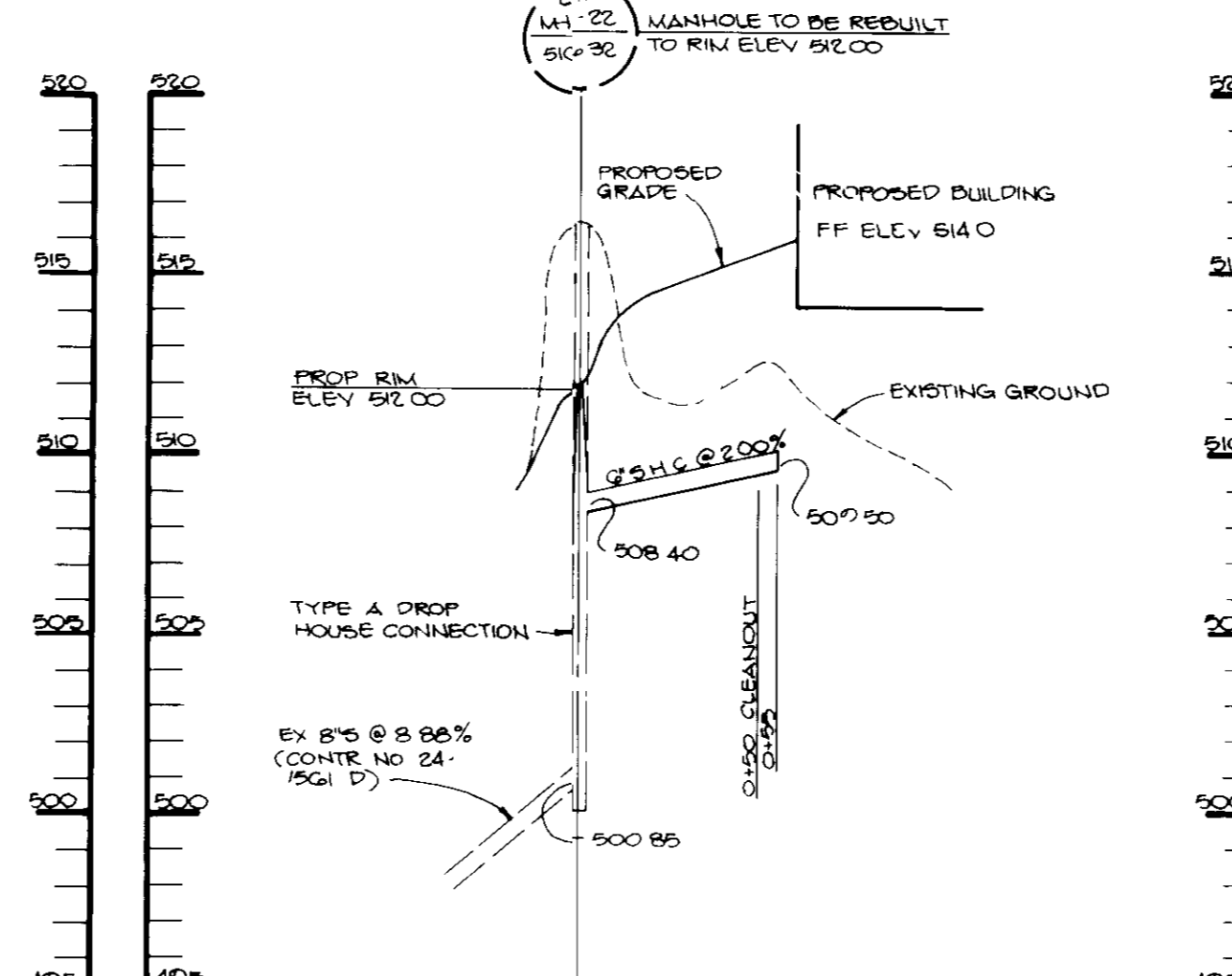
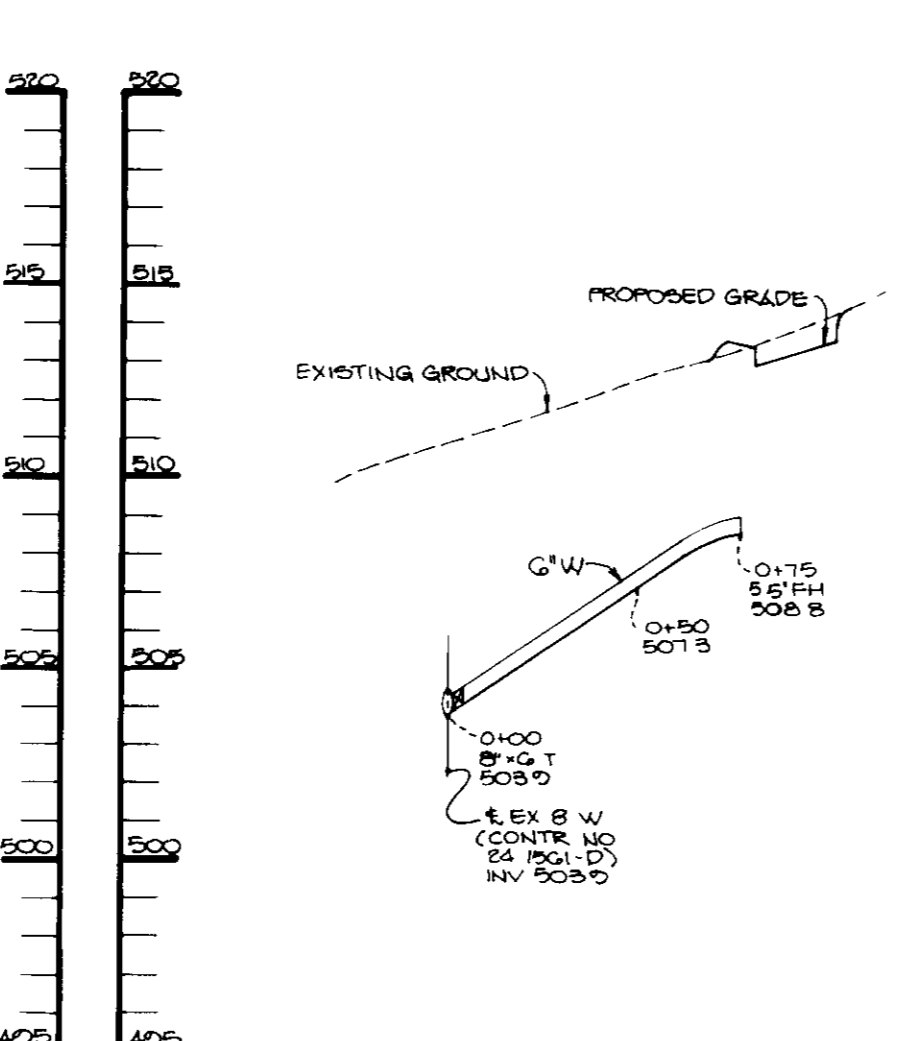
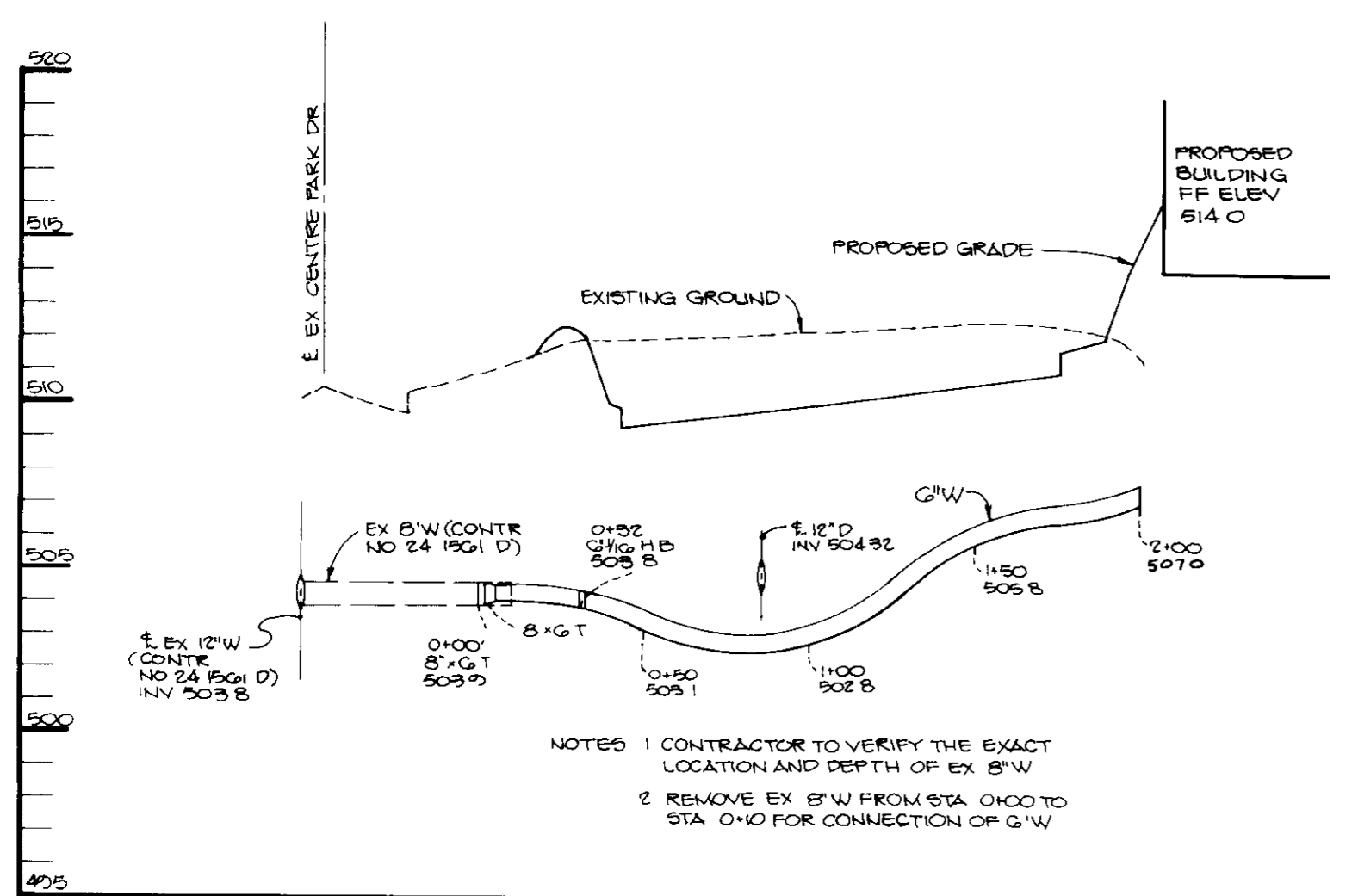




