





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

*Joseph P. Baker* 2-19-86  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

*Thomas A. Davis* 2-20-86  
PLANNING DIRECTOR DATE

*Arthur W. Buchanan* 2-20-86  
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

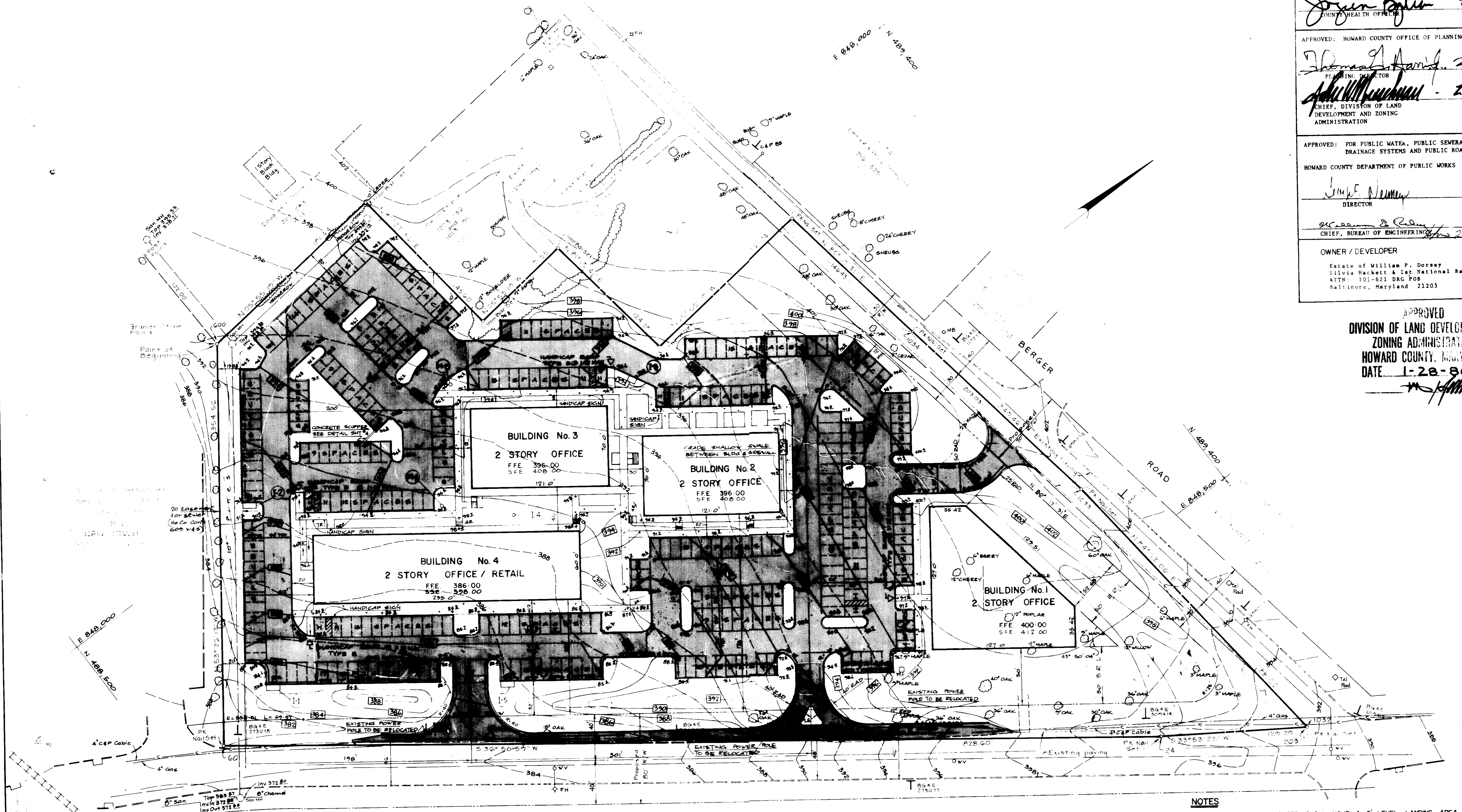
*Jim E. Neuman* 2-19-86  
DIRECTOR DATE

*William S. Roney* 2-11-86  
CHIEF, BUREAU OF ENGINEERING DATE

OWNER / DEVELOPER

Estate of William P. Dotsey  
Sylvia Mackett & 1st National Bank  
ATTN: 101-621 DRG P.O.B.  
Baltimore, Maryland 21203

APPROVED  
DIVISION OF LAND DEVELOPMENT  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 1-28-86  
*M. J. Hill*



- NOTES**
- (1) ALL HANDICAPPED ENTRANCES SHALL HAVE A 5' LEVEL LANDING AREA AT EACH ENTRANCE DOOR AND SHALL BE LEVEL WITH THE ENTRANCE FLOOR ELEVATION.
  - (2) ALL ENTRANCES TO BE CONSTRUCTED WITH STANDARD 7" COMBINATION CURB AND GUTTER BARRIER CURB AND MONOLITHIC SIDEWALK AND CURB TO BE USED IN ALL OTHER AREAS UNLESS OTHERWISE NOTED.
  - (3) ALL DIMENSIONS TO R/W LINES ARE FROM PROPOSED R/W LINES
  - (4) WHERE BARRIER AND STANDARD 7" CURB AND GUTTER MEET MONOLITHIC CURB AND SIDEWALK, CURB ELEVATION SHALL BE TRANSITIONED OVER 5FT. TO MEET TOP OF MONOLITHIC SECTION
  - (5) ALL ELEVATIONS SHOWN ARE TOP OF CURB EXCEPT AT INLETS

*Arthur W. Buchanan*

no.	revisions description	date

prepared by  
**RBA** ENGINEERS • ARCHITECTS • PLANNERS  
5485 HARPERS FARM RD  
JOSEPH SQUARE, SUITE 200  
COLUMBIA, MARYLAND 21044  
301/730-7950 G21-G050

**BUILDING LAYOUT & SITE GRADING PLAN**  
OAKWOOD BUSINESS CENTER  
TAX MAP 42, PARCEL 33  
6TH ELECTION DISTRICT HOWARD Co. Md.

SCALE	1"=40'
DRAWN MK/DS	CHECKED JL/JH
PROJ. NO. 4777	DATE 10-25-85
2	7
SHEET	OF

SDP-86-119



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.  
*James B. Green* 2-19-86  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*Thomas J. Amey* 2-20-86  
PLANNING DIRECTOR DATE

*John W. ...* 2-20-86  
CHIEF, DIVISION OF LAND  
DEVELOPMENT AND ZONING  
ADMINISTRATION DATE

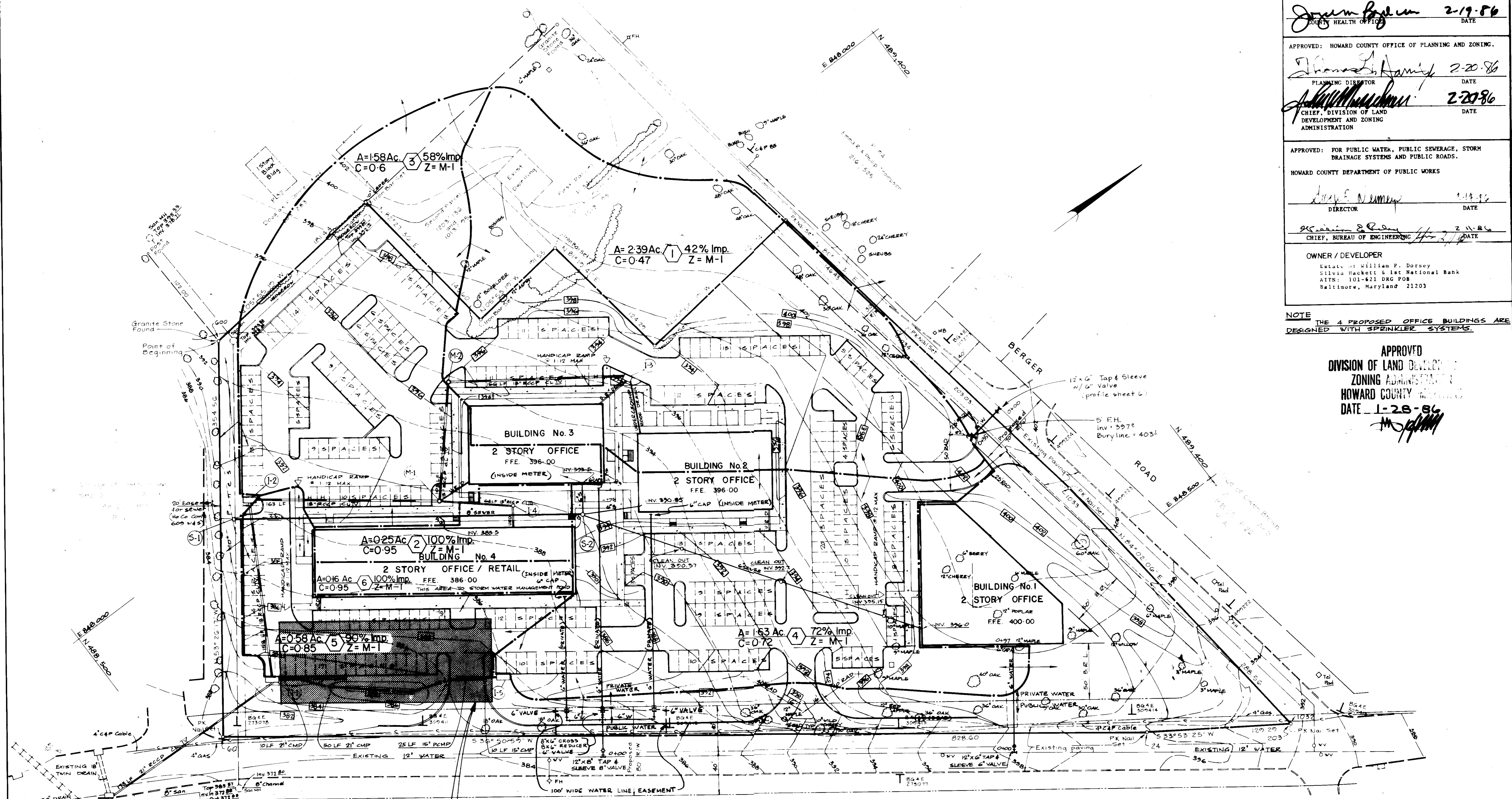
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM  
DRAINAGE SYSTEMS AND PUBLIC ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Lucy E. ...* 2-19-86  
DIRECTOR DATE

*William S. ...* 2-11-86  
CHIEF, BUREAU OF ENGINEERING DATE

OWNER / DEVELOPER  
Estate of William P. Dorsey  
Silvia Hackett & 1st National Bank  
ATTN: 101-421 DRG POB  
Baltimore, Maryland 21203

NOTE  
THE 4 PROPOSED OFFICE BUILDINGS ARE  
DESIGNED WITH SPRINKLER SYSTEMS.

APPROVED  
DIVISION OF LAND DEVELOPMENT  
ZONING ADMINISTRATION  
HOWARD COUNTY  
DATE 1-28-86  
*M. ...*



150' x 74' x 6'  
STONE S.V.M.  
FACILITY. SEE DETAIL  
ON SHEET #6

STRUCTURE SCHEDULE						
No.	TYPE	LOCATION	INV. IN	INV. OUT	TOP. ELEV.	REMARKS
I-1	A-10 Mod.	SEE PLAN	379.4	378.3	383.6	SEE SHEET 6
I-2	A-10	SEE PLAN	384.5	382.6	391.3	Ho. Co. STD SD4.02
I-3	A-5	SEE PLAN	---	390.4	393.9	Ho. Co. STD SD4.01
I-4	YARD INLET	SEE PLAN	---	390.0	394.0	Ho. Co. STD SD4.14
I-5	A-10	SEE PLAN	---	380.4	384.5	Ho. Co. STD SD4.01
M-1	4 DIA. M.H.	SEE PLAN	386.5	385.6	395.4	Ho. Co. STD G 5-12
M-2	4 DIA. M.H.	SEE PLAN	388.2	387.9	396.9	Ho. Co. STD G 5-12
S-1	4 DIA. M.H.	SEE PLAN	376.3	376.11	390.0	Ho. Co. STD G 5-12
S-2	4 DIA. M.H.	SEE PLAN	---	387.9	395.7	Ho. Co. STD G 5-12

*Frank ...*

revisions	date	prepared by	<b>RBA</b> ENGINEERS • ARCHITECTS • PLANNERS 5485 HARPERS FARM RD. JOPE PH SQUARE, SUITE 200 COLUMBIA, MARYLAND 21044 301/730-7950 G21-G050	<b>DRAINAGE AREA MAP &amp; UTILITY PLANS</b> <b>OAKWOOD BUSINESS CENTER</b> TAX MAP 42, PARCEL 33 6TH ELECTION DISTRICT HOWARD Co. Md.	SCALE 1" = 40'
no					DRAWN MK/DS CHECKED JL/JH PROJ. NO. 4777 DATE 12.20.85 SHEET 3 OF 7

*Jaym Blum* 2-19-86  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Donald Harris* 2-20-86  
PLANNING DIRECTOR DATE

*John W. Maschman* 2-20-86  
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

*James E. Nunn* 2-19-86  
DIRECTOR DATE

*William E. Riley* 2-11-86  
CHIEF, BUREAU OF ENGINEERING DATE

OWNER / DEVELOPER  
Estate of William P. Dorsey  
Silvia Hackett & 1st National Bank  
ATTN: 101-621 DRG POB  
Baltimore, Maryland 21203

