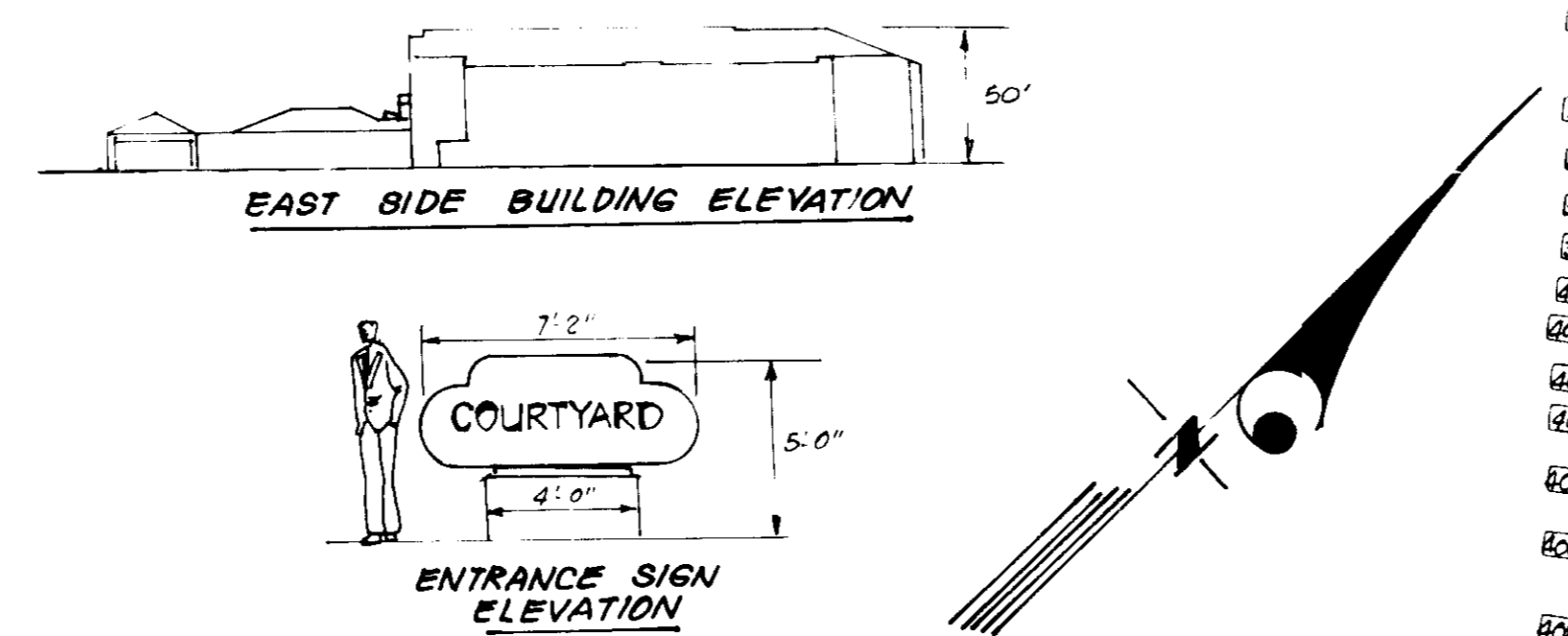


LEGEND:

Contour Interval	2 FT.
Existing Contour	(---)
Proposed Contour	(- - -)
Spot Elevation	+10'
Direction of Drainage	(--->)
Prop Storm Drain	(---)
Prop Sewer Line	(---)



GENERAL NOTES

- All driveways are privately owned and maintained.
- Any damage to county owned rights of way to be corrected at the developer's expense.
- Installation of traffic control devices shall be in accordance with the latest edition of the "Manual of Uniform Traffic Control".
- Topography was compiled from actual field survey.
- The area shown is located on Tax Map #36.
- Trench bedding for storm drainage shall be in accordance with Howard County Std. S.D. 6.2.1. See det. sht. 3.
- Information concerning underground utilities was obtained from available records, but the contractor must determine the exact location by digging test pits, by hand, at all crossings well in advance of construction.
- The contractor or developer shall contact the Construction Inspection Survey Division 24 hrs. in advance of work at 992-2417 or 992-7272.
- The developer agrees to work with the Dept. of Licenses and Inspection to resolve any problem with roof water discharge.
- Handicap parking details shall be in accordance with the "Maryland Building Code for the Handicapped," Sect. 5.01-7.05 and det. on sht. 2.
- Notify all utility companies 24 hrs. in advance of construction.
- All construction methods and materials for the on-site private water & sewer system shall follow the current edition of the H.C. Plumbing Code, supplemented by the Howard County Std. Details and Specs. Where necessary.
- See O.P.Z. Files: SDP-87-193, F. 88-109, F. 90-26.
- All construction to be done in accordance with H.C. Stds. & Specs. Design Volume IX, 1989 Amendments.
- Stormwater Management provided in Central Facility shown on SDP-87-193.

SITE ANALYSIS

- Zoning: New Town - Employment Center Industrial (FDPI7-A)
- Type of Unit Proposed: Hotel
- Area of Parcel: 214,445.8 sq ft or 4.923 Acres
- Hotel Data:
 - a) Number of Guest Rooms: 152
 - b) Restaurant/Lounge: 2100 GSF w/ 89 Seats
 - c) Meeting Rooms: 1525 GSF w/ 86 Seats
 - d) Employees: 20 Per Shift
- Parking Spaces Required: 165
- Parking Spaces Provided: 165
- Handicap Parking Spaces Provided: 8 (4.8%)
- Area of Drives and Parking: 74,700 sq ft or 1.7 Ac
- Building Coverage Permitted: 50%
- Building Coverage Proposed: 31,464 sq ft or 0.72 Ac or 14.6%
- Green Area to Remain: 108,972 sq ft or 2.50 Ac or 51%

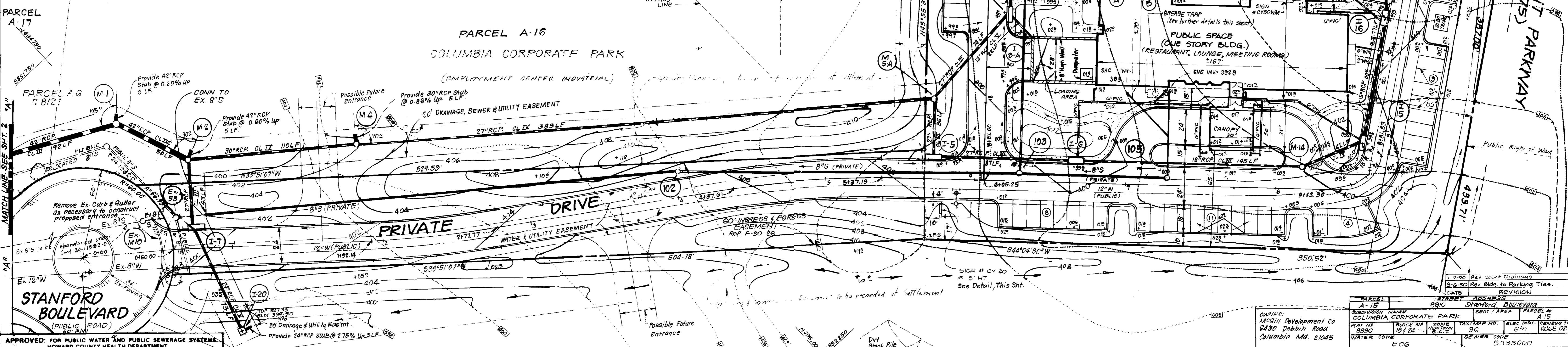
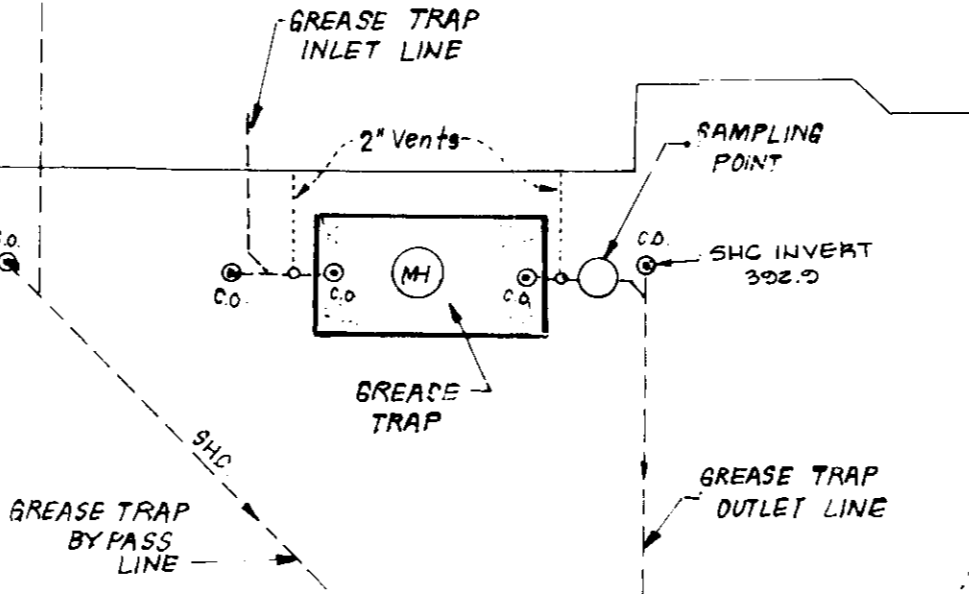
GREASE INTERCEPTOR TRAP DESIGN CRITERIA

- The grease interceptor shall be designed and sized for the efficient removal of grease at the maximum anticipated flow. The minimum grease interceptor size shall be 750 gallons.
- Grease interceptor location shall be outside the building and accessible for cleaning and grease removal by waste hauler.
- Venting shall be required to conform with the Howard County Plumbing Code.
- Clean outs shall be provided on the inlet and outlet for unblocking sewer lines and "pig pipes" of the interceptor.
- The inlet pipe shall be approximately 2" to 6" above the outlet port.
- The inlet pipe shall extend 6" below the liquid level.
- The outlet pipe shall extend 18" below the liquid level or 12" from the interceptor floor.
- Access covers shall be provided for cleaning and inspection.
- All drains containing concentrations of fats, oils and greases shall discharge to the grease interceptor prior to entering the sanitary sewer system.
- Waste from garbage grinders and restraints shall bypass the grease interceptor.