STRUCTURE SCHEDULE

No	Type	T C Elev	Inv In	Inv Out	Remarks
I-1	S Comb	502.60	498.50	498.00	Ho Co Std DTL SD-4 32
I-2	S Comb	511.60	---	508.10	Ho Co Std Dtl SD-4 32
M-1	Stand 4' Manhole	495.00**	490.69	490.19	Ho Co Std Dtl G-5 01
S-1	Water Quality Structure	501.00	496.45(S) 497.30(W)	491.40	See Detail Sheet No 4 of this plan

\*\* Top of Rim Elevation



- DESIGN AND GENERAL NOTES**
- Use poured-in place concrete for the entire structure.
  - Refer to Maryland State Highway Administration for materials and methods of construction.
  - Wall thickness shall be as follows:  
Maximum 8 inches thick for the first 8'-0" of depth, 12 inch thick walls between 8'-0" and 12'-0" of depth and 16 inch thick walls for depth greater than 12'-0". Depth to be measured from top of top slab to crown of outgoing pipe.
  - 1 c. 3,500 psi at 28 days.
  - All reinforcing steel to be ASTM A615, GR 60.
  - For details concerning throat openings refer to Howard County Standard Detail ND 4 01.
  - For details not noted in this standard, refer to Howard County Standard Detail SD 4 01.
  - The top 4 inches of wall may be brick masonry for lining if required. Brick masonry shall comply with the latest SIA specification.
  - When grate opening is used, refer to the appropriate SIA Standard for details. Details shall be shown on the plans.
  - When inside width of structure is greater than 4'-0", reinforcing shall be revised if needed.
  - When structure is subjected to traffic loading, reinforcing shall be designed for the appropriate traffic loads. Design loads shall be indicated on the plan.
  - All inlets and incoming pipes shall be checked for possible backwater or tailwater problems.

- CONSTRUCTION NOTES**
- Soil and debris shall not be allowed to enter the structure until contributing drainage area has been permanently stabilized.
  - All openings to structures shall be protected with the appropriate sediment control measures during construction.
- INSPECTION NOTES**
- Prior to start of construction on water quality structures, the Howard County Department of Public Works inspector must be called 48 hours in advance at 792-2630.
  - The Howard County Department of Public Works inspector must be notified (792-2630) at each of the following stages:
    - Approval of subgrade for footings.
    - Footings formed and steel set prior to pouring.
    - Structure sides formed and steel set prior to pouring.
  - Prior to top slab and manholes being set, Howard County Department of Public Works inspector must check foundation and all debris and silt in structure removed.
  - When site is permanently stabilized and sediment control measures to protect inlet are to be removed.