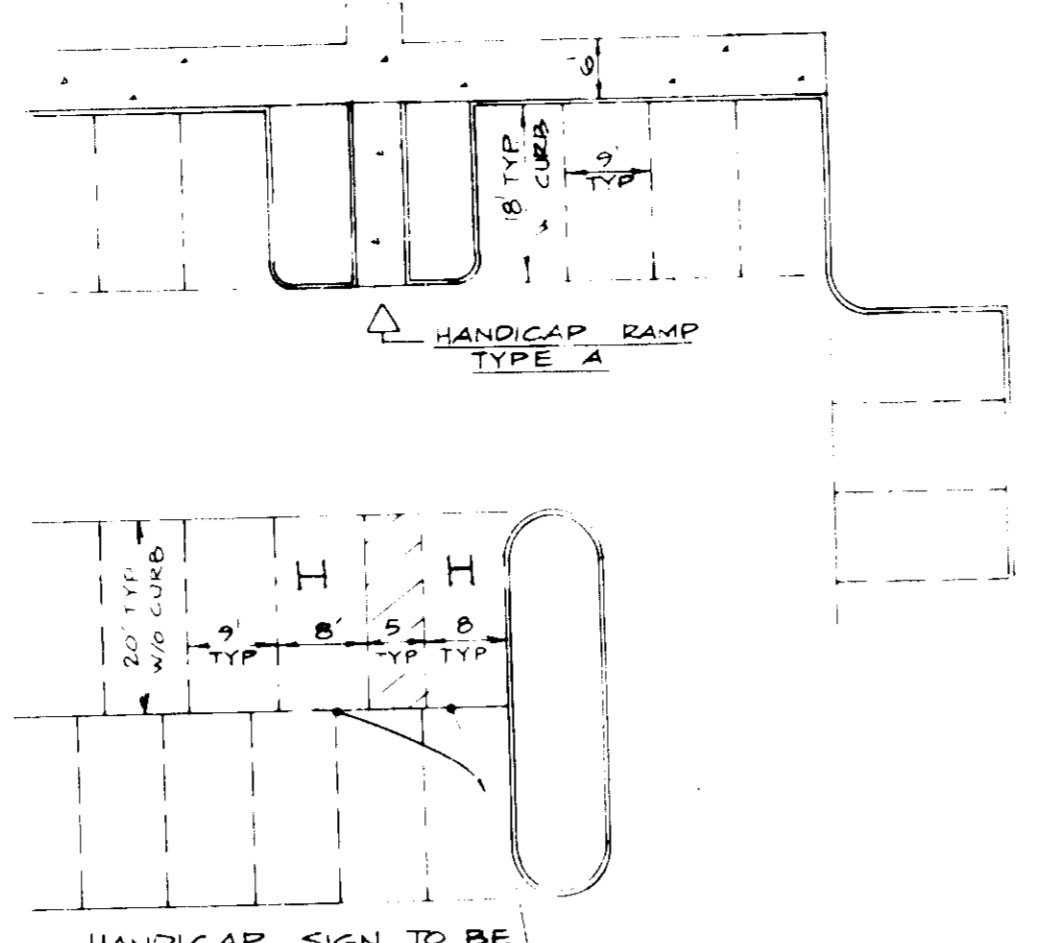


COLORS - LEGEND AND BORDER - GREEN  
WHITE SYMBOLS ON BLUE BACKGROUND BACKGROUND - WHITE



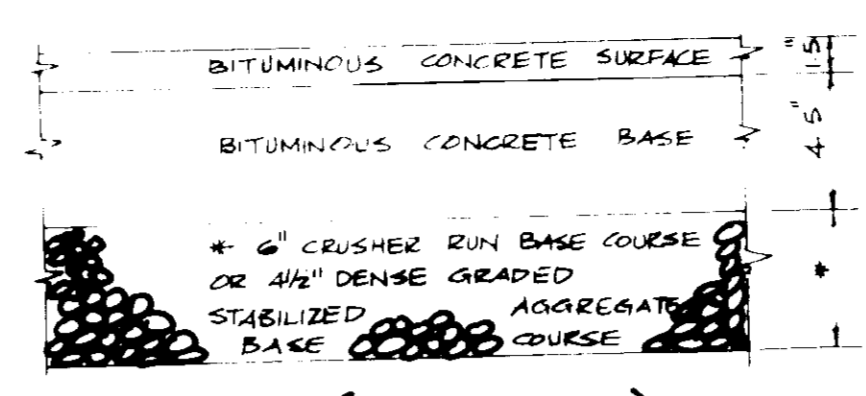
NOTE: DISTANCE FROM GROUND TO BOTTOM OF SIGN TO BE 7'

TO BE MOUNTED BELOW RESERVED PARKING SIGN ON THE STD STEEL U POST

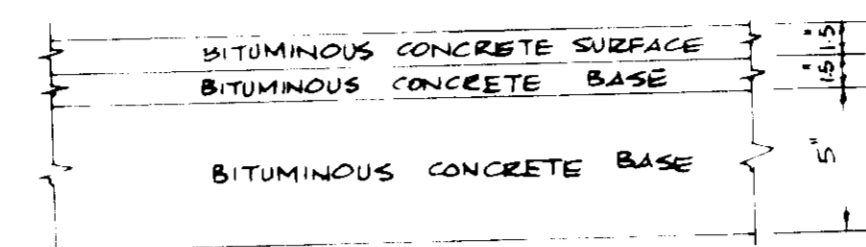


HANDICAP SIGN TO BE PLACED @ EACH SPACE PROVIDED

PARKING DETAIL NOT TO SCALE

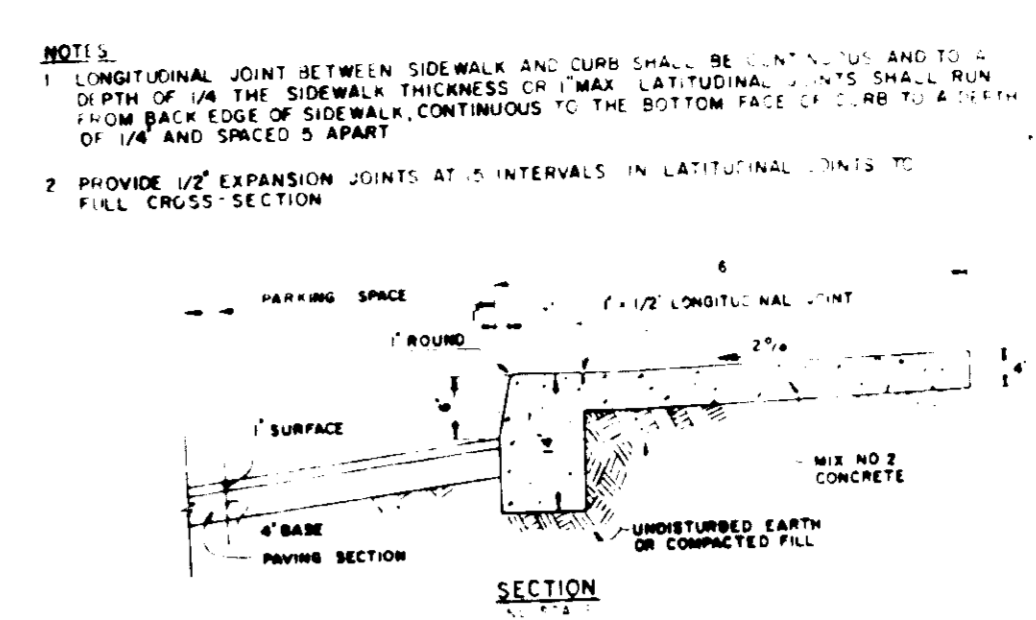


(ALTERNATE) NOT TO SCALE

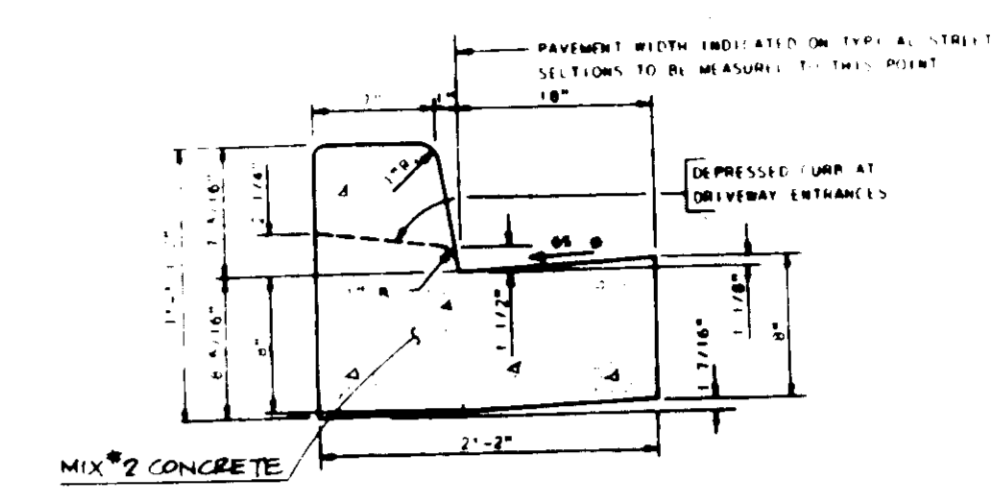


HOWARD COUNTY DESIGN MANUAL VOLUME IV  
STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-20)