ENVIRONMENTAL INFORMATION

- Existing steep slopes at north end of site have been indicated.
- No non-tidal wetlands nor 100 Yr. Flood Plain exist on this site.
- Original soils have been severely altered by previous mass grading of this site per SDP-87-193. See SDP-87-193 for original soils map.
- Existing vegetation is secondary growth with no significant trees.

FOR FURTHER DETAILS OF GREASE TRAP SEE ARCHITECTURAL PLUMBING PLANS



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 12-16-89

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 DIRECTOR: [Signature] DATE: 12/29/89

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 12/16/89

CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 89

9-27-89

Reviewed for [Signature] Name: [Name]
 and meets all regulatory requirements
 Signature: [Signature] Date: 11-9-89
 U.S. Soil Conservation Service

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

[Signature] Approved 1/9/89

DEVELOPER'S/SUBMITTER'S CERTIFICATE

I hereby certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

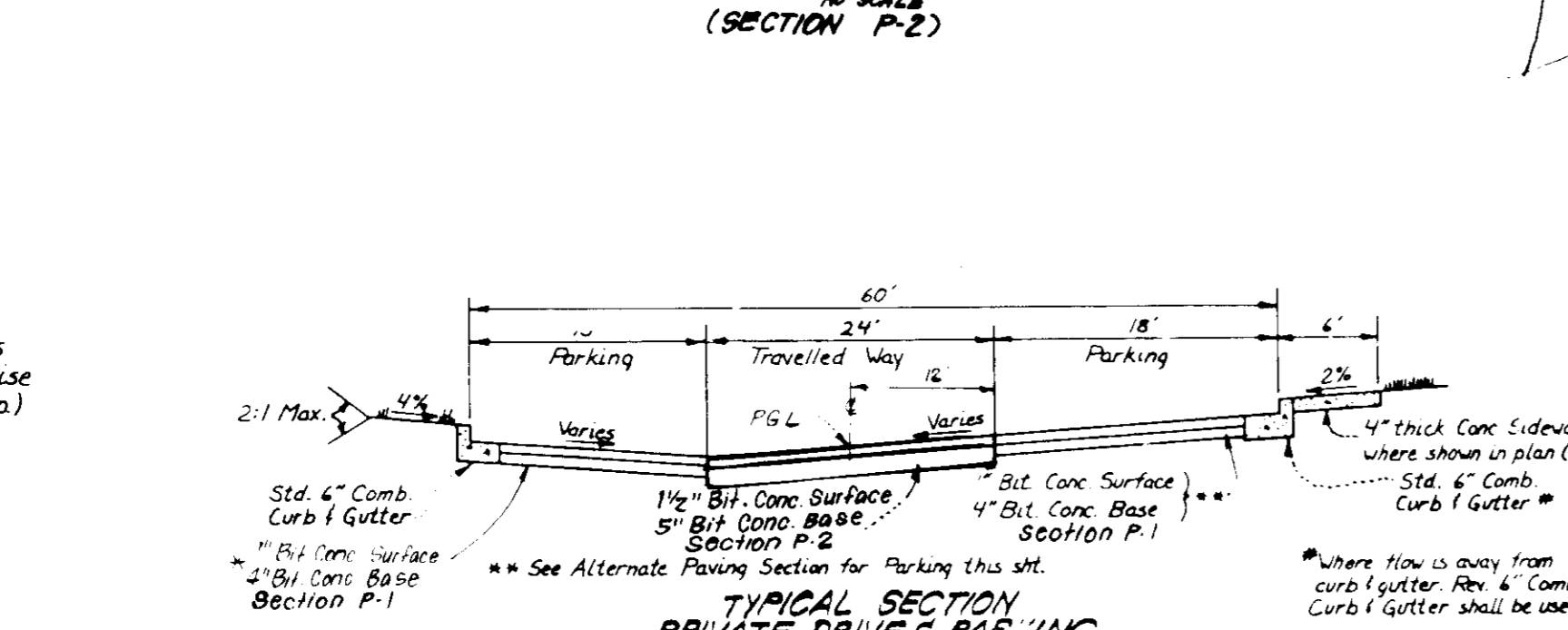
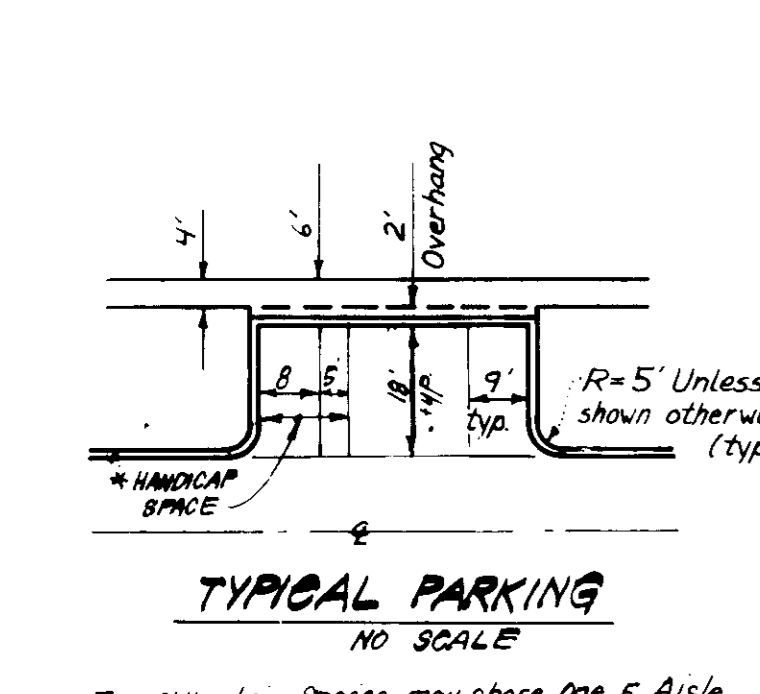
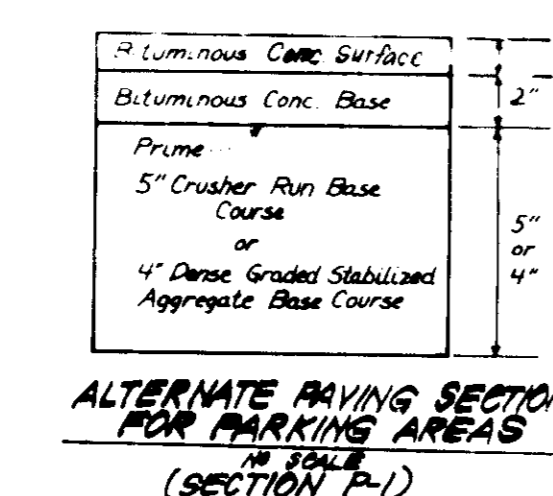
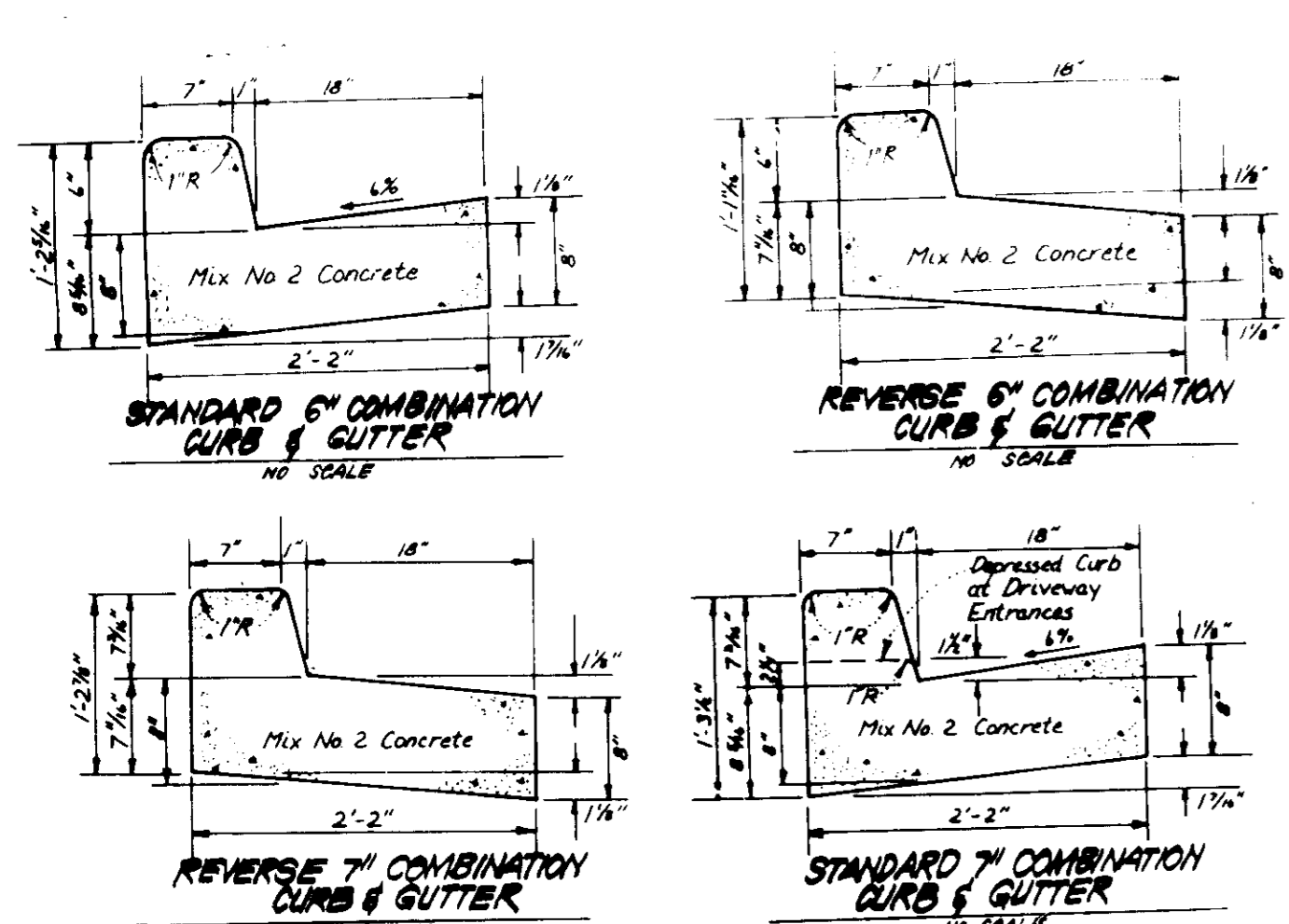
[Signature] Date: 10-31-89