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

APPROVED HOWARD COUNTY DEPT OF PLANNING AND ZONING

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE	NO	REVISION

OWNER/DEVELOPER  
JEROME M. WILLIAMS  
6660 DOBBIN ROAD  
COLUMBIA, MARYLAND  
21046

PROJECT  
**WILLIAMS CORPORATE CENTRE**  
A FOUR STORY OFFICE BUILDING

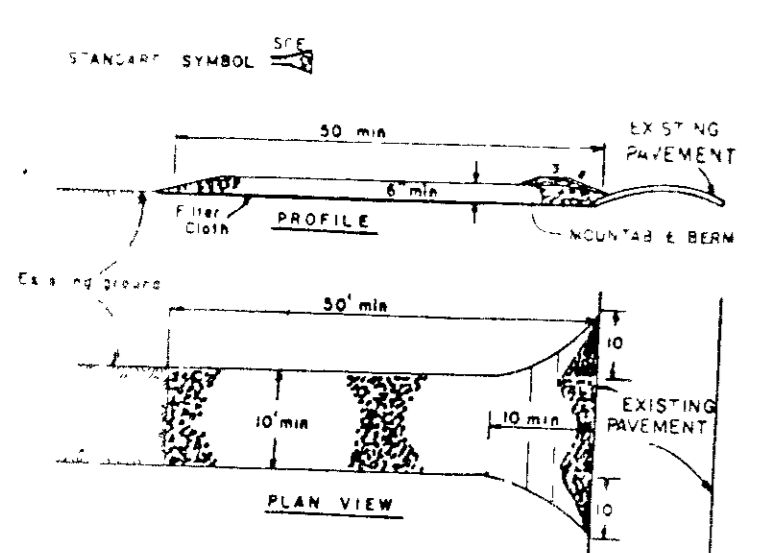
AREA TAX MAP 80 ZONED FOR FLAT NO 70B2  
COLUMBIA CO OFFICE RESEARCH PARK SEC 1 AREA 1 PARCEL C  
2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE  
PROFILES AND DETAILS

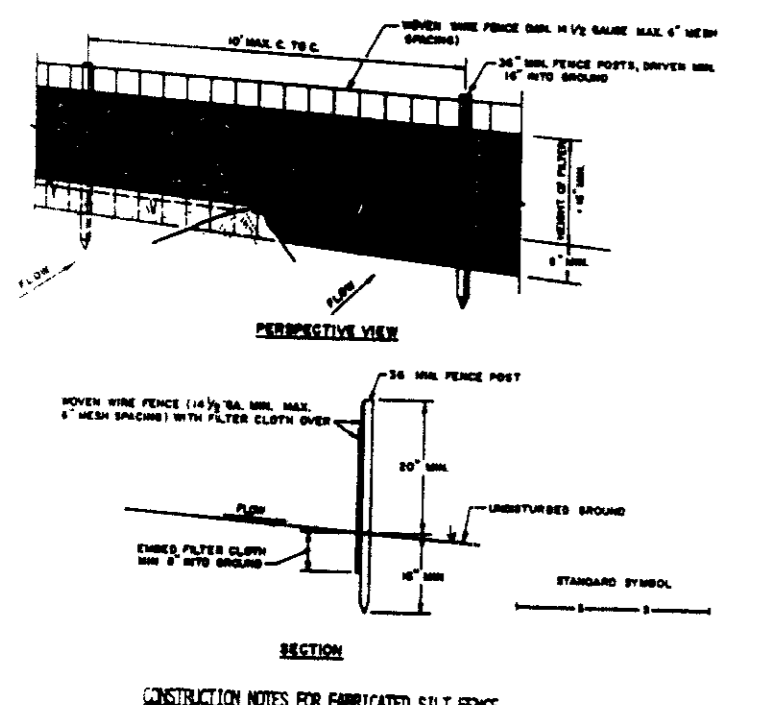
RIEMER MUEGGE & ASSOCIATES, INC.  
A Land Planning, Engineering and Consulting Firm  
3105 North Ridge Road - Ellicott City Maryland 21041  
301-461-2690 FAX 301-750-3176

DATE: 6-7-89

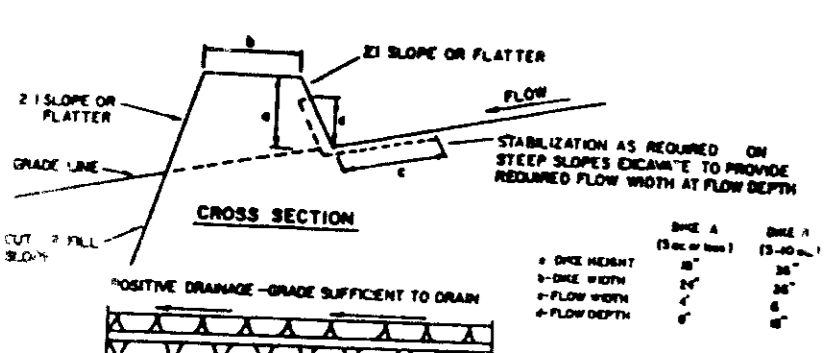
DESIGNED BY: W.C.W.  
DRAWN BY: M.A.D.  
PROJECT NO: 54202  
DATE APRIL 24 1989  
SCALE: AS SHOWN  
DRAWING NO: 4 OF 6



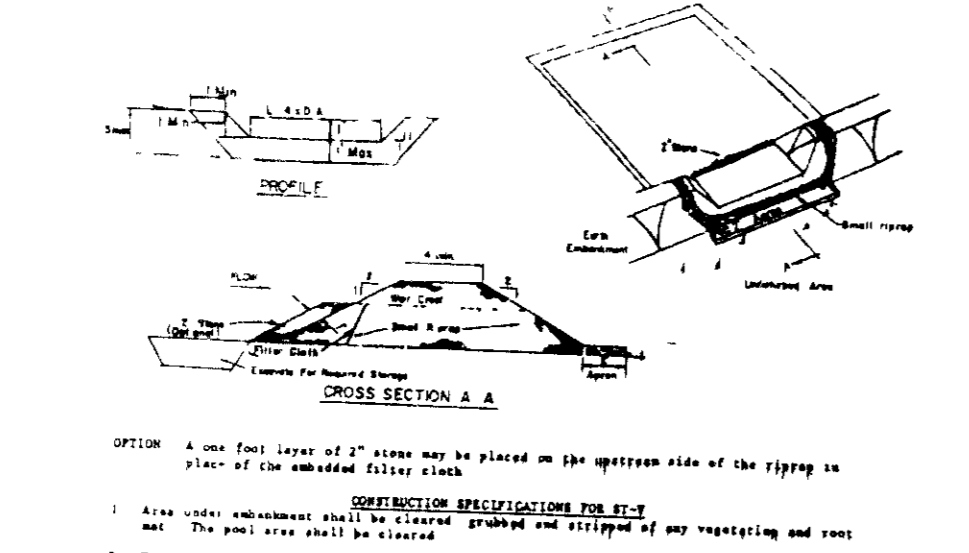
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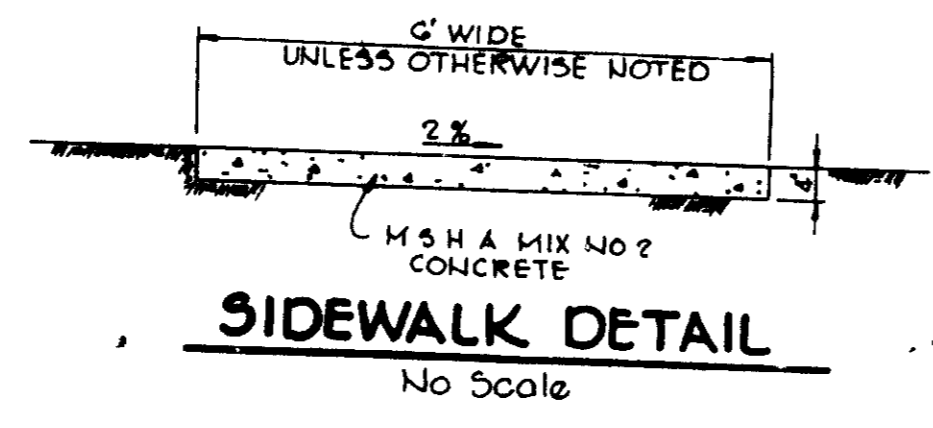
**SILT FENCE**  
NO SCALE