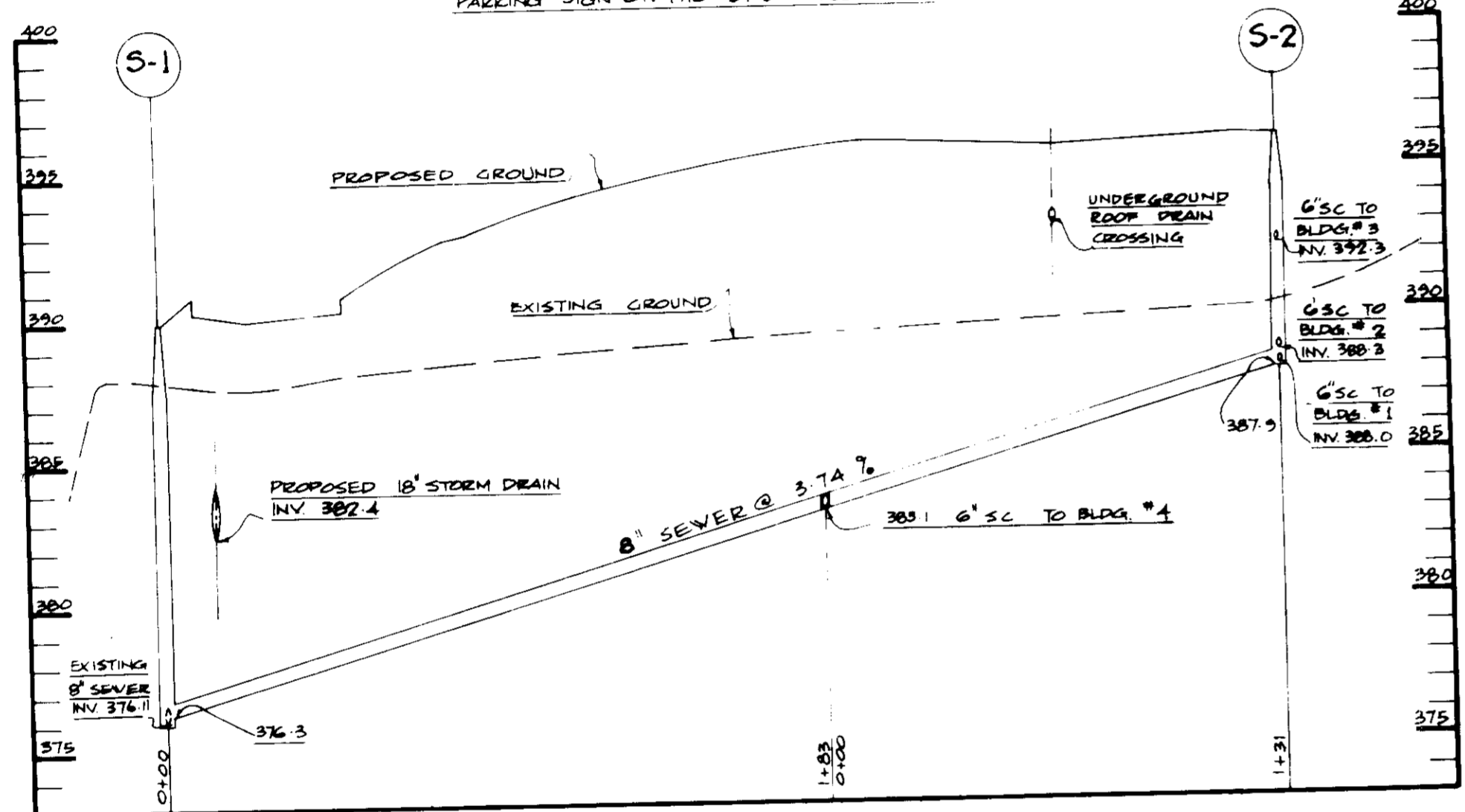
(8' PAVING, P-3) NOT TO SCALE



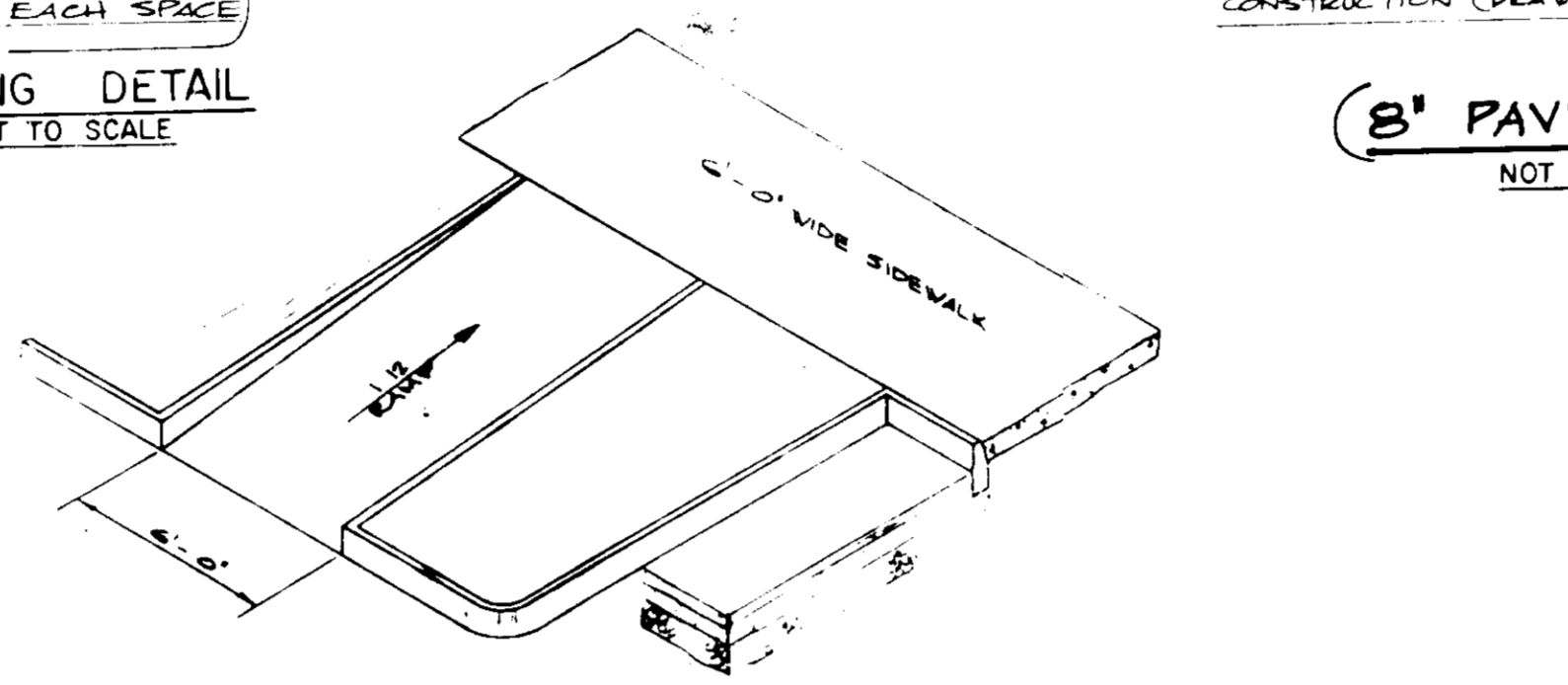
MONOLITHIC SIDEWALK AND CURB NOT TO SCALE



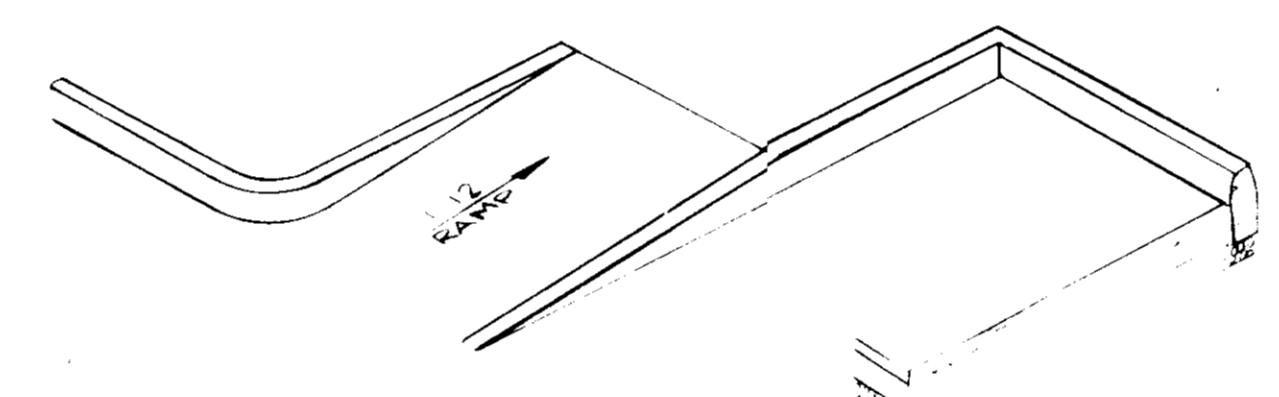
STANDARD 7\"/>



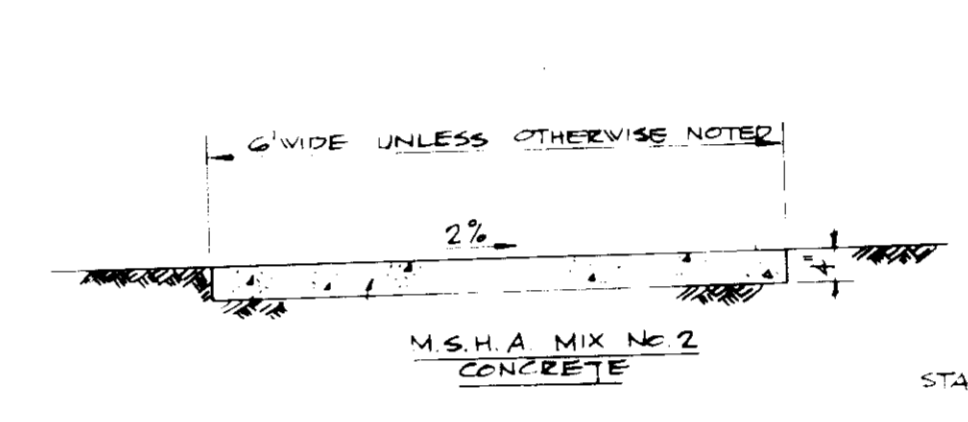
SEWER PROFILE  
HORIZ. 1" = 40'  
VERT. 1" = 5'



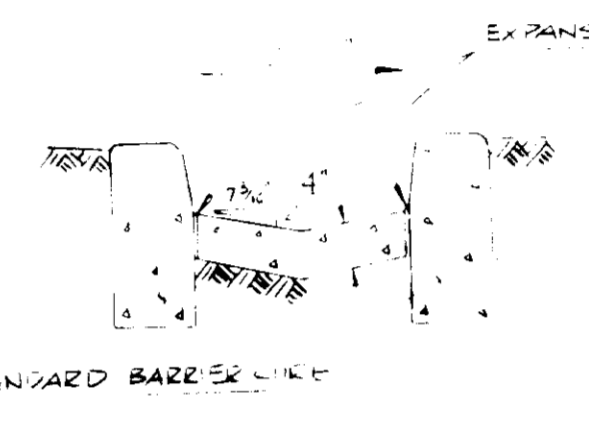
HANDICAP RAMP DETAIL (TYPE A) NOT TO SCALE



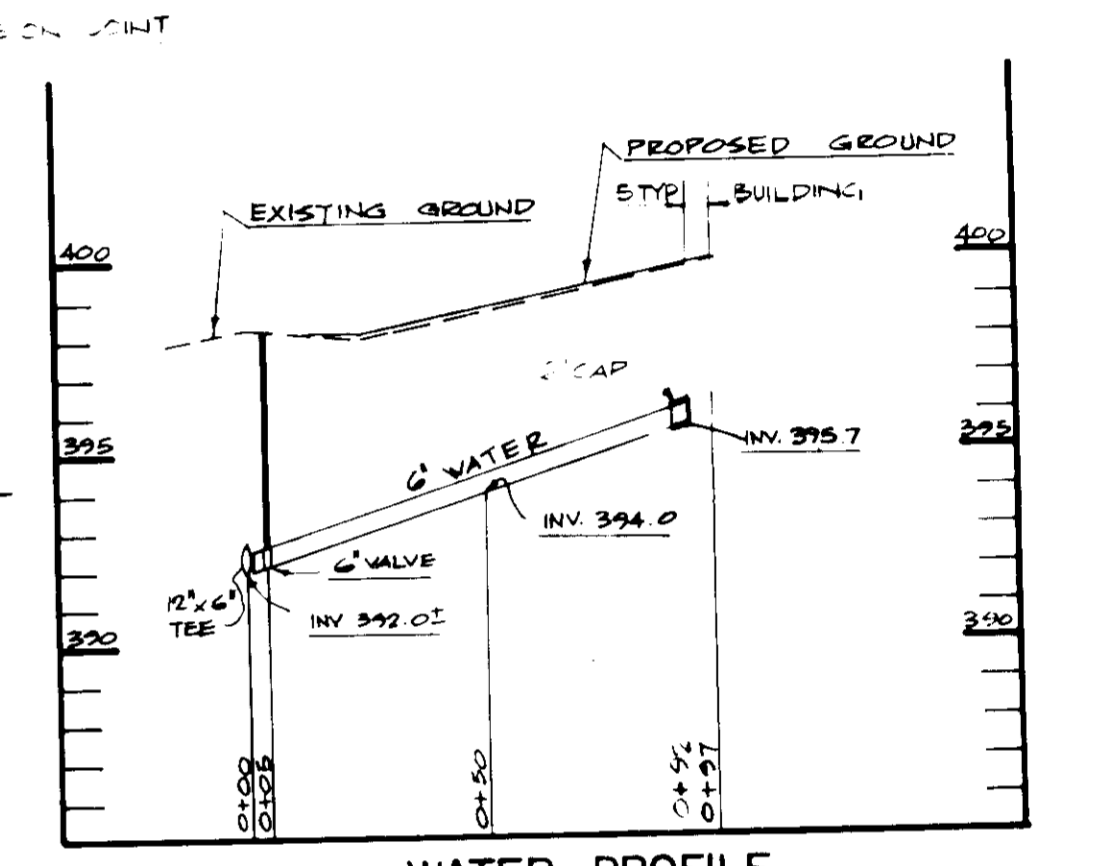
HANDICAP RAMP DETAIL (TYPE B) NOT TO SCALE