ENGINEER'S CERTIFICATE

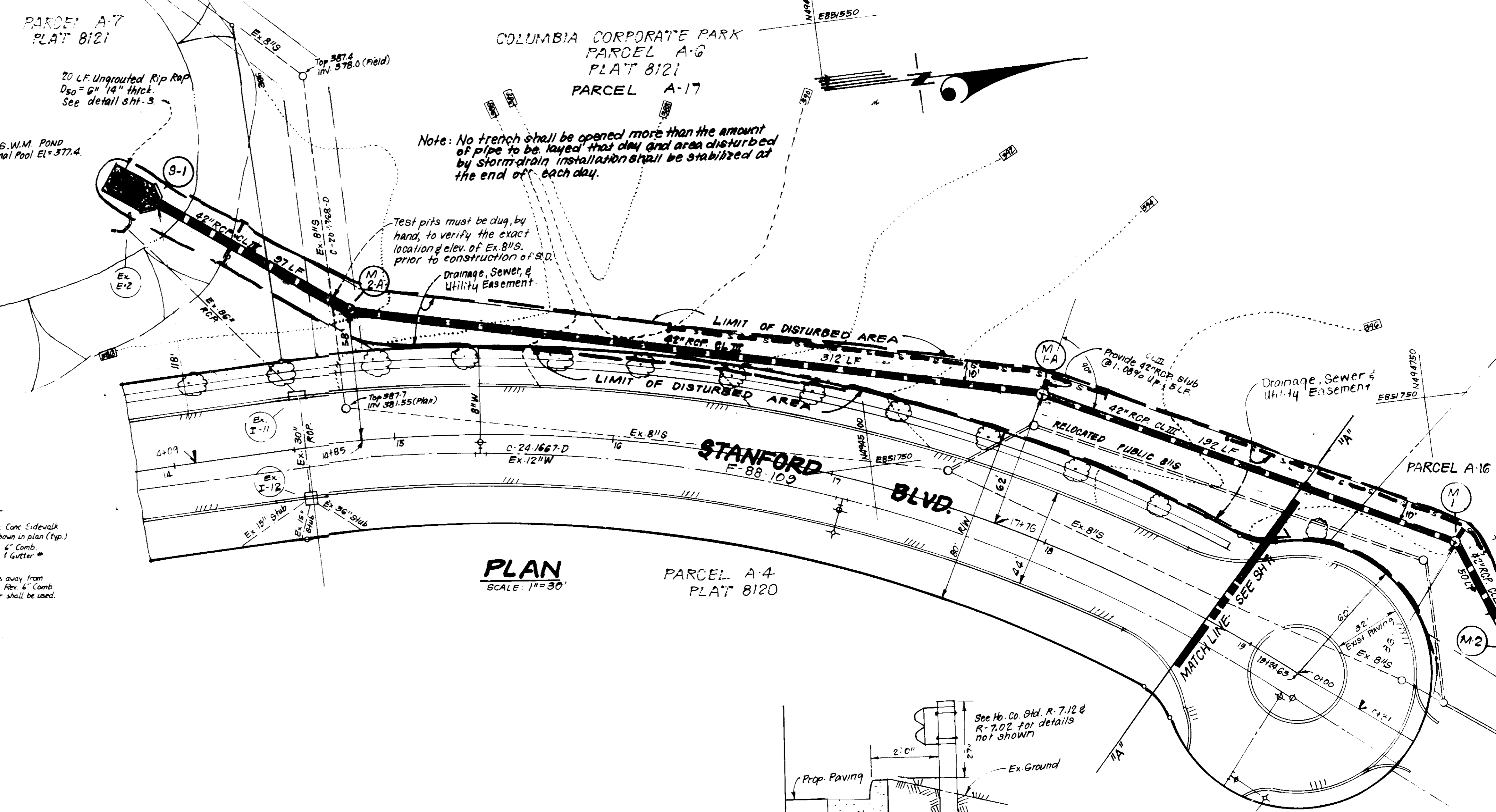
I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

[Signature] Date: 10-31-89

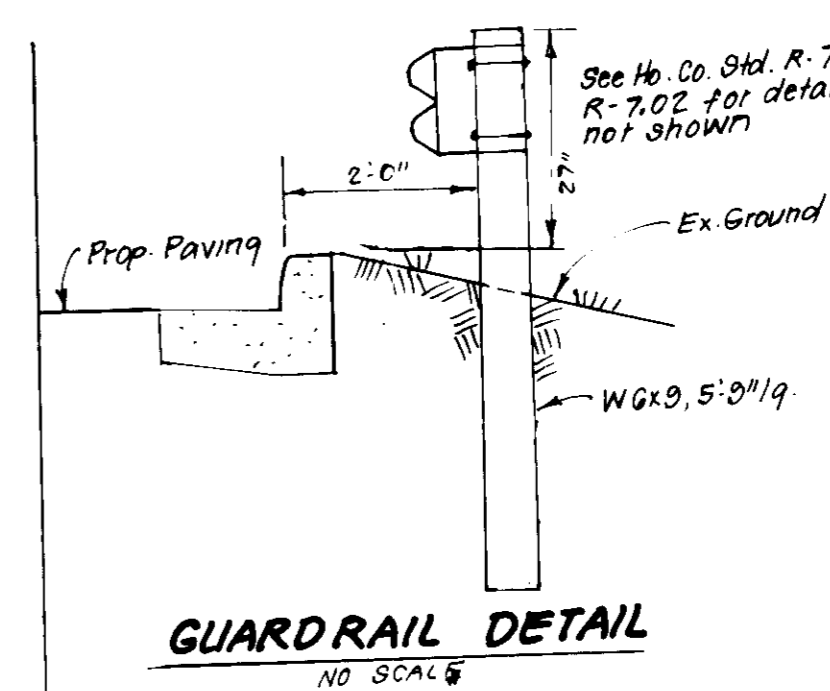
OWNER: MCD/II Development Co. 0430 Dobbin Road Columbia Md 21045	PROJECT NAME: COLUMBIA CORPORATE PARK PARCEL A-15	DATE: 12/29/89	REVISION: 1
DESIGNED: WHT KIWM	DRAWN: KIWM	CHECKED: WHT VLS	DATE: 10-31-89
<p>CLARK • FINEROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINGSTREL WAY • COLUMBIA, MD 21046 • (301) 381-7500 • BALTO • (301) 621-8100 • WASH</p>		<p>SITE DEVELOPMENT PLAN PARCEL A-15</p> <p>COLUMBIA CORPORATE PARK</p>	
<p>TAX MAP 36 PARCEL 356 0th ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>		<p>JOB NO: 89-04G</p> <p>FILE NO: 89-04GX</p>	
<p>FOR: MARRIOTT CORPORATION NSR BUILDING 2501 Research Blvd. Rockville Md 20850</p>			