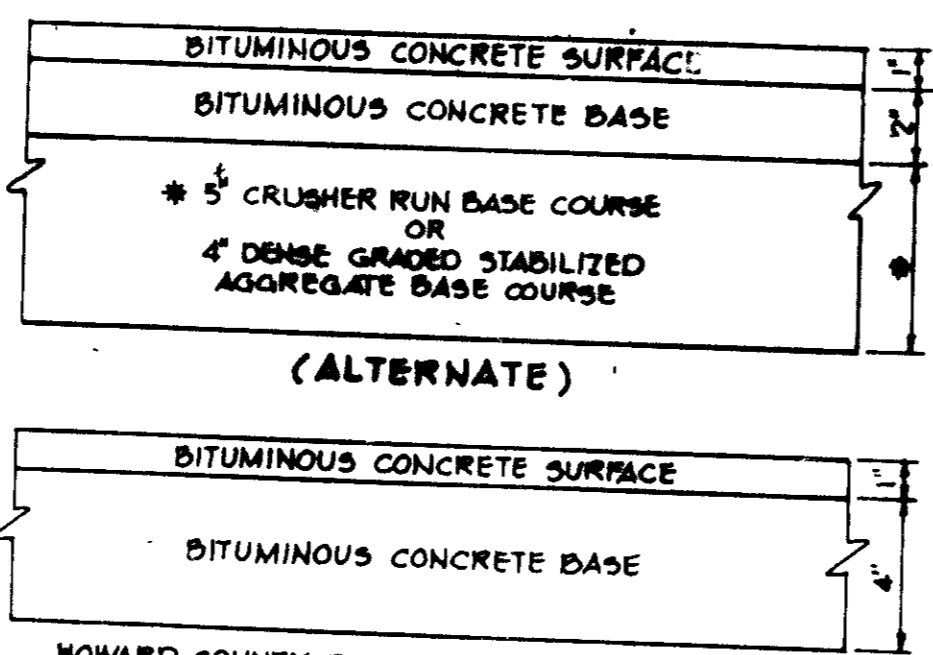
**EARTH DIKE**  
NO SCALE



**HANDICAP SIGN DETAIL**  
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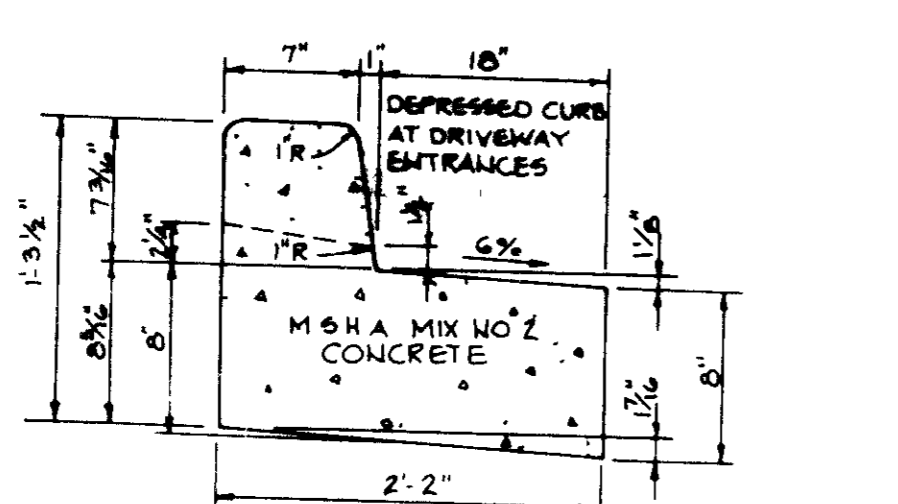


**SIDEWALK DETAIL**  
No Scale

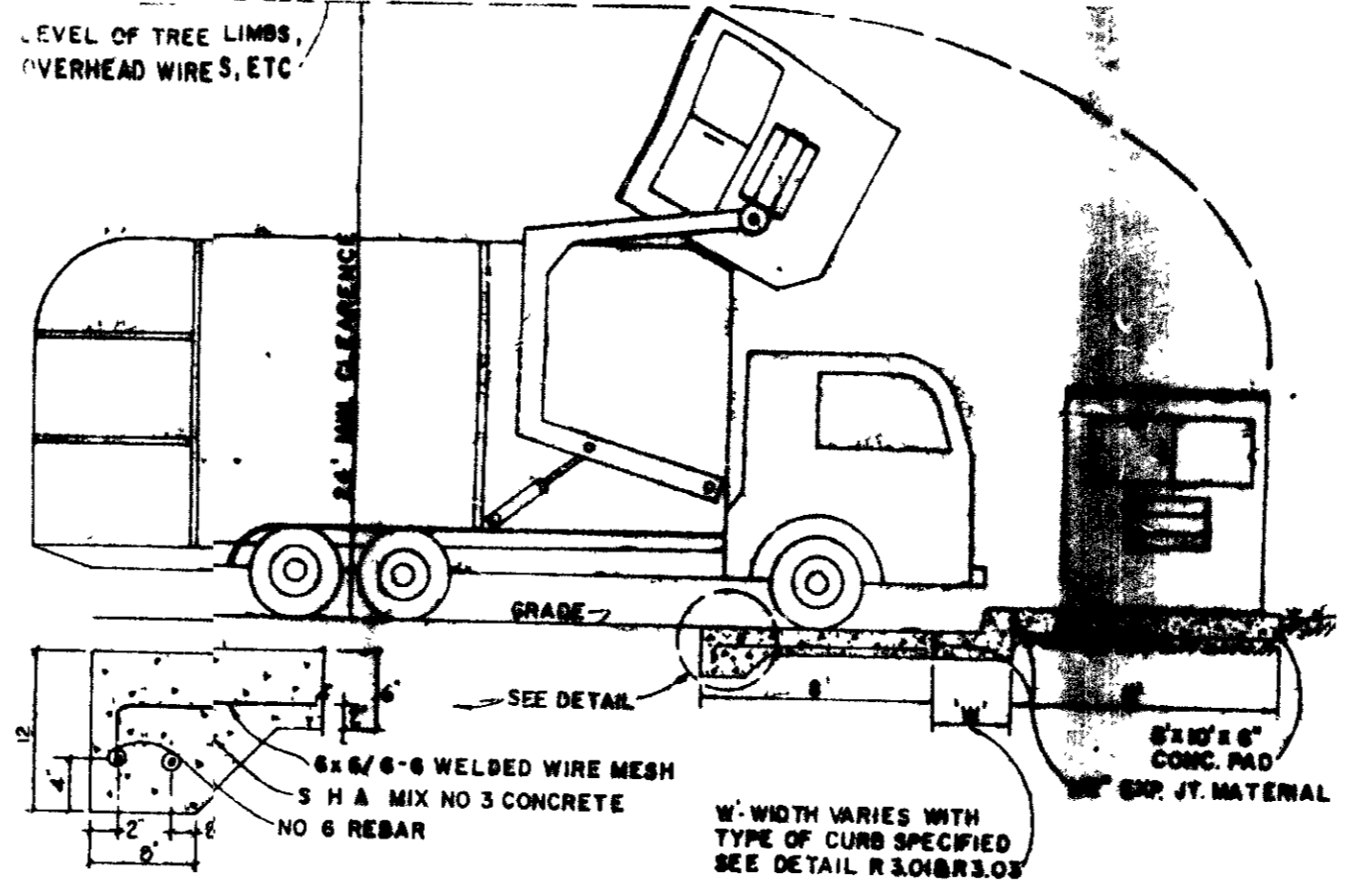


**P-1 PAVING DETAIL**  
NO SCALE

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

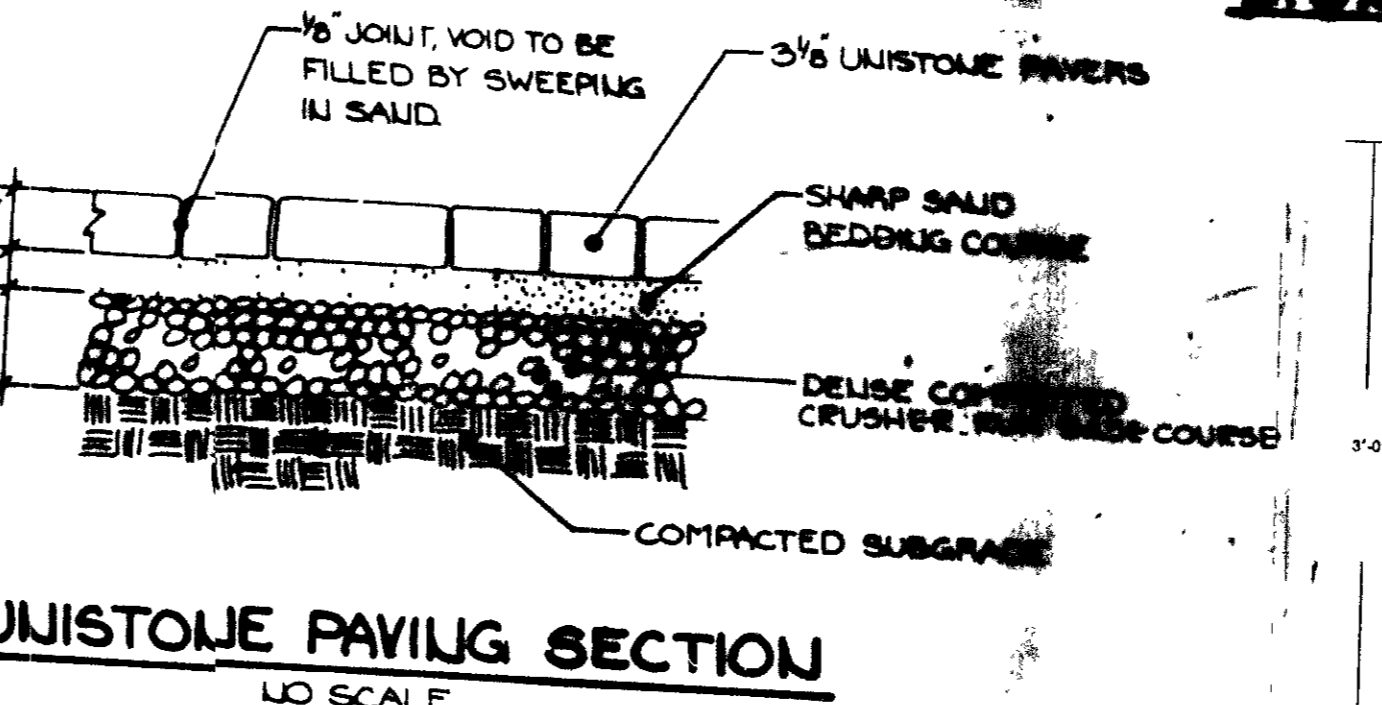


**REVERSE 7" COMBINATION CURB AND GUTTER**  
No Scale

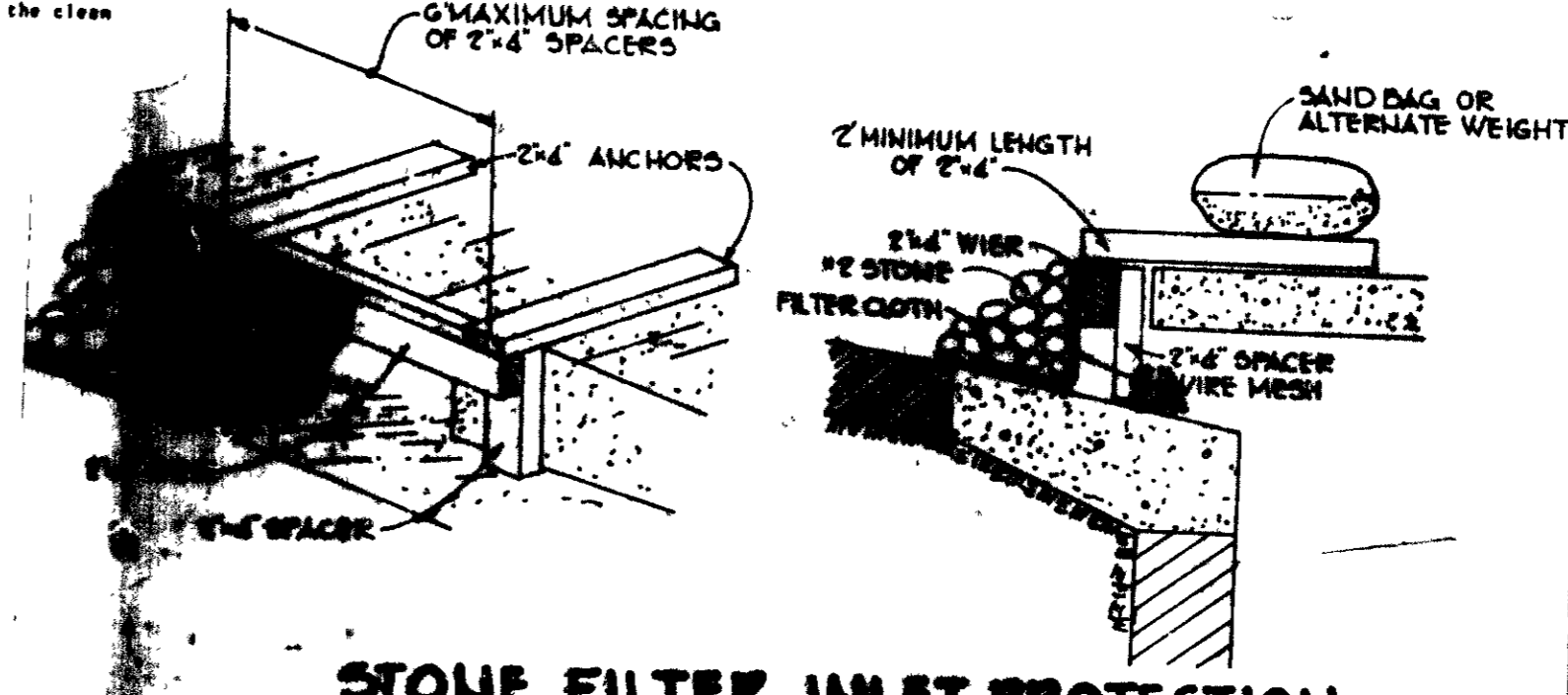


**DUMPSTER PAD DETAIL**  
NO SCALE

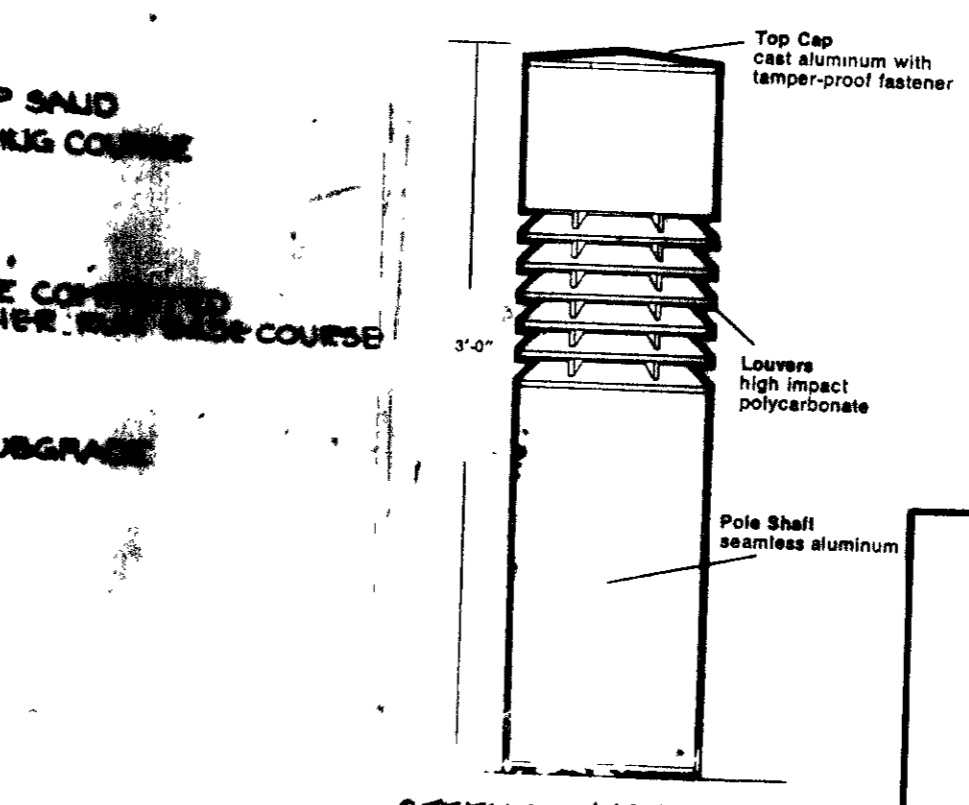
- SEDIMENT CONTROL NOTES**
- A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (992-2437)