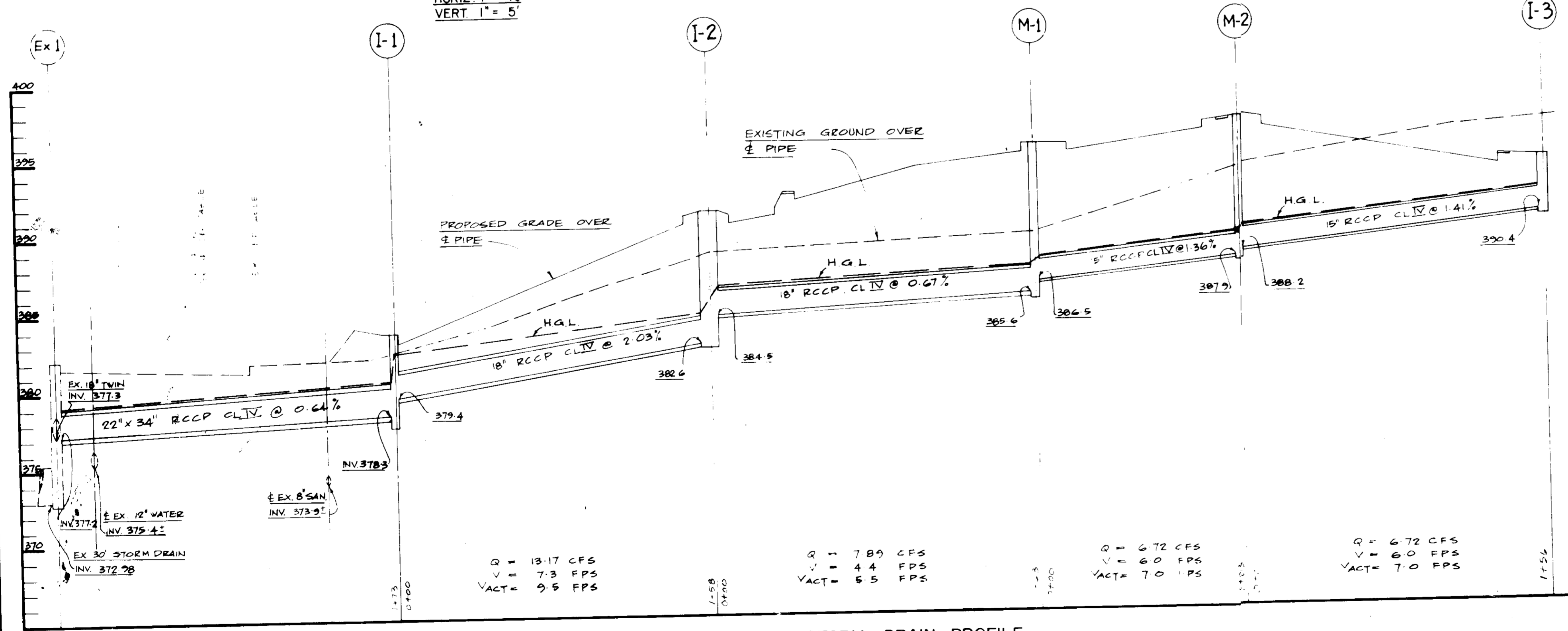
SIDEWALK DETAIL NOT TO SCALE



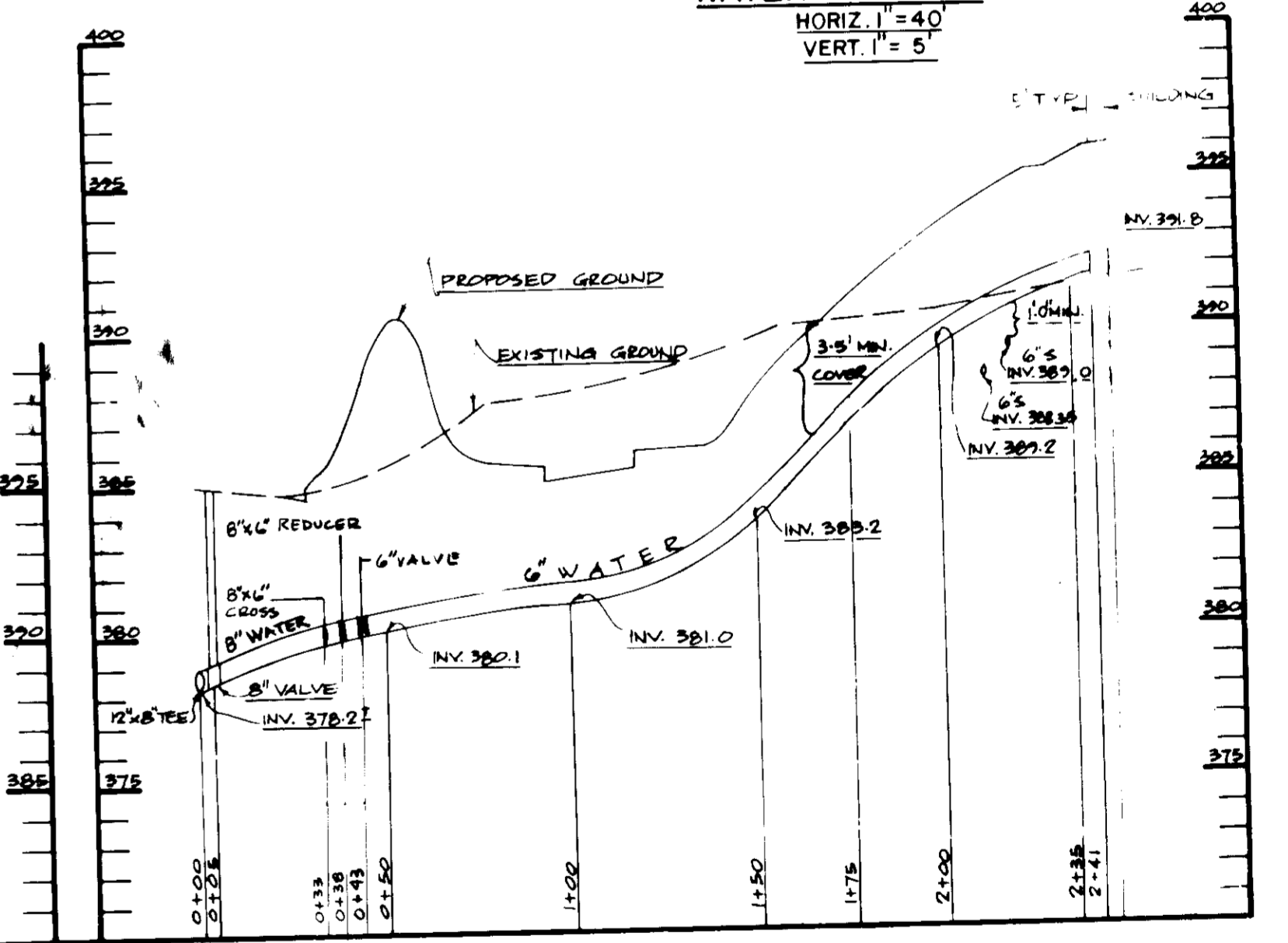
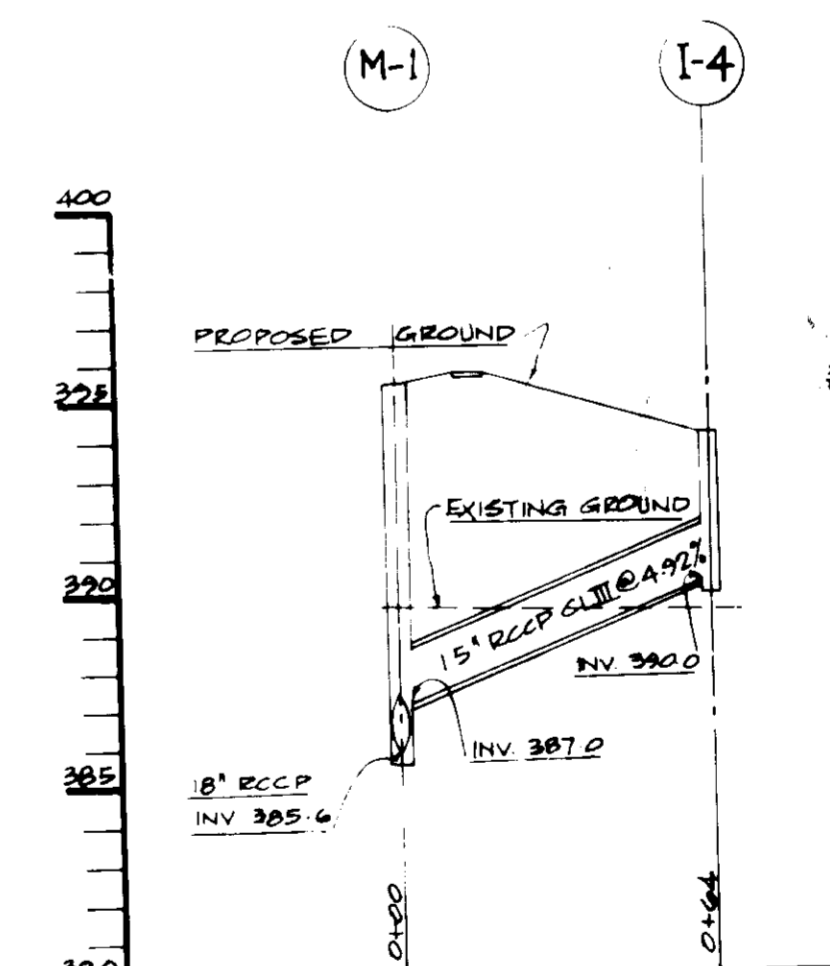
SCUPPER DETAIL NOT TO SCALE



WATER PROFILE  
HORIZ. 1" = 40'  
VERT. 1" = 5'



STORM DRAIN PROFILE  
HORIZ. 1" = 40'  
VERT. 1" = 5'



WATER PROFILE  
HORIZ. 1" = 40'  
VERT. 1" = 5'

APPROVED  
DIVISION OF ZONING  
HOWARD COUNTY  
DATE 1-28-86  
*M. Maschman*

no.	revisions description	date

prepared by  
**RBA** ENGINEERS-ARCHITECTS-PLANNERS  
5485 HARPER'S FARM ROAD, SUITE 200  
COLUMBIA, MARYLAND 21044  
301 / 730-7950 621-6050

PROFILE & DETAIL SHEET  
OAKWOOD BUSINESS CENTER  
TAX MAP 42, PARCEL 33  
6TH ELECTION DISTRICT HOWARD Co. Md.

SCALE AS SHOWN	
DRAWN	CHECKED
PROJ. NO.	DATE
4777	86
4	7
SHEET	OF



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

*James Byrne* 2-19-86  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

*James H. Harnish* 2-20-86  
PLANNING DIRECTOR DATE

*John W. Woodman* 2-20-86  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Wayne Neuman* 2-19-86  
DIRECTOR DATE

*James P. Ray* 2-11-86  
CHIEF, BUREAU OF ENGINEERING DATE

OWNER / DEVELOPER  
Estate of William P. Dorsey  
Silvia Hackett & 1st National Bank  
AEN: 101-621 DRG POB  
Baltimore, Maryland 21203

BY THE DEVELOPER:  
I 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 this project.  
*L. Callinger* 2-3-86  
Signature Date

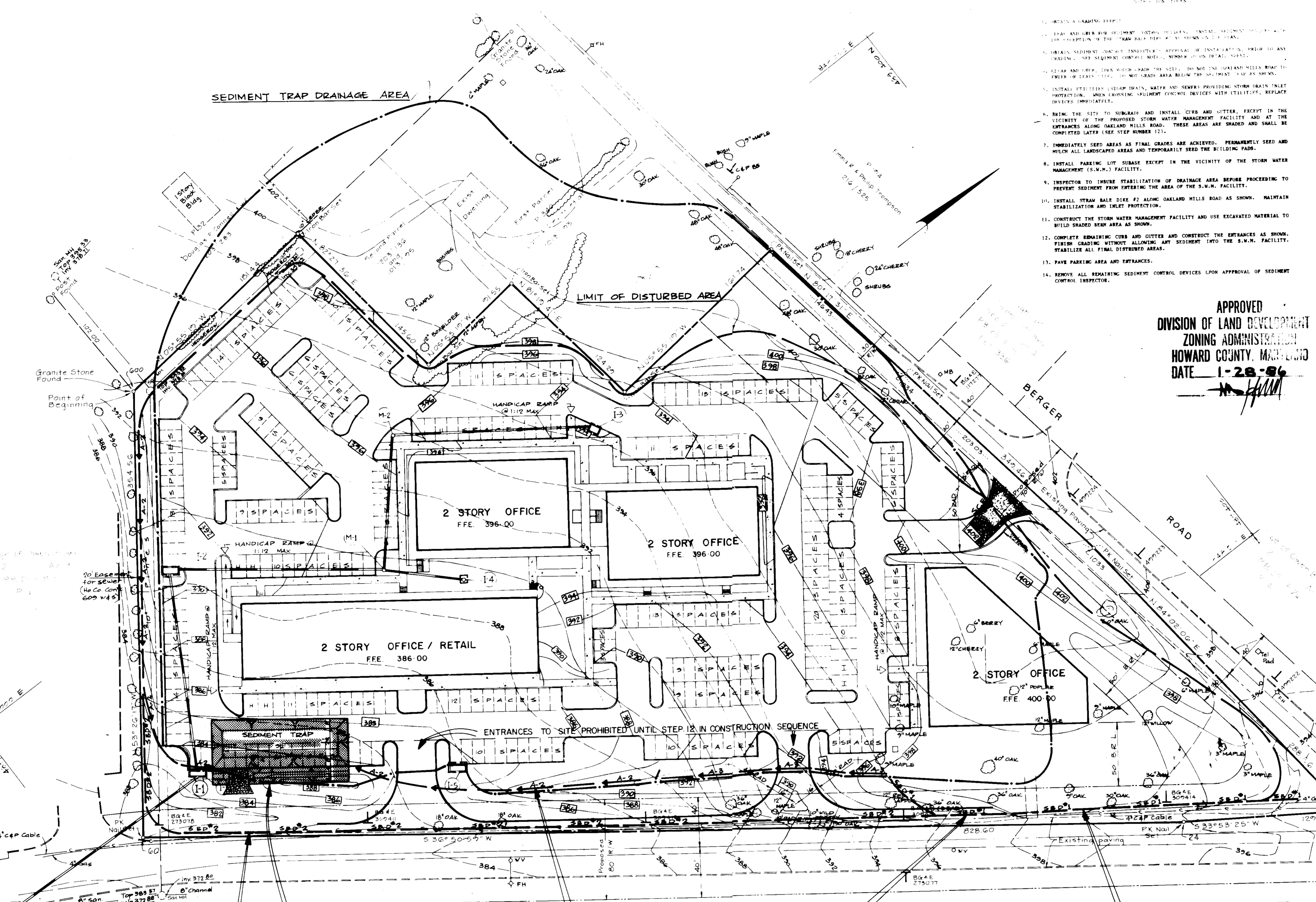
BY THE ENGINEER:  
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.  
*James M. Hahn*  
Signature Date

Reviewed for HOWARD S.C.D.  
and meets technical requirements.  
*James M. Hahn* 2/10/86  
U.S. Soil Conservation Service Date

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.  
*Stephen P. Rubin* 2/10/86  
Howard S.C.D. Date