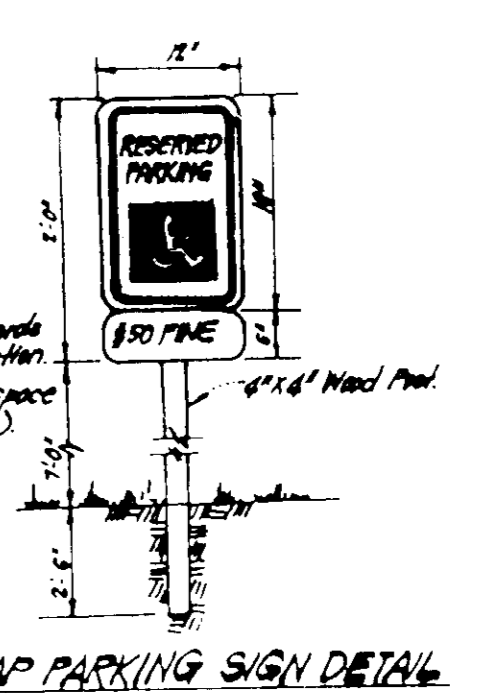
* Two 8' Handicap Spaces may share one 5' Aisle



PLAN SCALE: 1"=30'



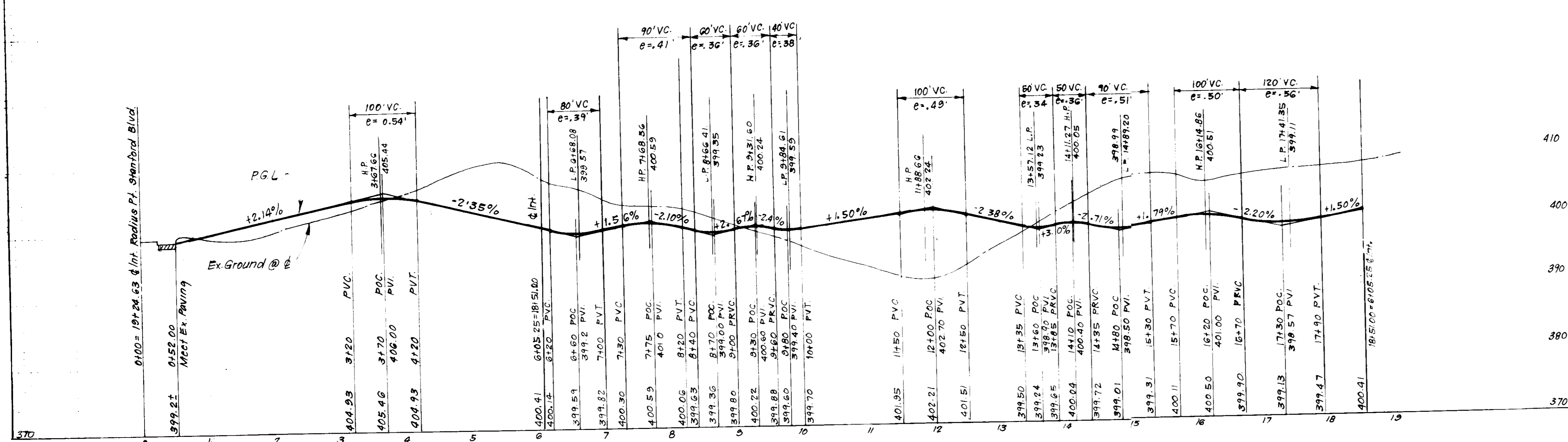
GUARDRAIL DETAIL NO SCALE



NOTE: 1. Sign shall meet or exceed standards of Public Works Administration. 2. Use required marking space indicated as shown (if spaced).



LEGEND Legend and Symbols: Yellow White Symbol on Blue Background Black on White

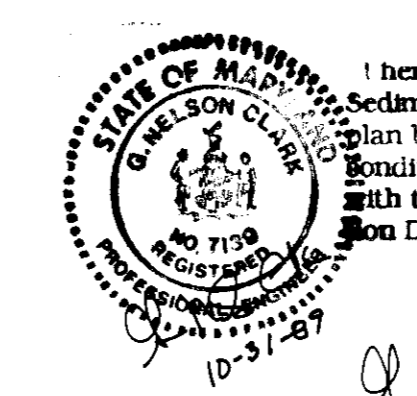


PROFILE - PRIVATE DRIVE SCALES: HORIZ: 1"=100' VERT: 1"=10'

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER DATE 12/1/89
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 DATE 12/29/89
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE 12/6/89
 CHIEF BUREAU OF ENGINEERING DATE 11/23/89

Reviewed for Name and meets Technical Requirements
 Signature: James M. ... 11-9-89
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 Signature: John R. ... 11/9/89

DEVELOPER'S/BUILDER'S CERTIFICATE
 I hereby 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.
 Signature: ... 10-31-89



Signature: ... 10-31-89

CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINISTREY WAY • COLUMBIA, MD 21046 • (301) 381-7500 • FAX (301) 381-8100 • A-131

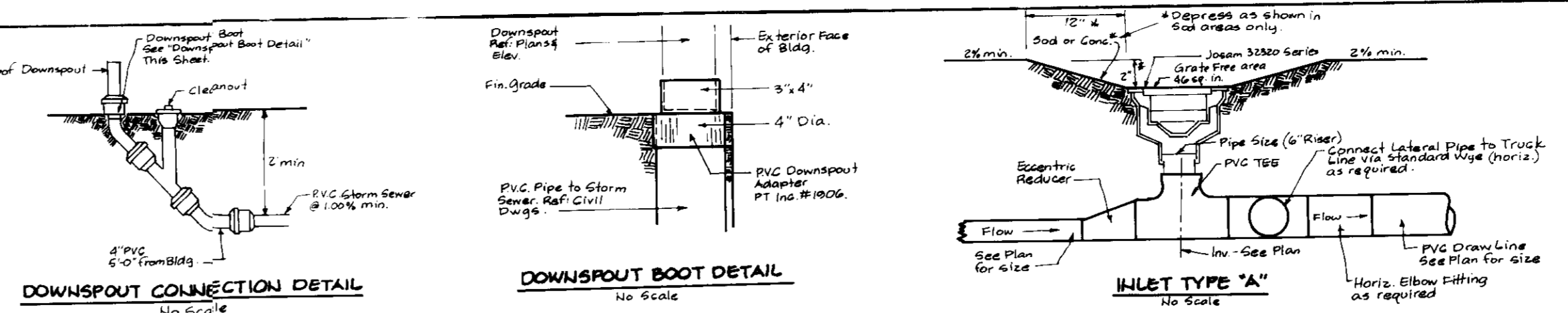
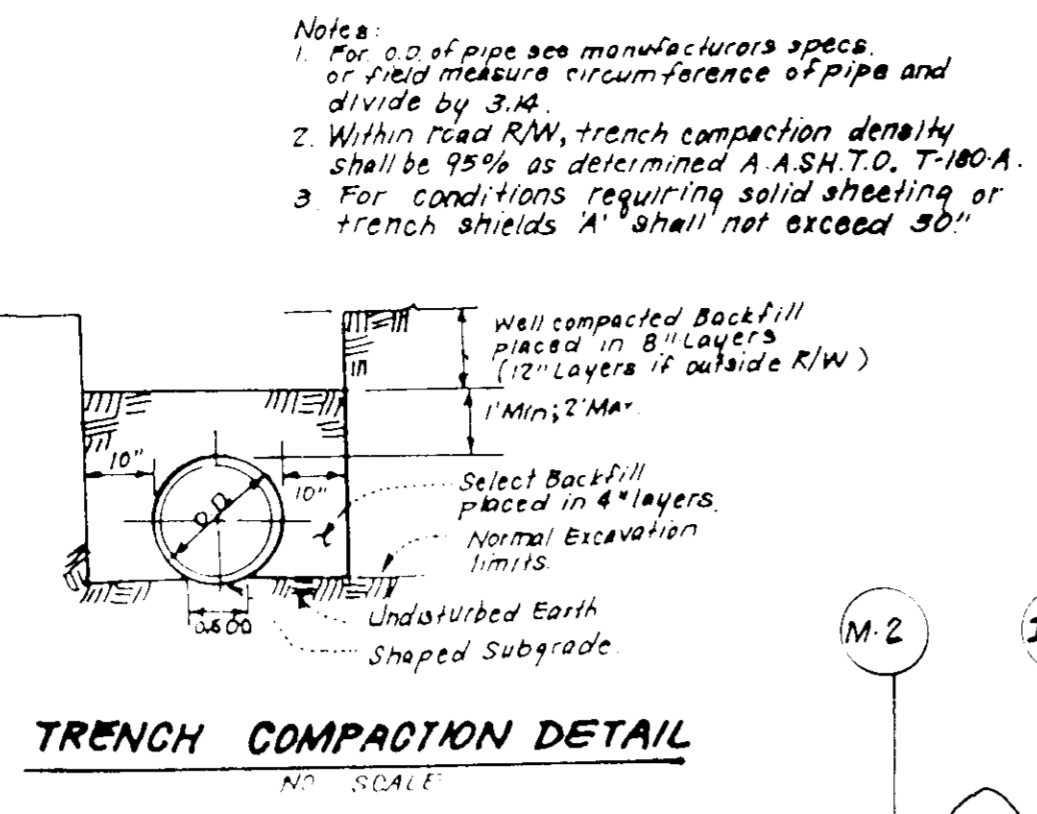
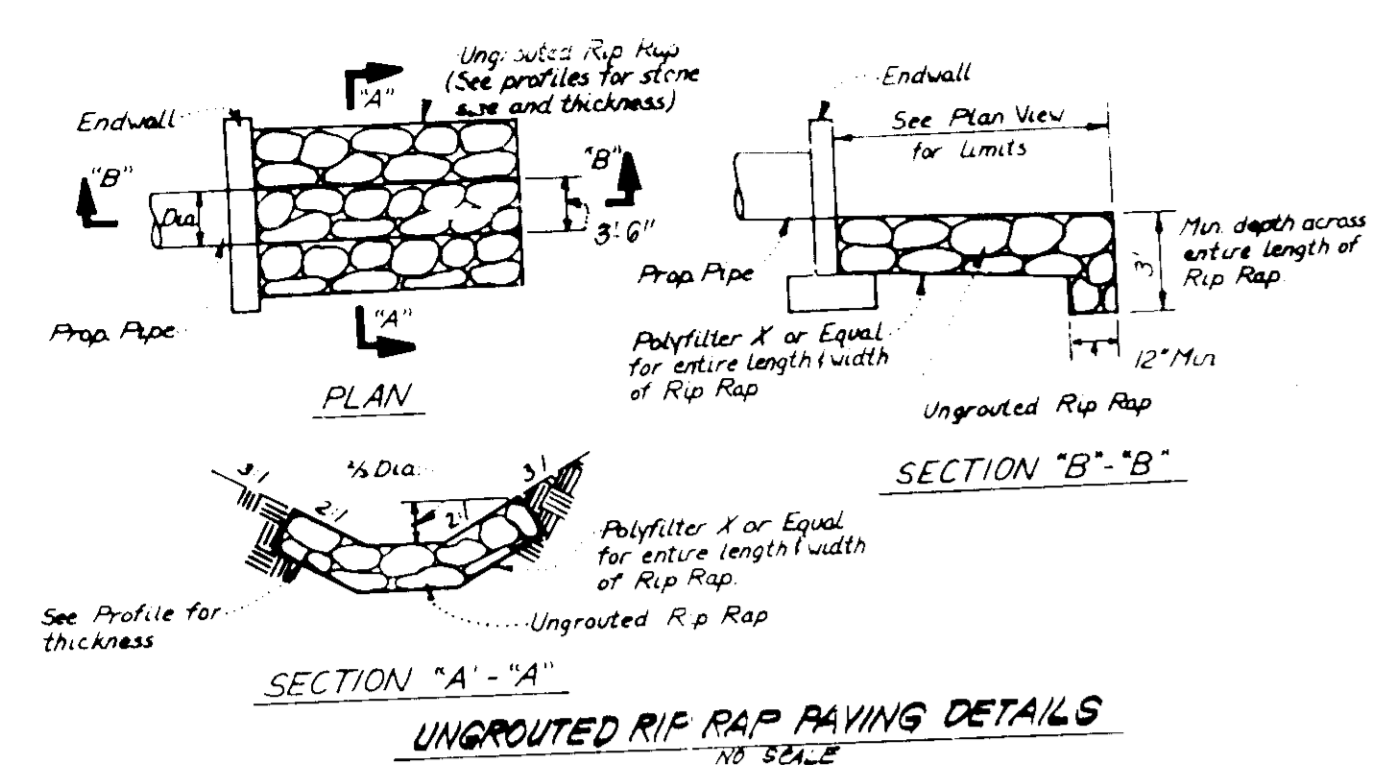
DESIGNED: KIWM
 DRAWN: KIWM
 CHECKED: JLS
 WHT
 DATE: 10-31-89