  - All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in SOIL 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 HARTLAND STABILIZATION AND SEEDING (Sec. 51) and (Sec. 56), temporary seeding (Sec. 30) and mulching (Sec. 32). Temporary stabilization with which along with grading 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: 5.0 acres
    - Area Disturbed: 3.1 acres
    - Area to be roofed or paved: 1.1 acres
    - Area to be vegetatively stabilized: 1.8 acres
    - Total Curb: 1000.0 ft.
  - BASED ON EXISTING TOPOGRAPHY (SHOWN ON PLANS)
  - 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 DPM 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.



**UNISTONE PAVING SECTION**  
NO SCALE

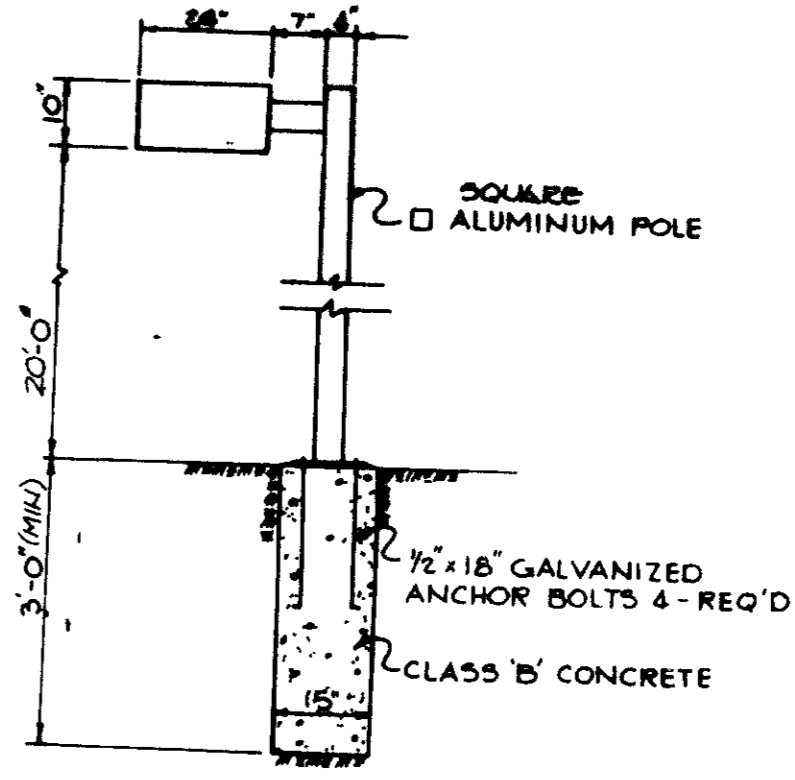


**STONE FILTER INLET PROTECTION**  
NO SCALE



**BOLLARD LIGHT**  
NO SCALE

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



**LIGHT DETAIL**  
No Scale

BY THE DEVELOPER:  
I HEREBY CERTIFY THAT ALL DEVELOPMENT BE DONE ACCORDING TO THIS PLAN, AND THAT I AM PERSONNEL INVOLVED IN THE CONSTRUCTION OF THIS PROJECT HAVE RECEIVED THE NECESSARY TRAINING PROGRAMS, RESOURCES, APPROVED TRAINING PROGRAMS, SEDIMENT AND EROSION CONTROL MEASURES, AND AUTHORIZED PERIODIC ON-SITE INSPECTION BY THE SOIL CONSERVATION DISTRICT.