1. OBTAIN A GRADING REPORT.
2. EXAM AND USE FOR SEDIMENT CONTROL. INSTALL SEDIMENT TRAP AND THE EXEMPTION OF THE TRAP SHALL BE PERMITTED AS SHOWN IN STEP 1.
3. OBTAIN SEDIMENT CONTROL INSPECTOR'S APPROVAL OF INSTALLATION, PRIOR TO ANY GRADING. OBTAIN SEDIMENT CONTROL INSPECTOR'S NUMBER FROM DISTRICT OFFICE.
4. EXAM AND USE FOR SEDIMENT CONTROL. THE SITE IS TO BE THE HARPERS ROAD TO THE CENTER OF STREET. THE TRAP SHALL BE INSTALLED BELOW THE SETTLEMENT AS SHOWN.
5. INSTALL UTILITIES (SEWER DRAIN, WATER AND SEWER) PROVIDING STORM DRAIN INLET PROTECTION. WHEN EXISTING SEDIMENT CONTROL DEVICES WITH UTILITIES, REPLACE DEVICES IMMEDIATELY.
6. BRING THE SITE TO SUBGRAIN AND INSTALL CURB AND GUTTER, EXCEPT IN THE VICINITY OF THE PROPOSED STORM WATER MANAGEMENT FACILITY AND AT THE ENTRANCES ALONG OAKLAND MILLS ROAD. THESE AREAS ARE SHADED AND SHALL BE COMPLETED LATER (SEE STEP NUMBER 12).
7. IMMEDIATELY SEED AREAS AS FINAL GRADES ARE ACHIEVED. PERMANENTLY SEED AND MULCH ALL LANDSCAPED AREAS AND TEMPORARILY SEED THE BUILDING PADS.
8. INSTALL PARKING LOT SUBBASE EXCEPT IN THE VICINITY OF THE STORM WATER MANAGEMENT (S.W.M.) FACILITY.
9. INSPECTOR TO INSURE STABILIZATION OF DRAINAGE AREA BEFORE PROCEEDING TO PREVENT SEDIMENT FROM ENTERING THE AREA OF THE S.W.M. FACILITY.
10. INSTALL STRAW BALE DIKE #3 ALONG OAKLAND MILLS ROAD AS SHOWN. MAINTAIN STABILIZATION AND INLET PROTECTION.
11. CONSTRUCT THE STORM WATER MANAGEMENT FACILITY AND USE EXCAVATED MATERIAL TO BUILD SHADED BERM AREA AS SHOWN.
12. COMPLETE REMAINING CURB AND GUTTER AND CONSTRUCT THE ENTRANCES AS SHOWN. FINISH GRADING WITHOUT ALLOWING ANY SEDIMENT INTO THE S.W.M. FACILITY. STABILIZE ALL FINAL DISTURBED AREAS.
13. PAVE PARKING AREA AND ENTRANCES.
14. REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES UPON APPROVAL OF SEDIMENT CONTROL INSPECTOR.

APPROVED  
DIVISION OF LAND DEVELOPMENT  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 1-28-86  
*James H. Harnish*



INSTALL SBD\*2 AS PART OF STEP 10 IN THE CONSTRUCTION SEQUENCE.

**RIP-RAP OUTLET SEDIMENT TRAP DATA DESIGN**  
DRAINAGE AREA - 6.60 Ac.  
STORAGE REQUIRED - 11,880 FT<sup>3</sup>  
STORAGE PROVIDED - 12,000 FT<sup>3</sup>  
BOTTOM ELEV. - 378.5 FT  
CLEANOUT ELEV. - 380.5 FT  
EMBANKMENT ELEV. - 384.0 FT  
OUTLET LENGTH/WIDTH - 20.0/16.0 FT  
SEE NOTE #4 OF SEDIMENT CONTROL NOTES SHEET #6

DURING WATERLINE CONSTRUCTION EARTH DIKE & SBD\*1 TO BE REPLACED & STABILIZED IMMEDIATELY AFTER CROSSING.

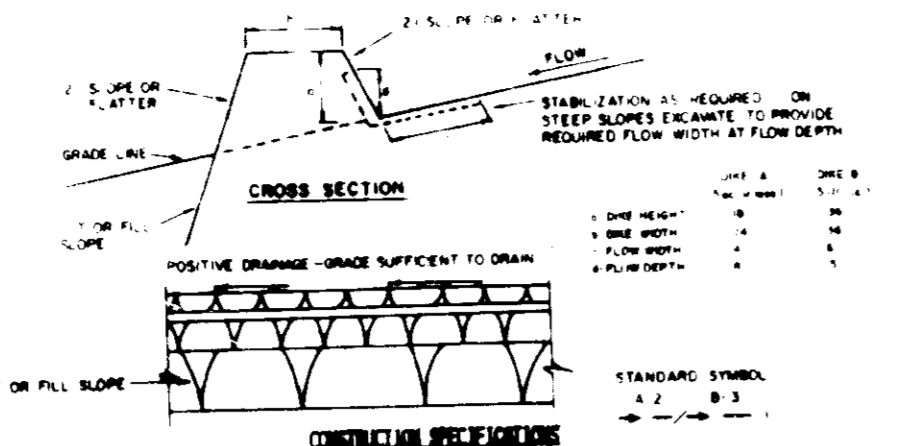
INSTALL SBD\*1 AS PART OF STEP 2 IN CONSTRUCTION SEQUENCE

revisions		prepared by	SCALE	
no	description		1" = 40'	
		<b>RBA</b> ENGINEERS • ARCHITECTS • PLANNERS 5465 HARPERS FARM RD JOSEPH SQUARE, SUITE 200 COLUMBIA, MARYLAND 21044 301 / 730-7950 621-6050	<b>SEDIMENT CONTROL PLAN</b> OAKWOOD BUSINESS CENTER TAX MAP 42, PARCEL 33 6TH ELECTION DISTRICT HOWARD Co. Md.	
			DRAWN MK/DS PROJ. NO. 4777 SHEET 5	CHECKED JL/JH DATE 10-25-85 7 OF

SDP-86-119

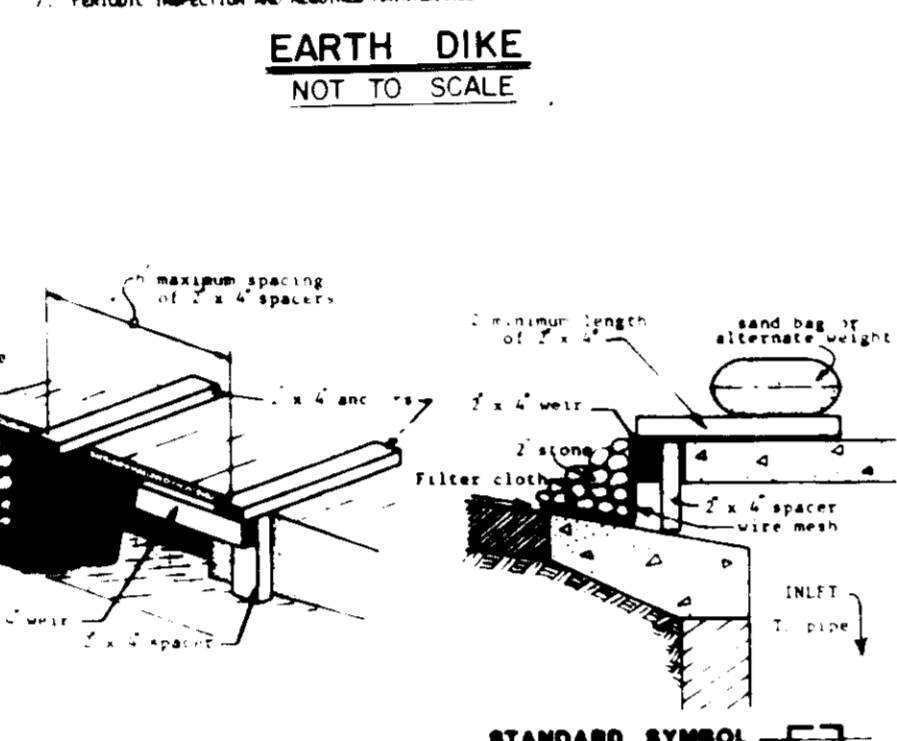


1. A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (1992-2437)
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, ditches, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
4. 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.
5. 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 seedings (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.
6. 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.
- 7) Site Analysis:
- |                                    |                                    |
|------------------------------------|------------------------------------|
| Total Area of Site                 | 7.253 Acres                        |
| Area Disturbed                     | 6.90 Acres                         |
| Area to be roofed or paved         | 4.02 Acres                         |
| Area to be vegetatively stabilized | 2.88 Acres                         |
| Total Cut                          | 13,623 Cu. yds                     |
| Total Fill                         | 9,255 Cu. yds                      |
| Offsite waste/area location        | TO BE DETERMINED BY THE CONTRACTOR |
- 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 9) Additional sediment controls must be provided, if deemed necessary by the Howard County DPM sediment control inspector.
- 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