SITE DEVELOPMENT PLAN
 PARCEL A-15
 COLUMBIA CORPORATE PARK
 TAX MAP 36 PARCEL 356
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: MARRIOTT CORPORATION
 NCR BUILDING, SUITE 300
 2301 Research Blvd. Rockville, Md 20850

SCALE: As Shown
 DRAWING: 2 OF 6
 JOB NO: 89-046
 FILE NO: 89-046-X

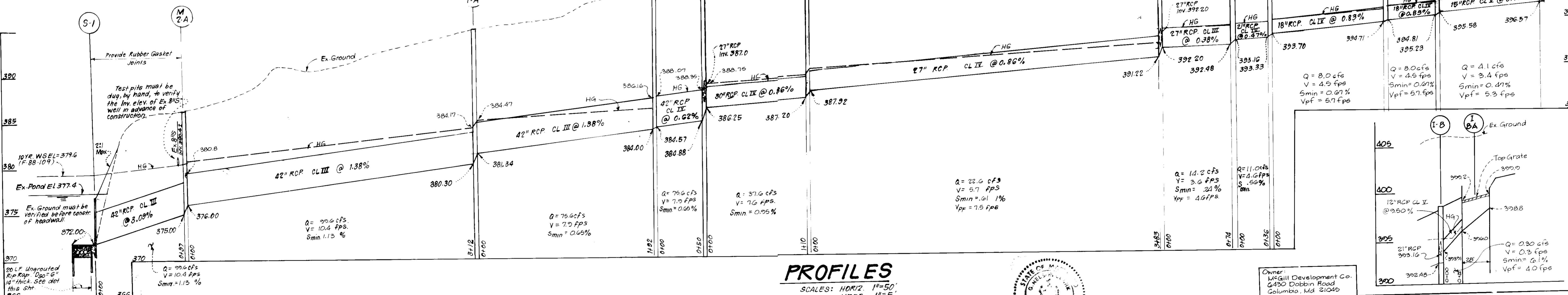
Date	Revision
7-11-90	Rev Courtyard Drainage per sheet 1 of 6



No.	TYPE	INV. IN	INV. OUT	TOP ELEVATION		REMARKS	LOCATION
				UPPER	LOWER		
S-1	Type A Headwall	372.0	372.0	-	-	Ho. Co. Std. SD 5.11	42"Ø See Plan
M-2A	Brick Manhole	376.00	375.00	386.2	386.2	Ho. Co. Std. G-5.03	42"Ø
M-1A	Brick Manhole	381.34	380.30	395.0	395.0	Ho. Co. Std. G-5.03	42"Ø
M-1	Brick Manhole	384.57	384.00	398.7	398.7	Ho. Co. Std. G-5.03	42"Ø
M-2	Brick Manhole	387.92	387.20	399.2	399.2	Ho. Co. Std. G-5.03	42"Ø
M-4	Brick Manhole	387.92	387.20	402.0	402.0	Ho. Co. Std. G-5.03	5-0"Ø
M-5A	Brick Manhole	392.66	392.56	401.78	401.57	Ho. Co. Std. SD 4.02	W=2'6" 4" Inlet 57x70
I-5	A-10 Inlet	393.95	393.10	400.0	400.0	Ho. Co. Std. SD 4.02	W=2'6" 4" Inlet 6x67
I-6	A-10 Inlet	391.00	390.65	400.36	400.15	Ho. Co. Std. SD 4.02	W=2'6" 4" Inlet 0174
I-7	A-10 Inlet	393.16	392.48	398.60	398.60	Ho. Co. Std. SD 4.02	W=2'6" 4" Inlet 17x40
I-8	A-10 Inlet	393.70	393.33	398.90	398.90	Ho. Co. Std. G-5.01	4-0"Ø 4" Inlet 18x38
M-9	Brick Manhole	394.64	394.29	400.80	400.80	Ho. Co. Std. G-5.01	4-0"Ø 4" Inlet 17x00
M-10	Brick Manhole	394.81	394.71	399.85	399.85	Ho. Co. Std. G-5.01	4-0"Ø 4" Inlet 15x72
I-12	A-10 Inlet	395.58	395.23	399.1	399.1	Ho. Co. Std. SD 4.02	W=2'6" 4" Inlet 14x75
I-13	A-10 Inlet	-	394.57	399.83	399.83	Ho. Co. Std. SD 4.02	W=2'6" 4" Inlet 13x55
M-14	Brick Manhole	394.98	394.88	400.1	400.1	Ho. Co. Std. G-5.01	4-0"Ø 4" Inlet 8x7
I-15	A-10 Inlet	395.59	395.25	399.70	399.70	Ho. Co. Std. SD 4.02	W=2'6" 4" Inlet 9x71
I-16	A-10 Inlet	392.24	392.14	400.30	400.28	Ho. Co. Std. SD 4.02	W=2'6" 4" Inlet 10x65
I-17	A-10 Inlet	397.45	397.37	400.30	400.28	Ho. Co. Std. SD 4.14	24" Rd. 4" Inlet 11x10
I-18	Yard Inlet	397.97	397.87	400.80	400.80	Ho. Co. Std. SD 4.14	24" Rd. 4" Inlet 11x45
I-19	Yard Inlet	-	397.97	400.80	400.80	Ho. Co. Std. SD 4.11	4" Inlet 11x3
I-20	D Inlet	-	393.00	397.33	397.33	Ho. Co. Std. SD 4.15	See Plan
I-2A	C Inlet w/ Grate	-	396.00	397.2	397.2	Ho. Co. Std. SD 4.15	See Plan

No.	Type	Inv. In	Inv. Out	Top Elev.		Remarks	Location
				Upper	Lower		
A	Type "A"	394.7	394.7	400.35	400.35	See Detail - Inlet	See Plan
B		399.3	399.3	400.75	400.75		
C		396.1	396.1	399.85	399.85		
D		396.7	396.7	400.13	400.13		
E		397.4	397.4	400.23	400.23		
F		397.5	397.5	399.83	399.83		
G		397.1	397.1	401.60	401.60		
H		397.7	397.7	401.60	401.60		
I		-	398.3	400.23	400.23		

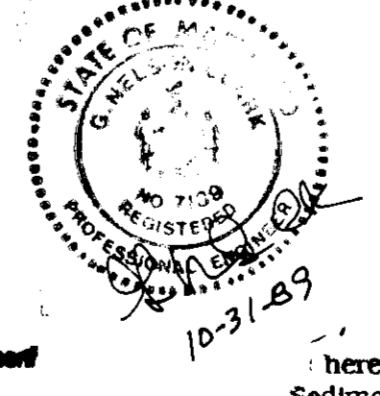
Δ All inverts are fully developed
 □ Provide slots in all 4 sides
 * Top grate elev.
 - Use dimensions "B" for grate.