BY THE ENGINEER:  
I CERTIFY THAT THIS PLAN FOR EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE SOLUTION BASED ON MY PERSONAL KNOWLEDGE OF THE SITE AND PREPARED IN ACCORDANCE WITH THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

REVIEWED FOR HOWARD COUNTY HEALTH DEPARTMENT AND METS TECHNICAL REQUIREMENTS  
*James R. Hahn* 9/22/89  
SOIL CONSERVATION SERVICE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
*James R. Hahn* 9/22/89  
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPT OF PLANNING AND ZONING  
*Charles J. D. Campbell* 10/18/89  
DIRECTOR

APPROVED: HOWARD COUNTY DEPT OF PLANNING AND ZONING  
*James R. Hahn* 9/27/89  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE SYSTEMS, DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James R. Hahn* 9/27/89  
DIRECTOR

APPROVED: HOWARD COUNTY DEPT OF PLANNING AND ZONING  
*James R. Hahn* 9/27/89  
CHIEF, BUREAU OF ENGINEERING

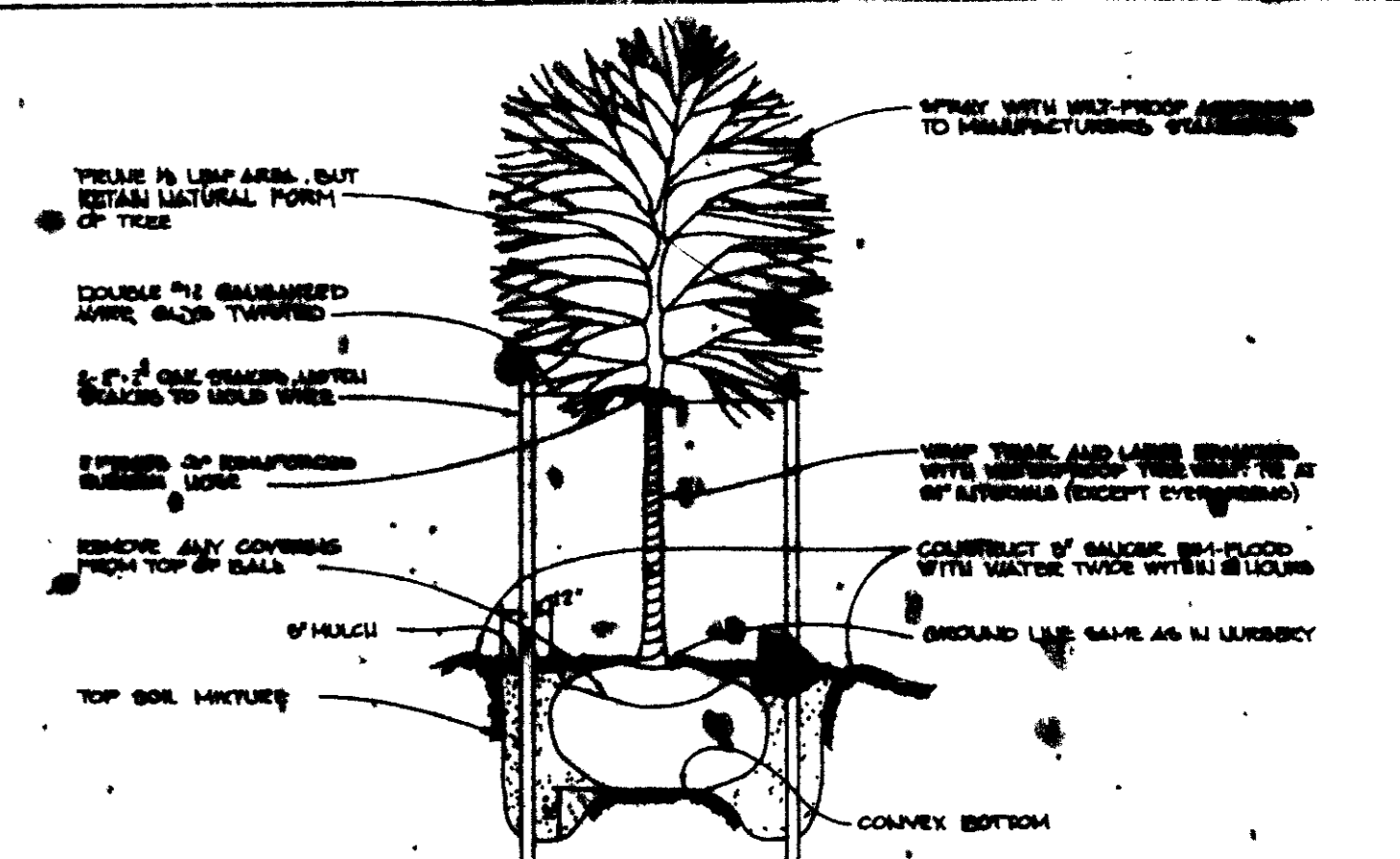
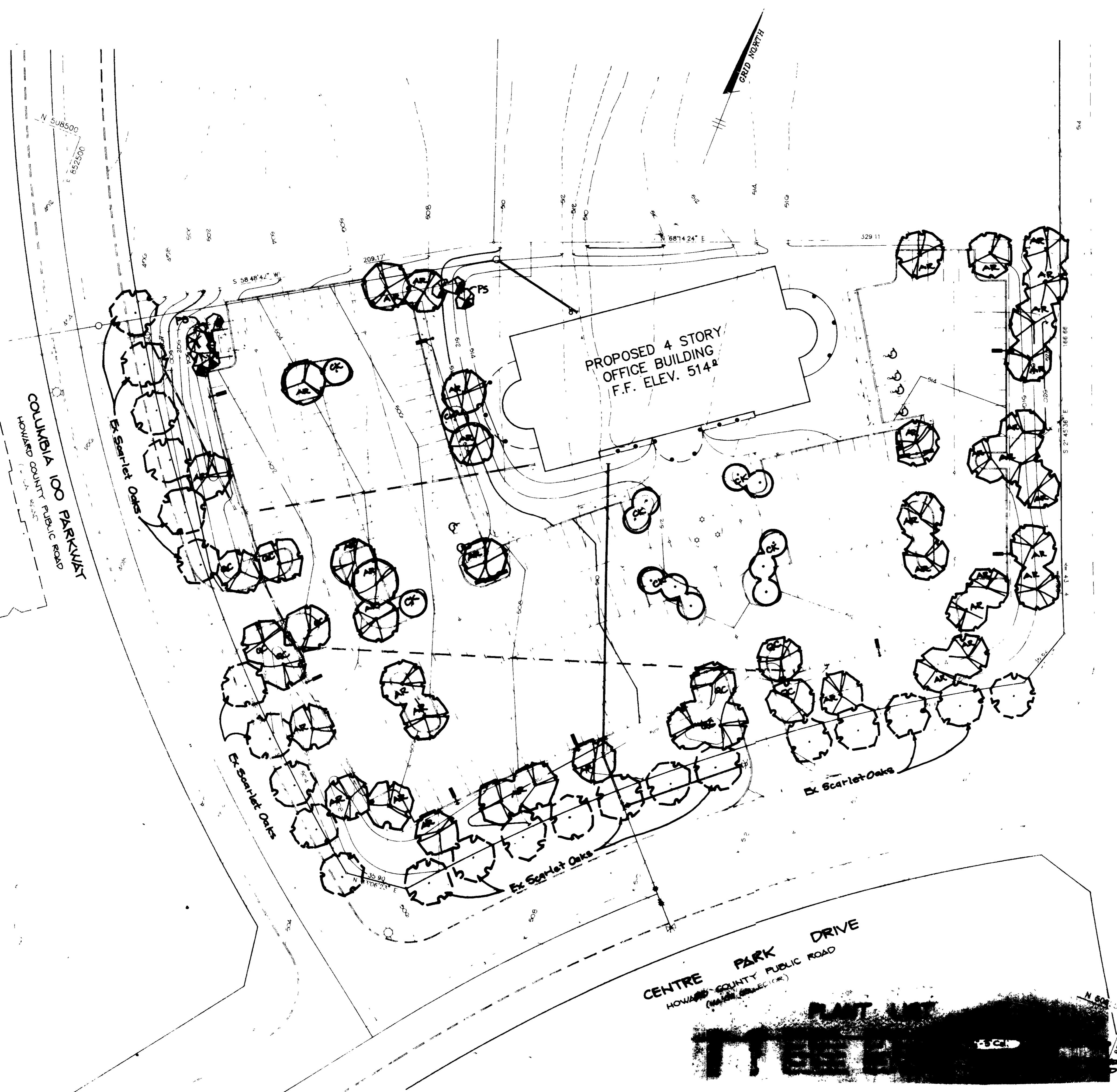
OWNER/DEVELOPER  
JEROME M WILLIAMS  
6600 DOBEN ROAD  
COLUMBIA MARYLAND 21045