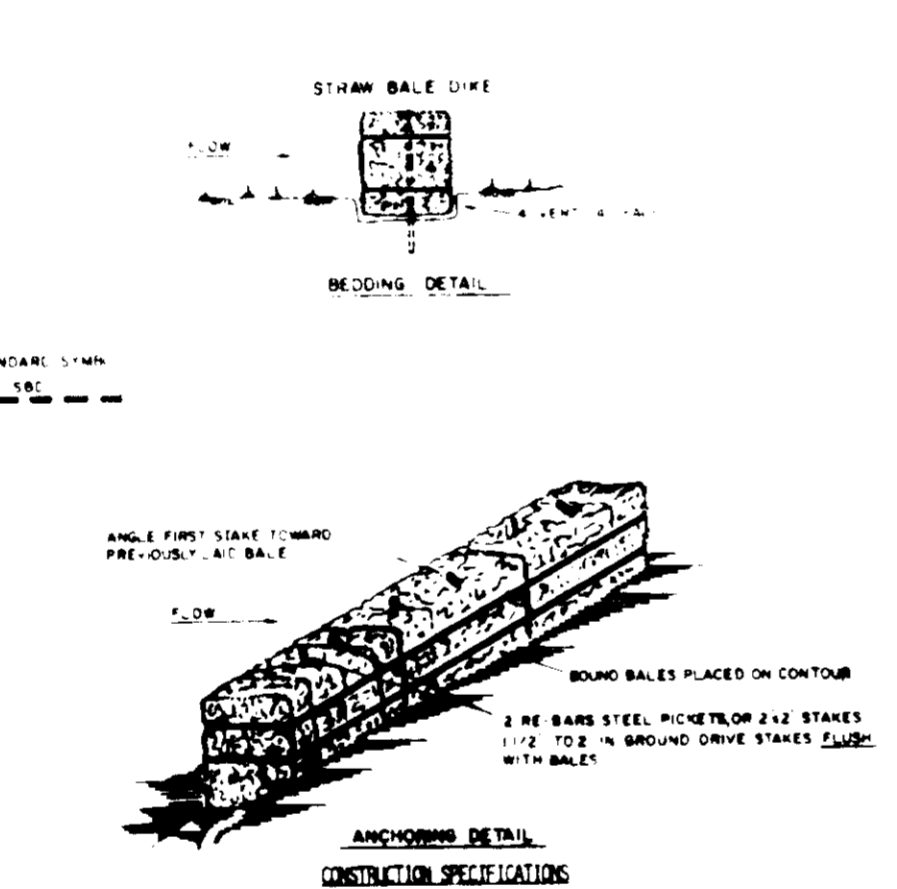


**CONSTRUCTION SPECIFICATIONS**

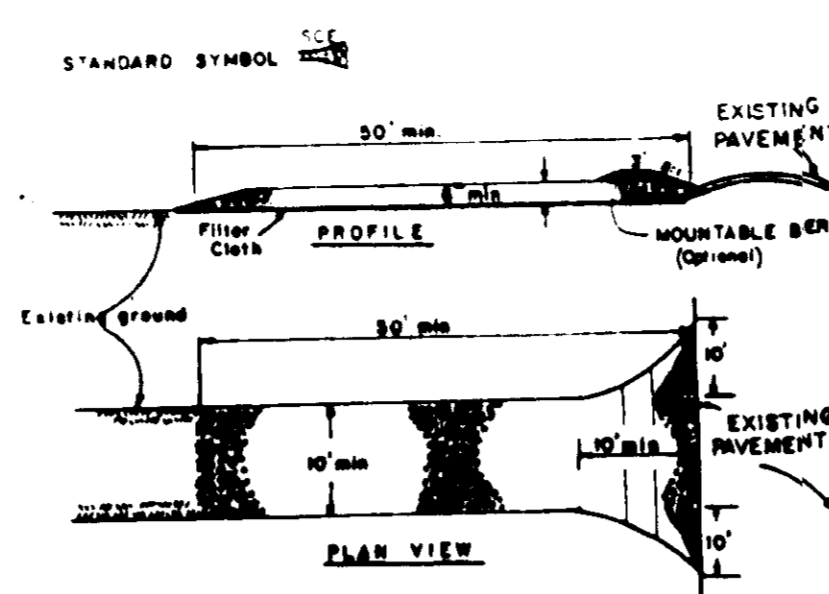
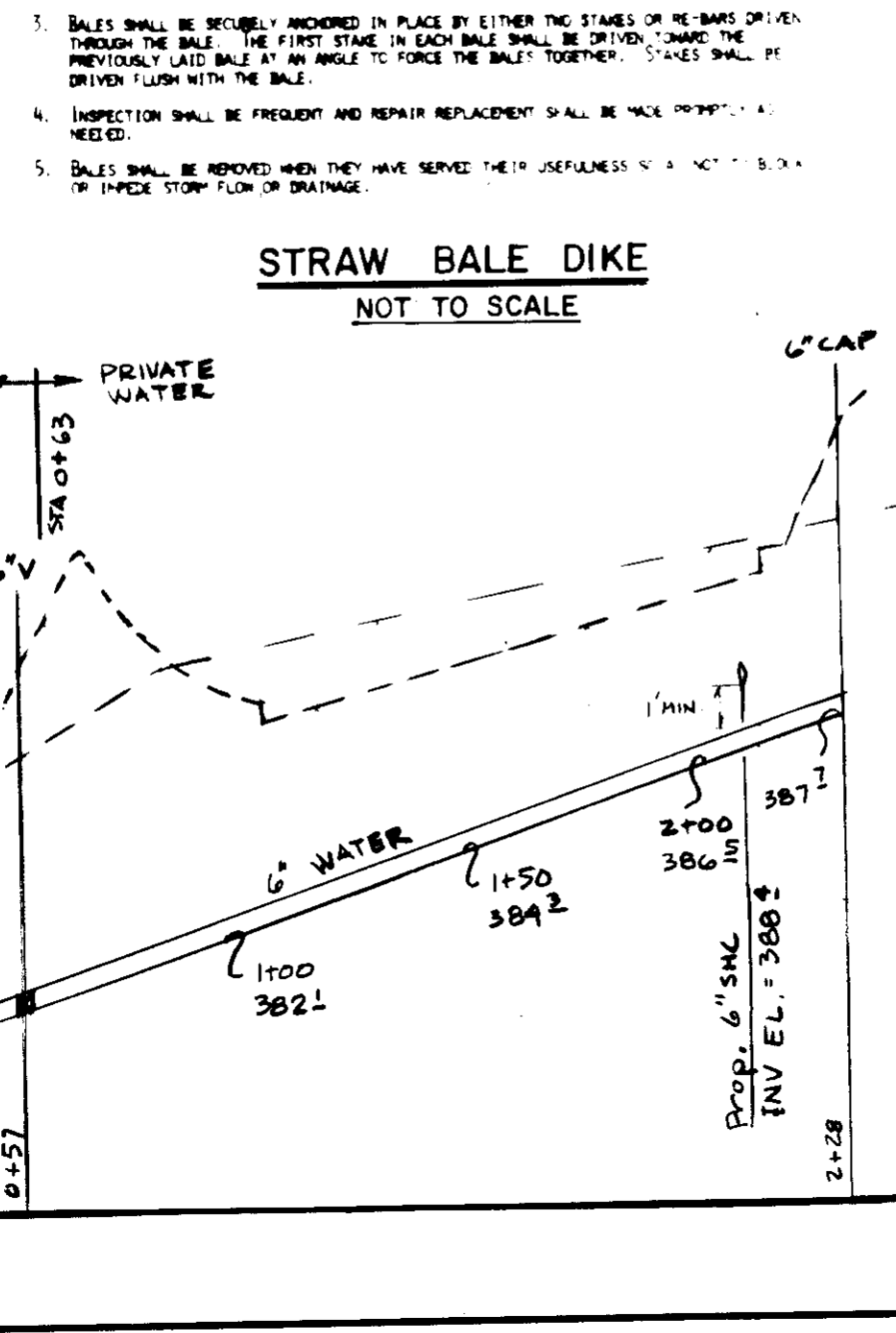
1. Ditches shall be completed by earth-moving equipment.
2. All ditches shall have positive drainage to an outlet.
3. Ditches shall be graded to provide a minimum of 1% slope.
4. Ditches shall be lined with concrete or approved equivalent.
5. Ditches shall be installed in a manner to utilize a stabilized slope.
6. Ditches shall be installed in a manner to provide a minimum of 1% slope.



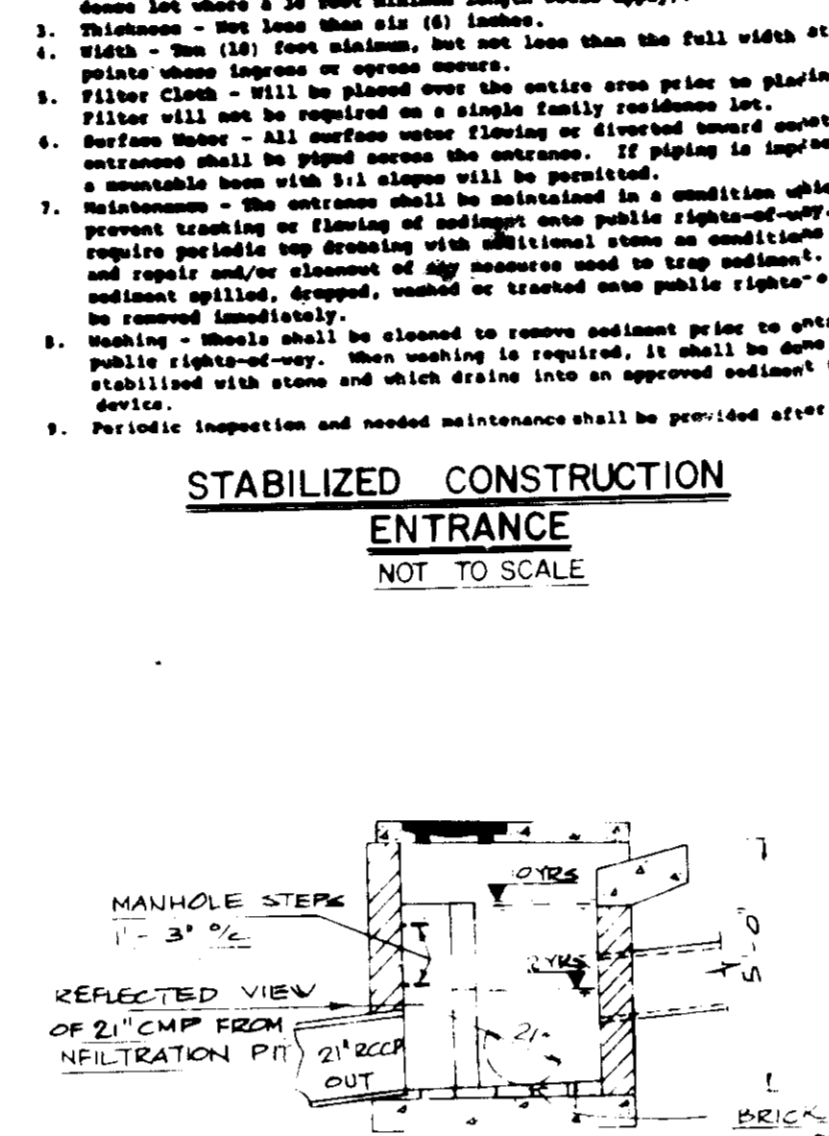
**STANDARD SYMBOL**  
**INLET PROTECTION DETAIL**  
NOT TO SCALE



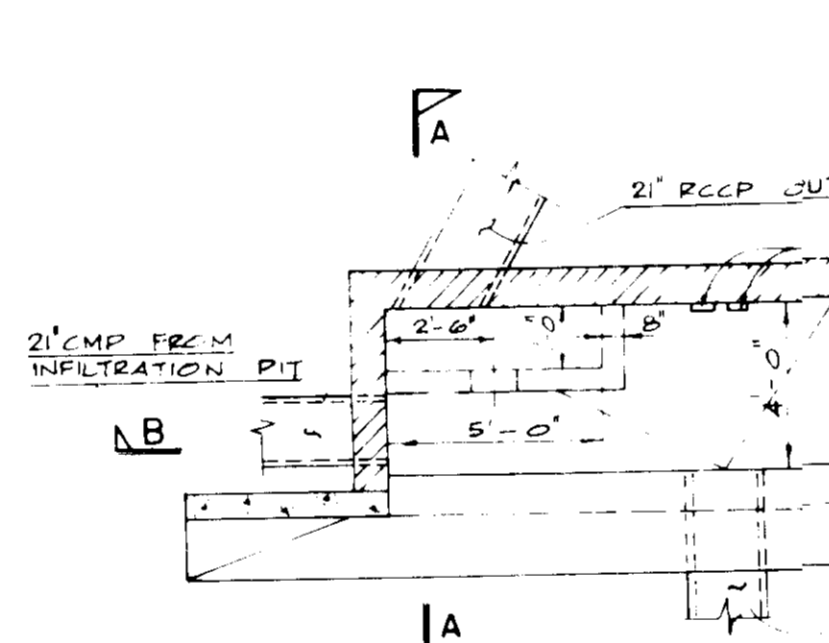
**CONSTRUCTION SPECIFICATIONS**  
**STRAW BALE DIKE**  
NOT TO SCALE



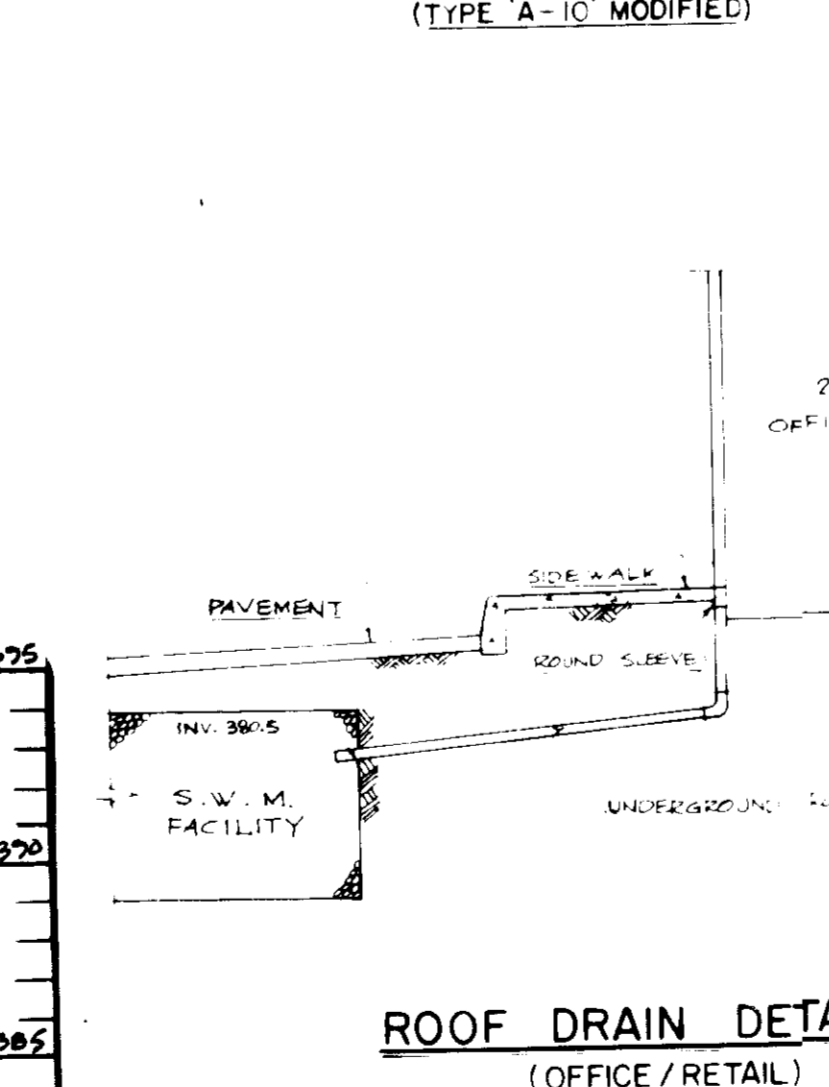
**STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE



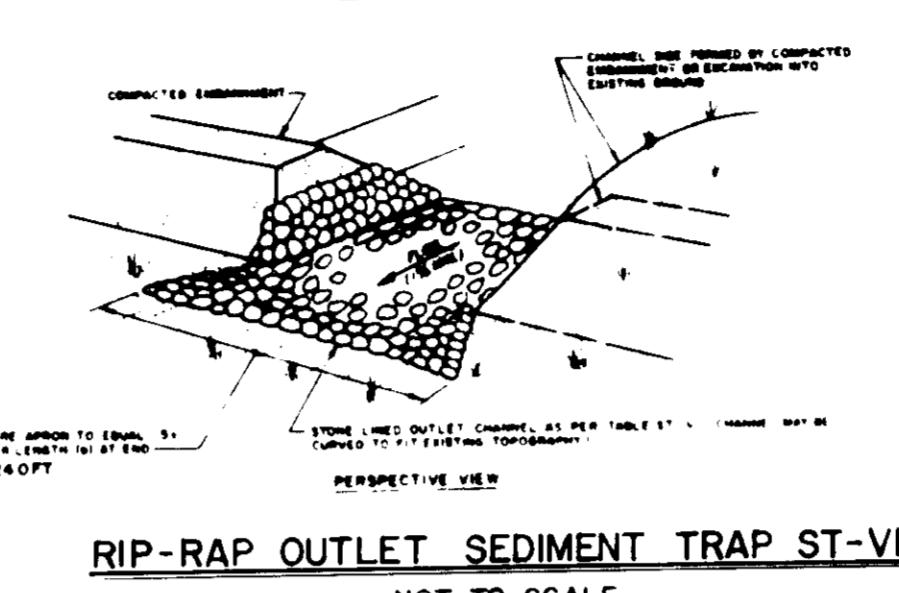
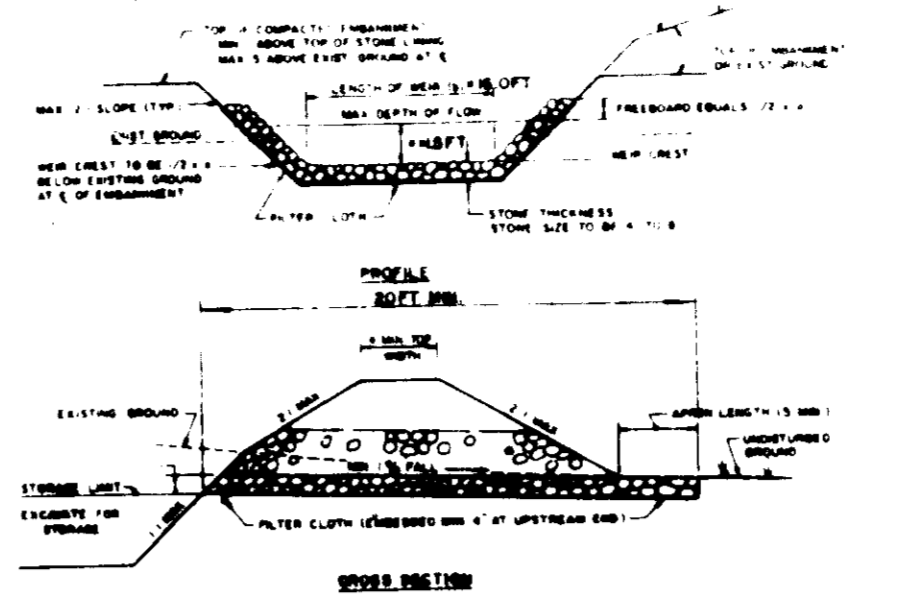
**RIP-RAP OUTLET SEDIMENT TRAP ST-VI**  
NOT TO SCALE