SIZE	TYPE	LENGTH
12"	RCP CL II	77 LF
15"	RCP CL IV	321 LF
18"	RCP CL IV	214 LF
21"	RCP CL IV	146 LF
24"	RCP CL IV	36 LF
27"	RCP CL II	75 LF
27"	RCP CL III	249 LF
30"	RCP CL III	38 LF
36"	RCP CL III	110 LF
42"	RCP CL III	50 LF
42"	RCP CL III	201 LF

Approved for: HOWARD O. SCB
 Director, Howard County Department of Planning and Zoning
 Date: 11-9-89
 Approved: John R. Robinson 4/9/89

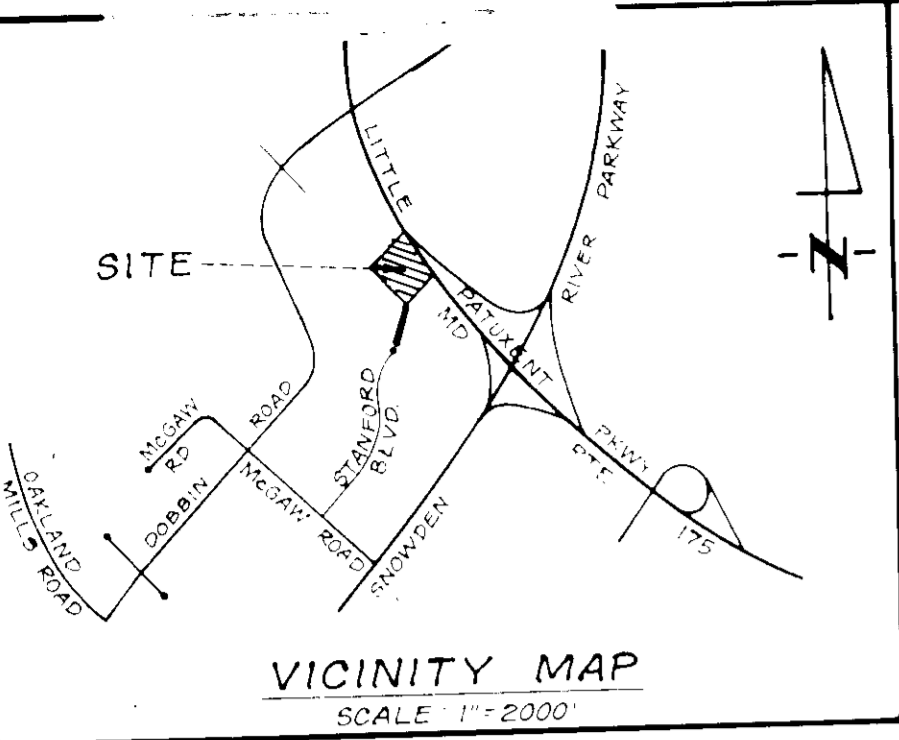
PROFILES
 SCALES: HORIZ 1"=50'
 VERT. 1"=5'
 DEVELOPER'S/BUILDER'S CERTIFICATE
 I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as may be deemed necessary.



ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan for the control of erosion and sedimentation and that the proposed construction will conform to the requirements of the Howard Soil Conservation District.

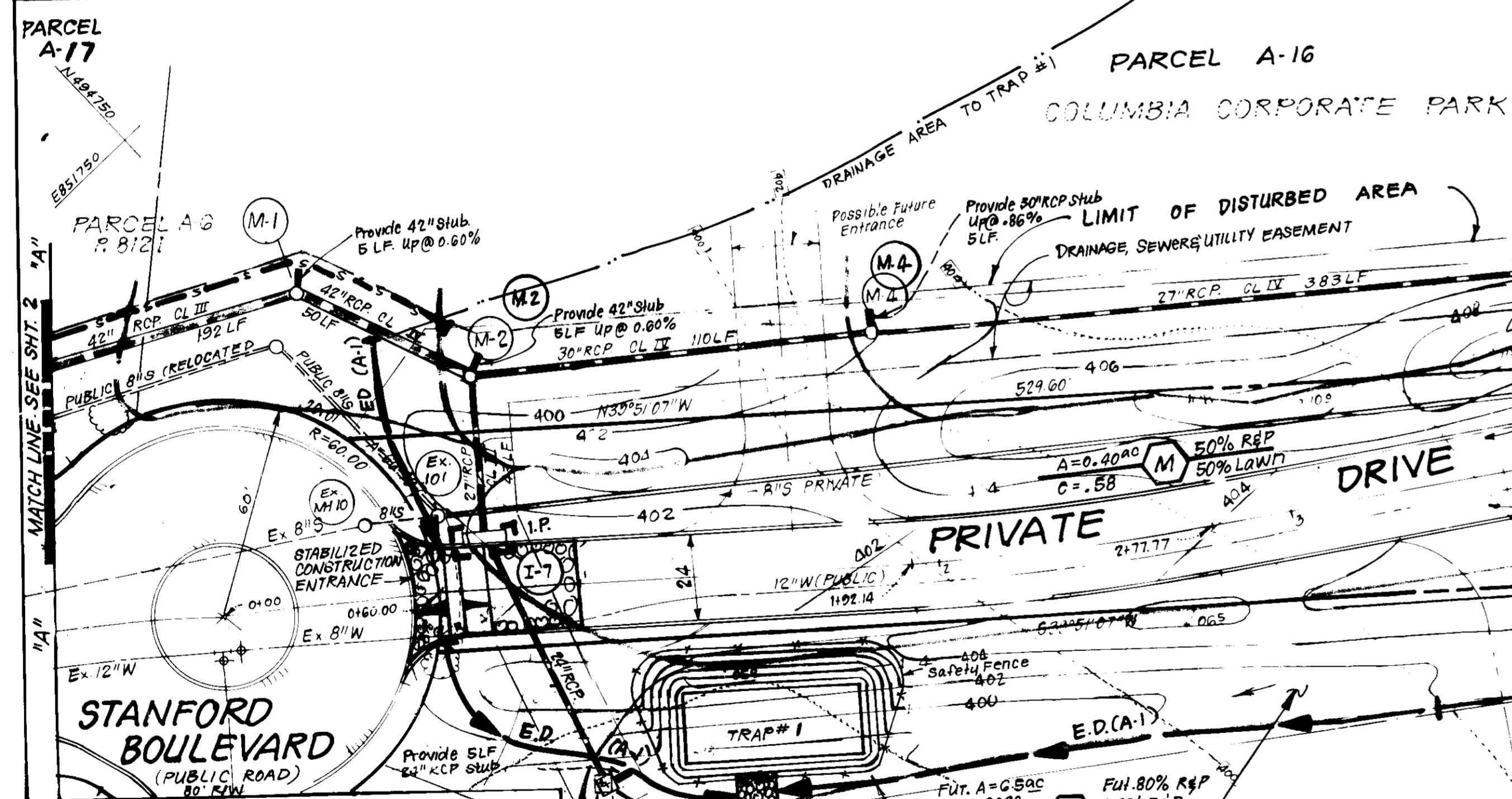
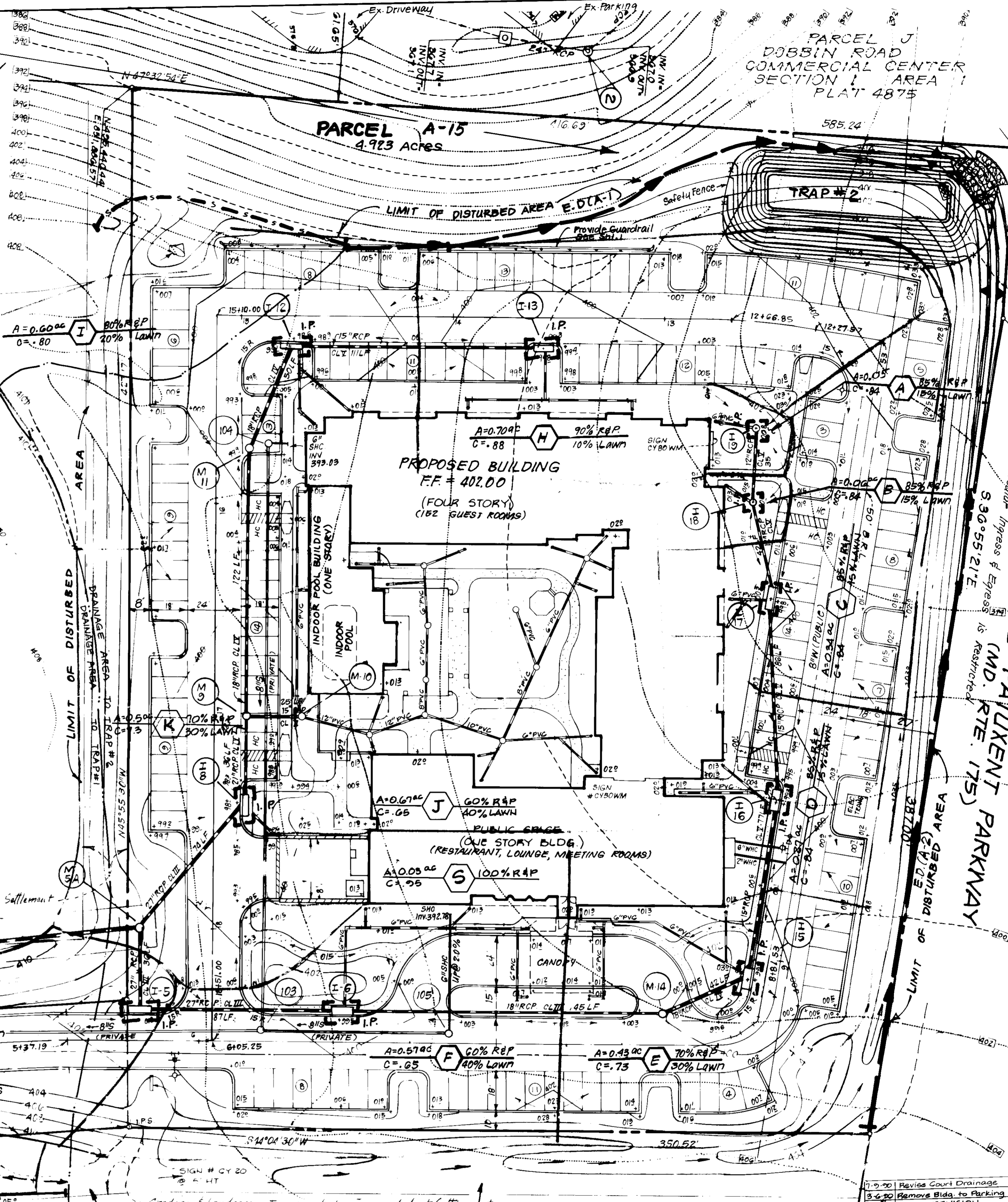
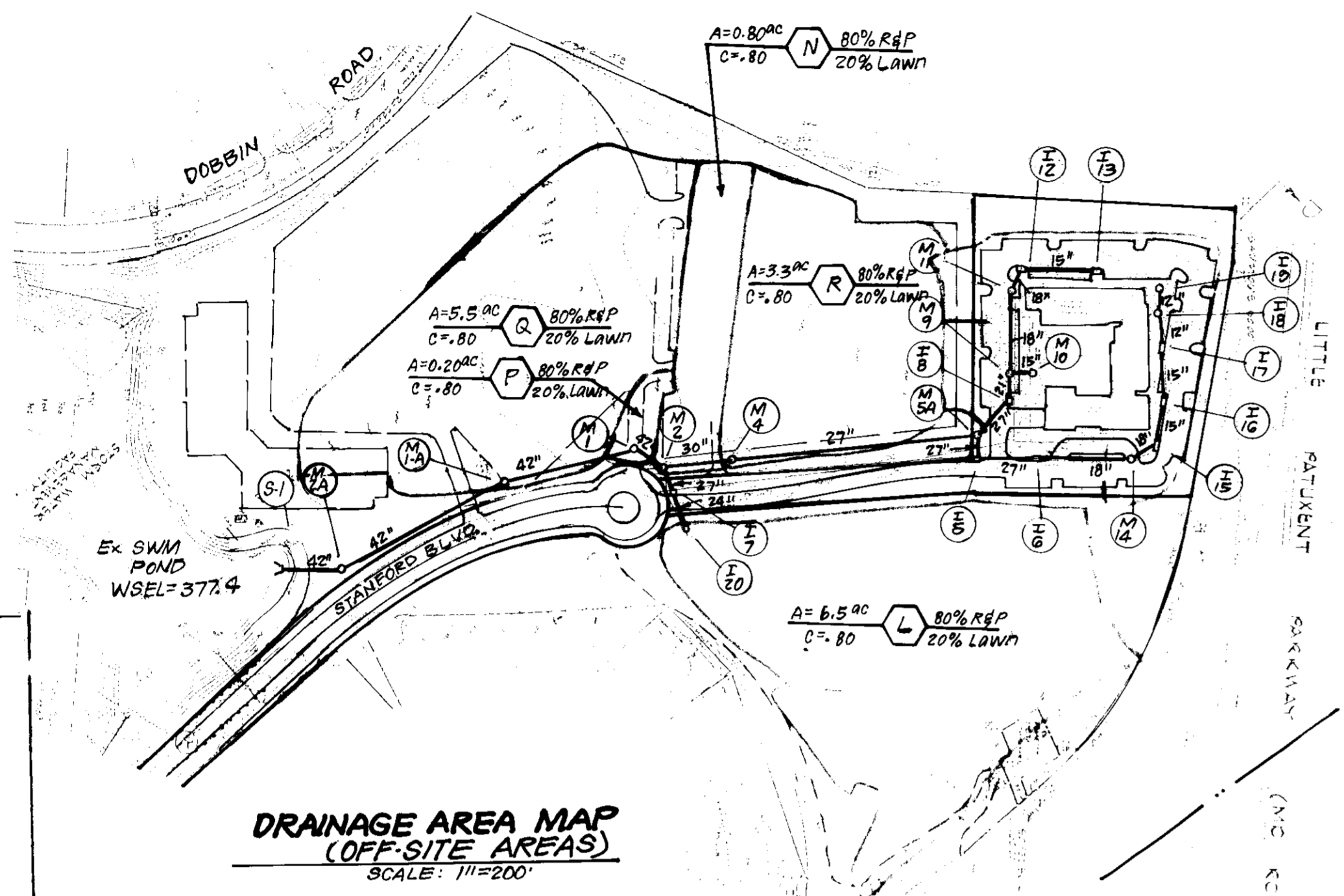
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 12/27/89
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 DATE: 12/27/89
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 12/27/89