PROJECT  
WILLIAMS CORPORATE CENTRE  
A FOUR STORY OFFICE BUILDING

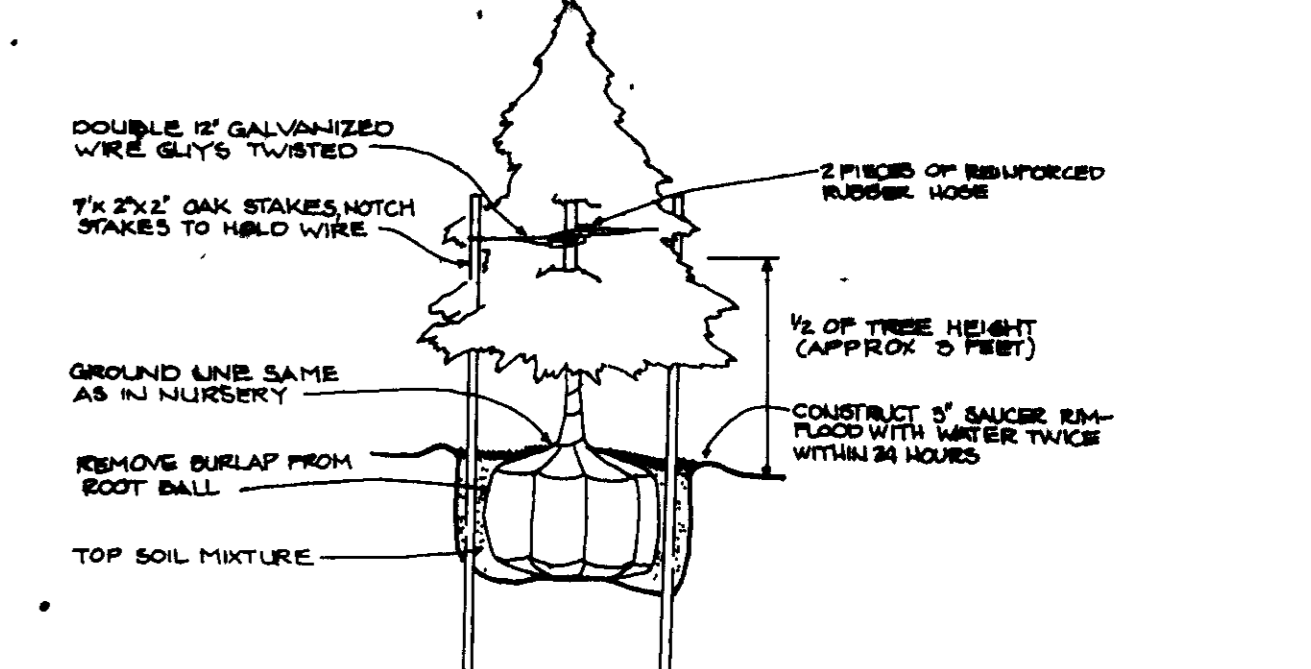
AREA TAX MAP 80 ZONED FOR R-1000 7052  
COLUMBIA 100-OFFICE RESEARCH PARK  
2ND ELECTION DISTRICT, HOWARD COUNTY MARYLAND

TITLE  
DETAIL SHEET

RIEMER MUEGGE & ASSOCIATES, INC  
A Land Planning, Engineering, and Consulting Firm,  
3105 North Ridge Road, Ellicott City, Maryland 21043  
301-461-2690 FAX 301-461-2691

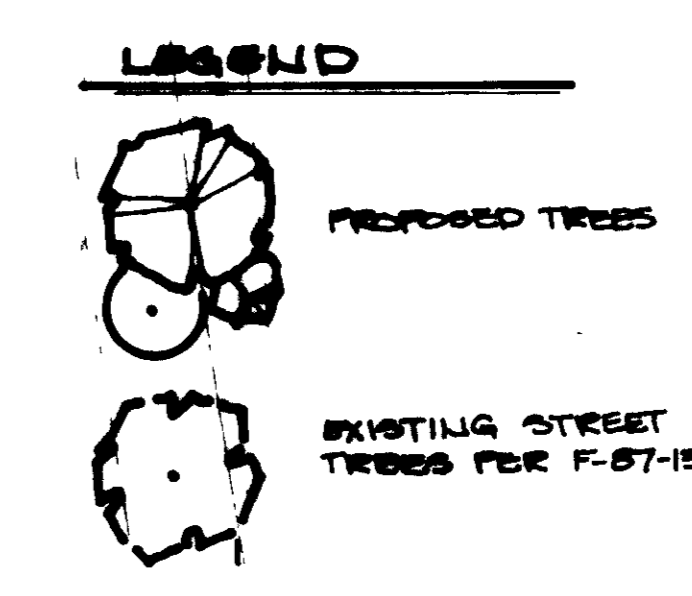


DECIDUOUS TREE PLANTING DETAIL NO SCALE



EVERGREEN PLANTING DETAIL NO SCALE

APPROVED FOR THE CITY OF WASHINGTON	10-2-89
DEPT	10.10.89
1/1/89	
9/29/89	
9-27-89	



6-7-89

**WILLIAMS CORPORATE CENTRE**  
A FOUR STORY OFFICE BUILDING

SEC 1, AREA 1 PARCEL C

**LANDSCAPE PLAN**

KIMBLE ARCHITECTS ASSOCIATES

Sept. 12, 1989

LLB  
ZLK  
84203

APRIL 21, 1989

SCALE 1" = 30'

Melanie Moran