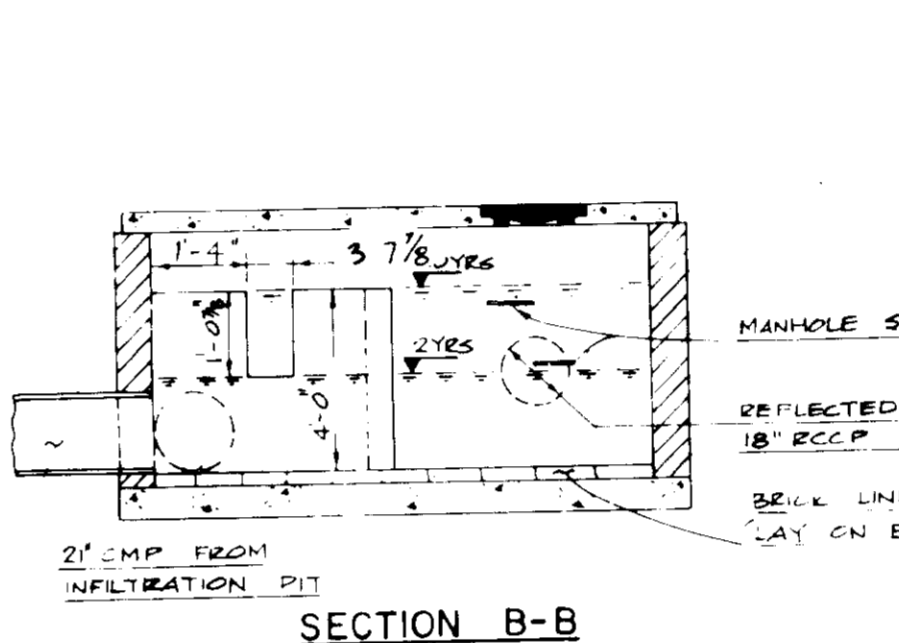
**PLAN BELOW SLAB**  
(TYPE 'A-10' MODIFIED)



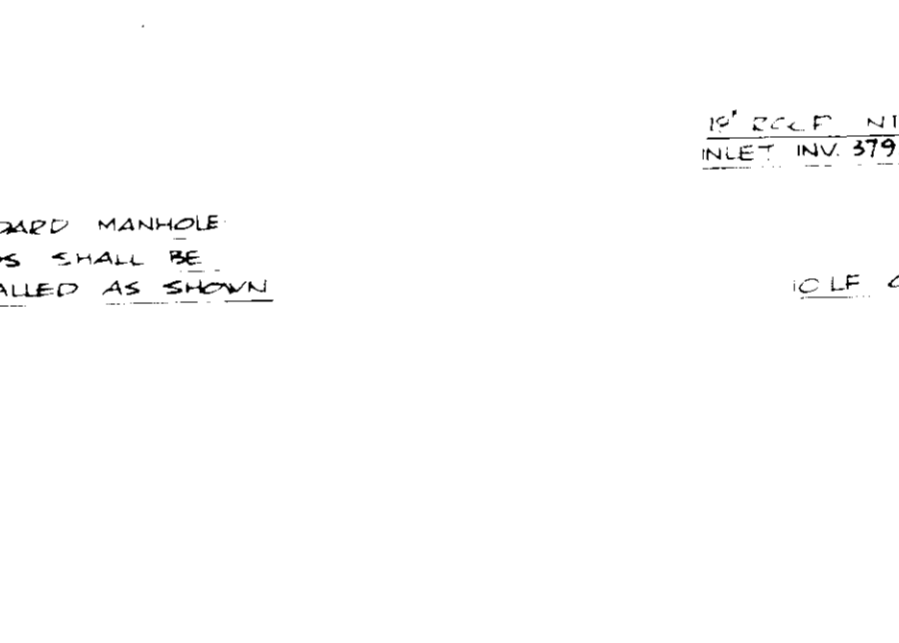
**ROOF DRAIN DETAIL**  
(OFFICE/RETAIL)



**RIP-RAP OUTLET SEDIMENT TRAP ST-VI**  
NOT TO SCALE



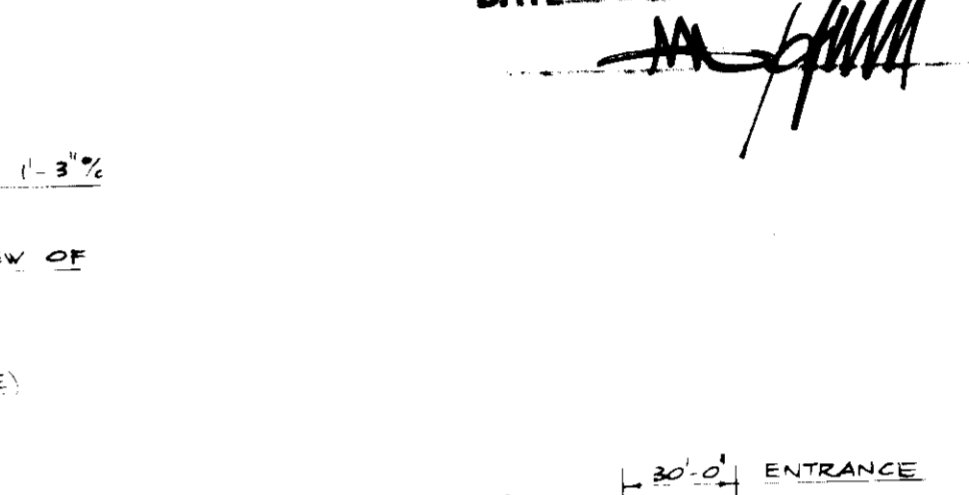
**SECTION A-A**



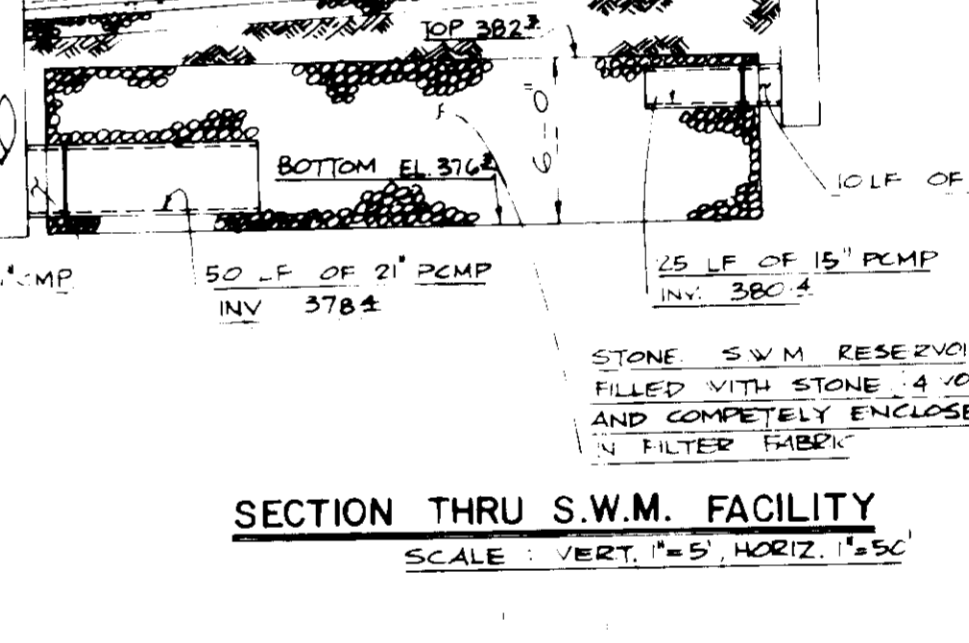
**SECTION B-B**

- CONSTRUCTION SPECIFICATIONS**
1. The area under embankment shall be cleared, graded, and stripped of any vegetation and top soil. The grade shall be as shown.
  2. The fill material for the embankment shall be free of rocks, other woody vegetation as well as any organic material or other objectionable materials. The embankment shall be compacted by traversing with equipment while it is being constructed. Maximum weight of embankment shall be five (5) feet, measured at centerline of embankment.
  3. All fill slopes shall be 2:1 or flatter or steeper as shown.
  4. Elevation of the top of any dike directing water into trap must equal or exceed the height of embankment.
  5. Storage area provided shall be figured by computing the volume available behind the outlet channel up to an elevation of one (1) foot below the level weir crest.
  6. Filter cloth shall be placed over the bottom and sides of the outlet channel prior to placement of stone. Sections of fabric must overlap at least one (1) foot with section nearest the entrance placed on top. Fabric shall be embedded at least six (6) inches into existing ground at entrance of outlet channel.
  7. Stone used in the outlet channel shall be four (4) to eight (8) inches (ripprap). To provide a filtering effect, a layer of filter cloth shall be embedded one (1) foot back into the upstream face of the outlet stone or a one (1) foot thick layer of two (2) inch or finer aggregate shall be placed on the upstream face of the outlet.
  8. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
  9. The structure shall be inspected after each rain and repaired as needed.
  10. Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
  11. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
  12. Drainage area for this practice is limited to 15 acres or less.

APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 1-28-86



**SECTION THRU S.W.M. RESERVOIR**  
SCALE: VERT. 1" = 5' HORIZ. 1" = 5'



**WATER PROFILE**  
HORIZ 1" = 40' VERT 1" = 5'

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

*Joseph Polun* 2-19-86  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

*Thomas M. Harris* 2-20-86  
PLANNING DIRECTOR DATE

*John W. Washburn* 2-20-86  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

*James E. Nimmer* 2-14-86  
DIRECTOR DATE

*William E. Ryan* 2-11-86  
CHIEF, BUREAU OF ENGINEERING DATE

BY THE DEVELOPER:

I 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 this project.

*Stephen L. Fisher* 2-3-86  
Signature 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.

*Stephen L. Fisher* 2/10/86  
Signature Date

Reviewed for HOWARD S.C.D. and meets Technical Requirements.

*Thomas M. Harris* 2/10/86  
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. Fisher* 2/10/86  
Howard S.C.D. Date

OWNER/ DEVELOPER  
Estate of William P. Dorsey  
Silvia Hackett & 1st National Bank  
ATTN: 101-621 DRG POB  
Baltimore, Maryland 21203

no.	revisions	description	date

prepared by  
**RBA** ENGINEERS - ARCHITECTS - PLANNERS  
5485 HARPER'S FARM ROAD, SUITE 200  
COLUMBIA, MARYLAND 21044  
301/730-7950 621-6050