Owner: McGill Development Co., 6430 Dobbin Road, Columbia, Md 21045
CLARK • FINEROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 (301) 621-8900 - WASH.
SITE DEVELOPMENT PLAN
 PARCEL A-15
COLUMBIA CORPORATE PARK
 As Shown
 3 OF 6
 TAX MAP 36, PARCEL 356
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 89-046
 FOR: MARRIOTT CORPORATION
 NCP BUILDING, SUITE 306
 2301 Resear-A-Bldg, Rockville, Md. 20850
 89-046-X
 SDP-90-33



LEGEND:
 Contour Interval 2 Ft
 Existing Contour 410
 Proposed Contour +10'
 Spot Elevation
 Direction of Drainage
 Prop Storm Drain 18" RCP
 Prop Sewer Line 8" S
 Earth Dike
 Silt Fence
 Inlet Protection

TRAP#2 ROST (ST-III)
 D.A = 5.6 Acres
 Storage Required = 10080 cf
 Storage Provided = 10125 cf
 Depth = 5'
 Top of Stone Weir = 389.0
 Bottom Elev. = 383.0
 Clean Out Elev. = 385.5
 Top of Embankment Elev. = 392.25
 Bottom Dimensions = 85'x17.5'
 a=1.5 b=14.0'
 1:1 Side Slopes in Cut



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE 12-15-89

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 DIRECTOR
 DATE 12/29/89

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE 12-6-89

CHIEF BUREAU OF ENGINEERING
 DATE 11-20-89

TRAP#1 SOST (ST-V)
 D.A = 2.8 Acres
 Storage Required = 5040 cf
 Storage Provided = 5184 cf
 Depth = 4'
 Top of Stone Weir = 397.5
 Bottom Elev. = 392.5
 Clean Out Elev. = 384.5
 Bottom Dimensions = 50'x20'
 L=12'
 1:1 Side Slopes