SCALE AS SHOWN	
DRAWN	CHECKED
4777	
PROJ. NO.	DATE
6	2-86
SHEET	OF
6	7

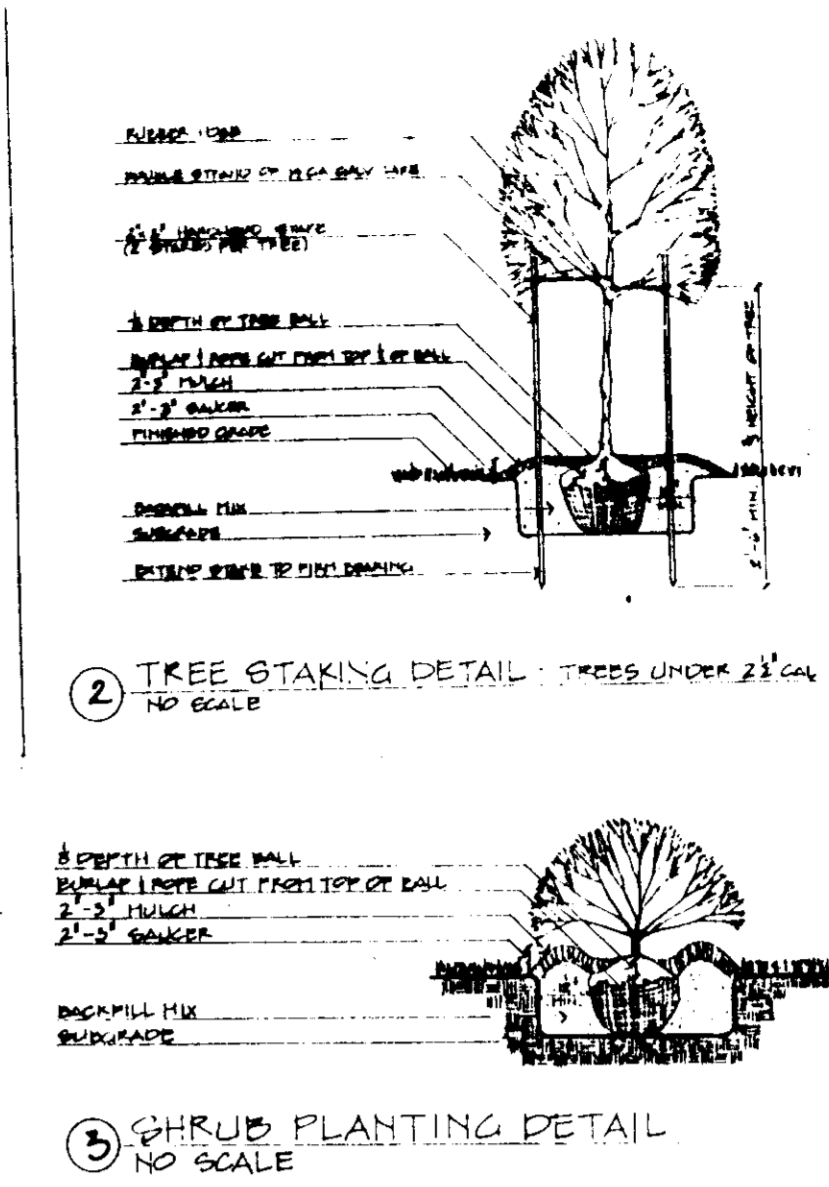
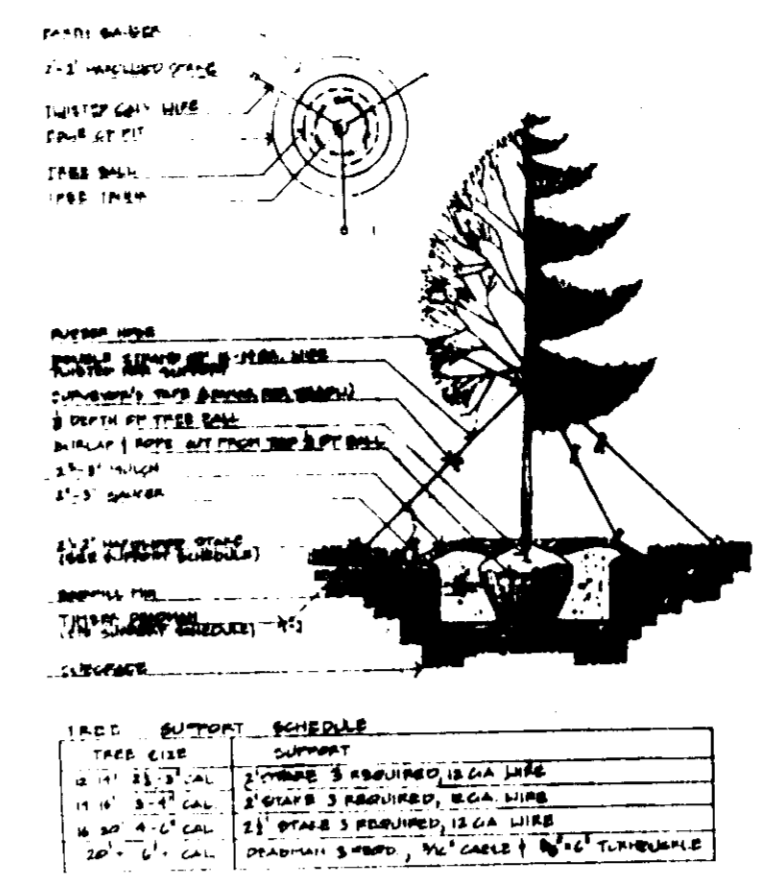


APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.  
*Jean Pope* 2-19-86  
COUNTY HEALTH OFFICER DATE

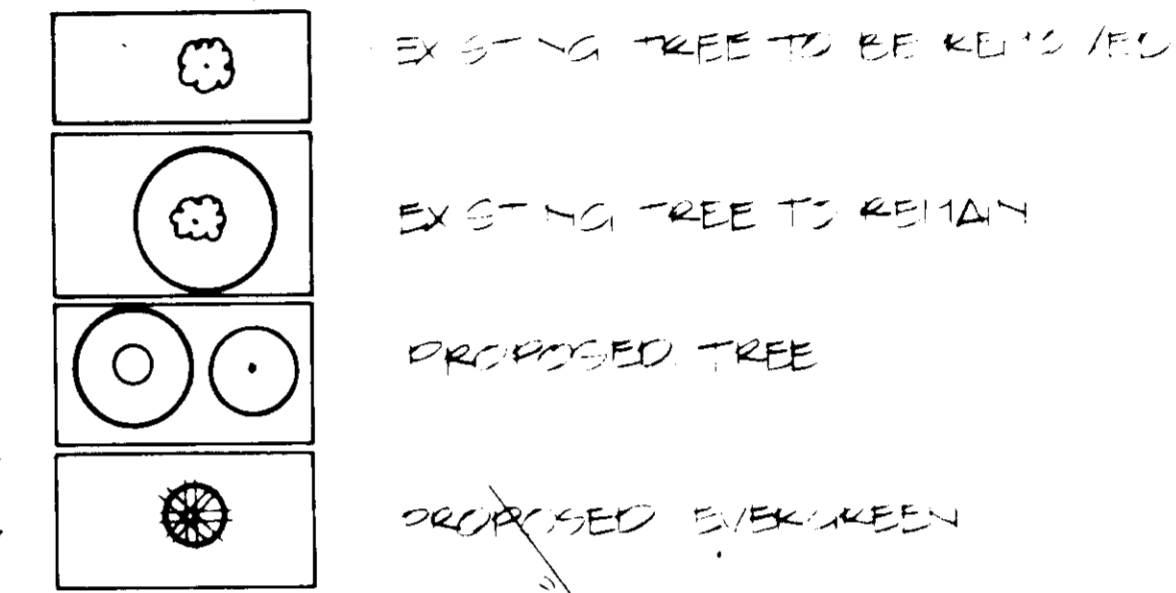
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*Thomas Harris* 2-20-86  
PLANNING DIRECTOR DATE  
*William Marchant* 2-27-86  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*George Nemmer* 2-14-86  
DIRECTOR DATE  
*William P. Dorsey* 2-11-86  
CHIEF, BUREAU OF ENGINEERING DATE

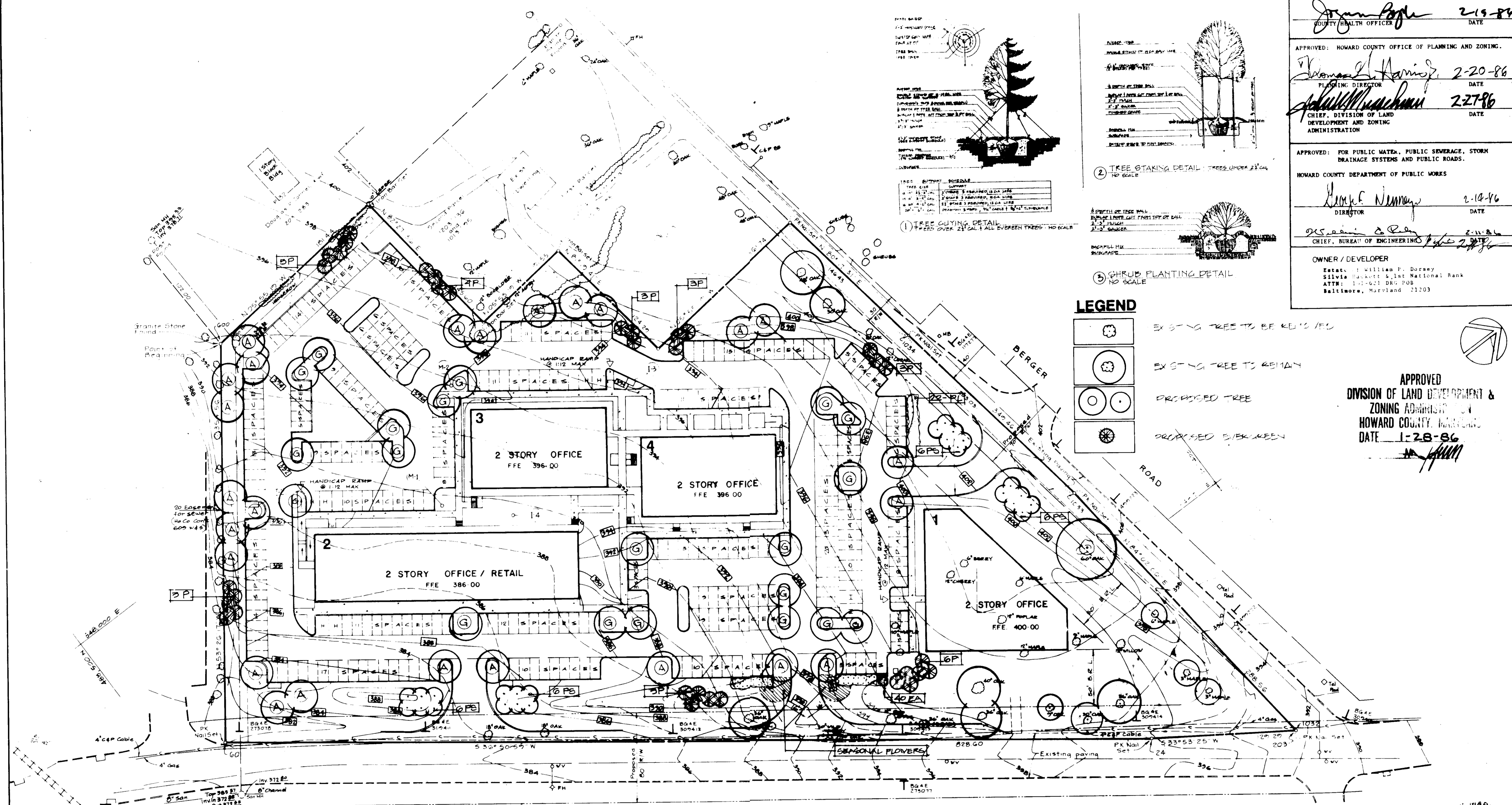
OWNER / DEVELOPER  
Essex: William P. Dorsey  
Silvia Harriott & 1st National Bank  
ATTN: 1-2-621 DRG. POB  
Baltimore, Maryland 21203



**LEGEND**



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 1-28-86  
*[Signature]*



**HOWARD COUNTY PLANTING REQUIREMENTS**

Required: Minimum of 5% of total area of parking to be landscaped.  
88,500 SF parking  
5% = 4,428 SF

Provided: 27 trees in islands (area of islands in excess of 12,000 SF)

Required: Minimum of 1 tree/30 LF of property line abutting public street right-of-way.  
1,597 LF = 53 trees

Provided: 53 trees (including existing trees to remain)

Required: Minimum of 1 tree/30 LF of property line abutting a residential use.  
705 LF = 24 trees

Provided: 24 trees

KEY	QUANTITY	BOTANICAL NAME/COMMON NAME	SIZE	ROOT
<b>TREES</b>				
A	25	Acer rubrum 'October Glory' / October Glory Red Maple	2 1/2" - 3"	B & B
G	20	Gleditsia Tri. In. 'Shademaster' Shademaster Honeylocust	2 1/2" - 3"	B & B
P	34	Pinus strobus/White Pine	7' - 8'	B & B
PS	24	Prunus sargentii/Sargent Cherry	2" - 2 1/2"	B & B
<b>SHRUBS</b>				
EA	40	Euonymus alatus 'Compacta' Dwarf Winged Euonymus	2' - 2 1/2'	BB/CC
PL	22	Prunus laurceranus 'Otto Luyken' Otto Luyken Cherry Laurel	18" - 24"	BB/CC

- NOTES:**
- All plants to be nursery grown and furnished in accordance with AAS "American Standards for Nursery Stock" ANSI Z96.1-1973.
  - All trees to branch symmetrically around central leader. No forked leader stock will be accepted.
  - Plant material types and sizes may vary due to market availability at time of construction. Any substitutions are to be of equivalent type and size, and must be approved in writing by the landscape architect. Containerized shrub stock may be substituted for B & B shrubs if approved in writing by the landscape architect.
  - All areas disturbed during construction shall be seeded unless noted otherwise.
  - The contractor shall notify all utility companies five (5) days prior to beginning work.
  - Any damage to the existing utilities, buildings, paving, curb, walls, and vegetation (not to be removed or replaced) shall be repaired to previous condition or replaced by the contractor at his expense.

**PLANTING PLAN**

**CDC THE COLUMBIA DESIGN COLLECTIVE, INC. ARCHITECTS - PLANNERS - LANDSCAPE ARCHITECTS**

prepared by **MRBA ENGINEERS - ARCHITECTS - PLANNERS**

5485 HARPERS FARM RD.  
JOPPEM SQUARE, SUITE 800  
COLUMBIA, MARYLAND 21044  
301 / 730 - 7000 681 - 6050

**OAKWOOD BUSINESS CENTER**  
TAX MAP 42, PARCEL 33  
6TH ELECTION DISTRICT HOWARD Co. Md.

SCALE 1" = 40'

DRAWN MK/Ds	CHECKED JL/JH
PROJ. NO. 4721	DATE 10-25-85
7	7