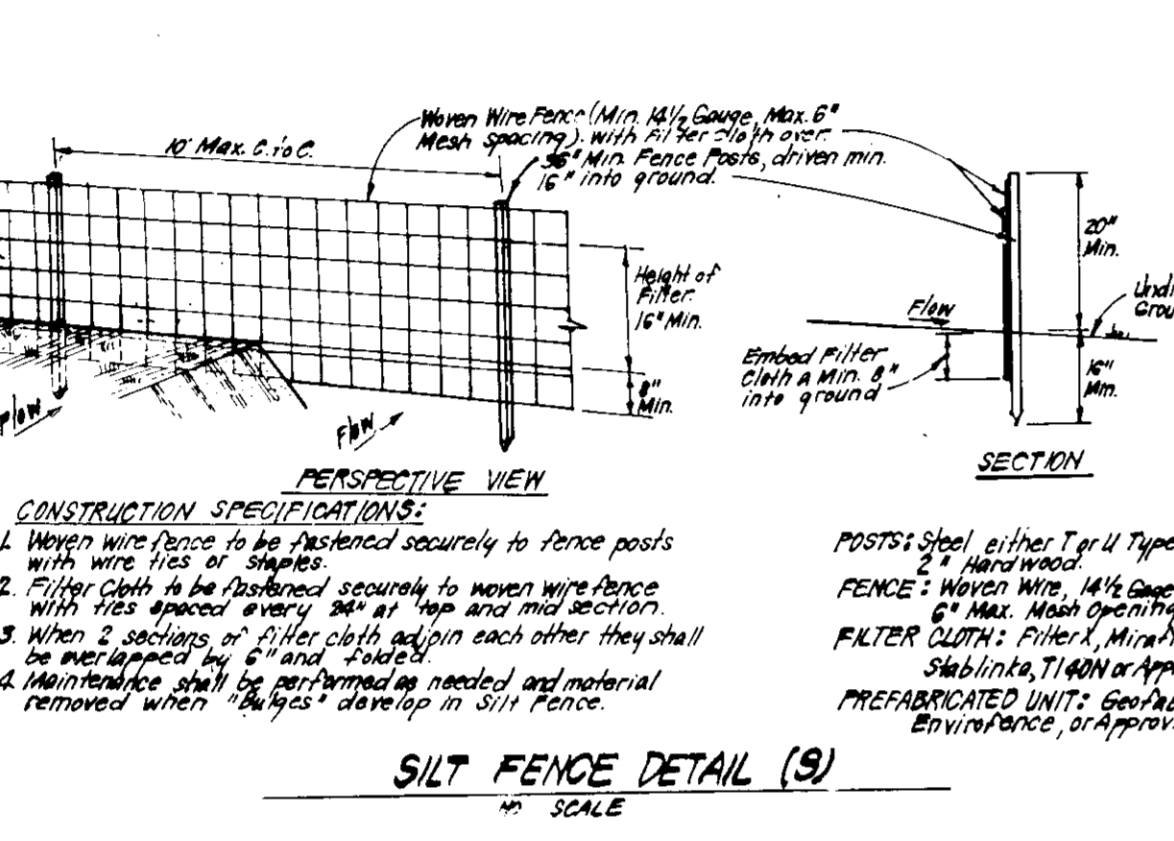
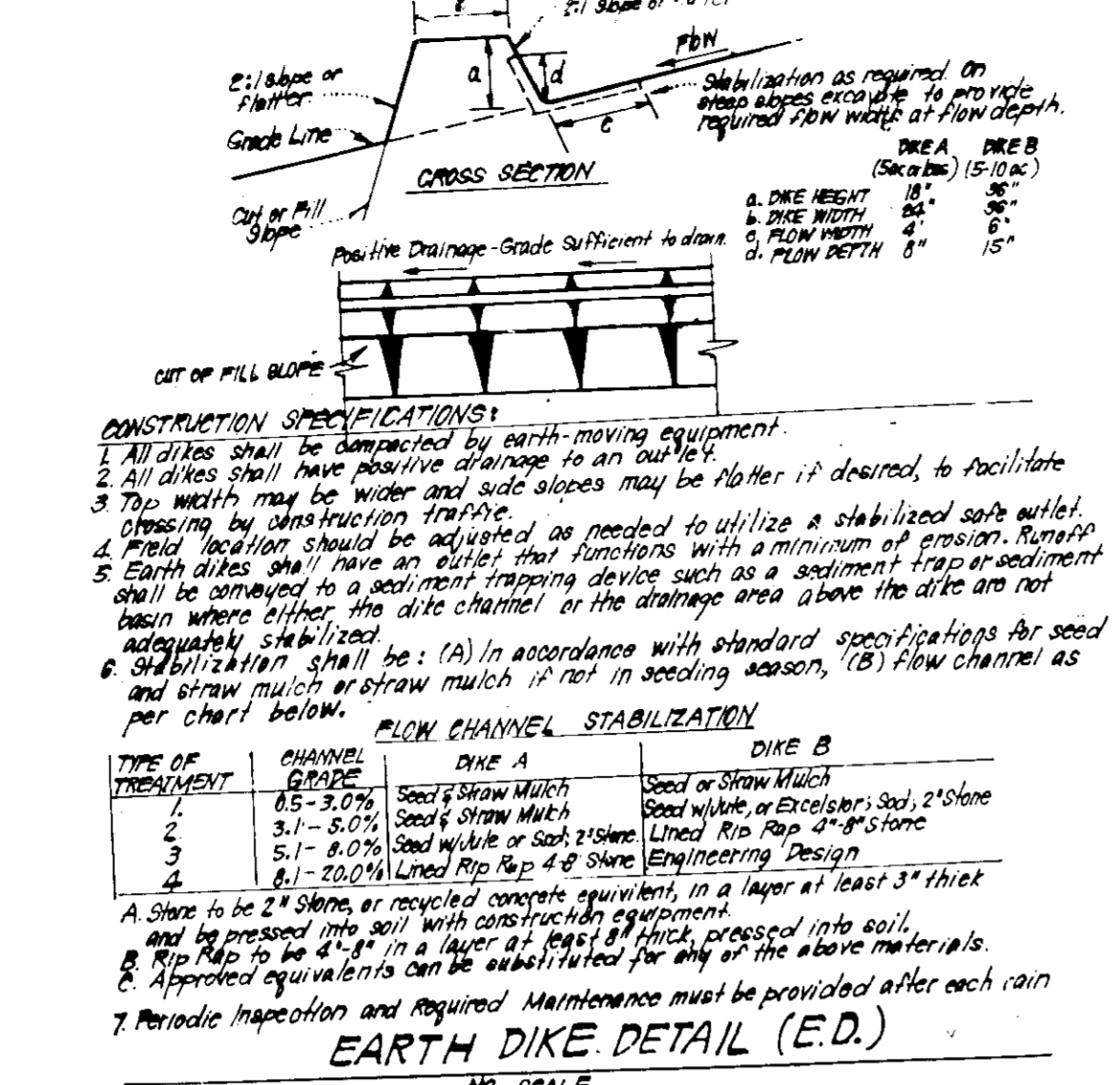
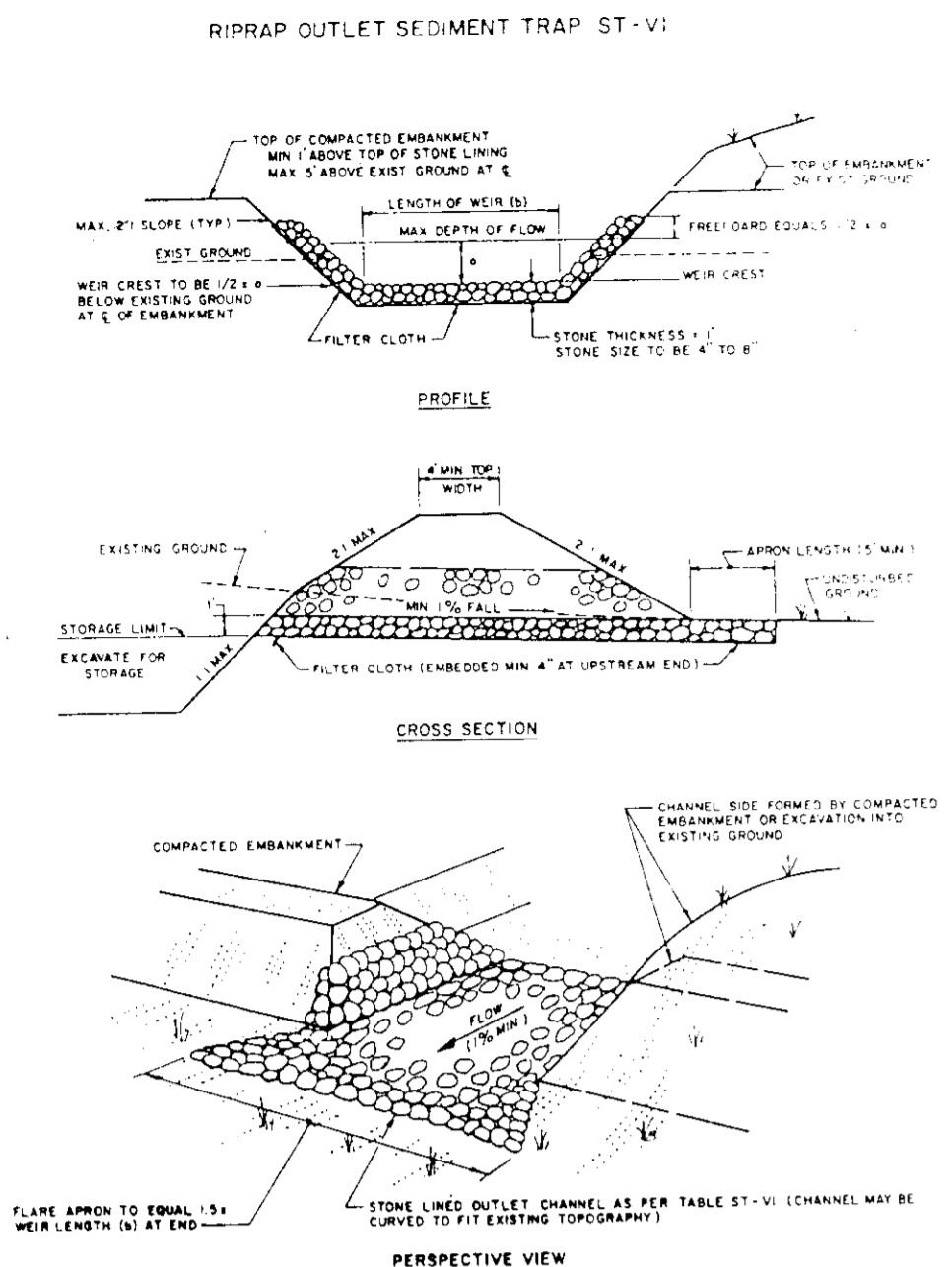
Reviewed for... S.C.D.
 Name
 Requirements
 Signature
 Date
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Signature of District Director
 Date 11-9-89

DEVELOPER'S/BUILDER'S CERTIFICATE
 "I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."
 Signature of Developer/Builder
 Date 10-31-89



I hereby 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.
 Signature of Engineer
 Date 10-31-89

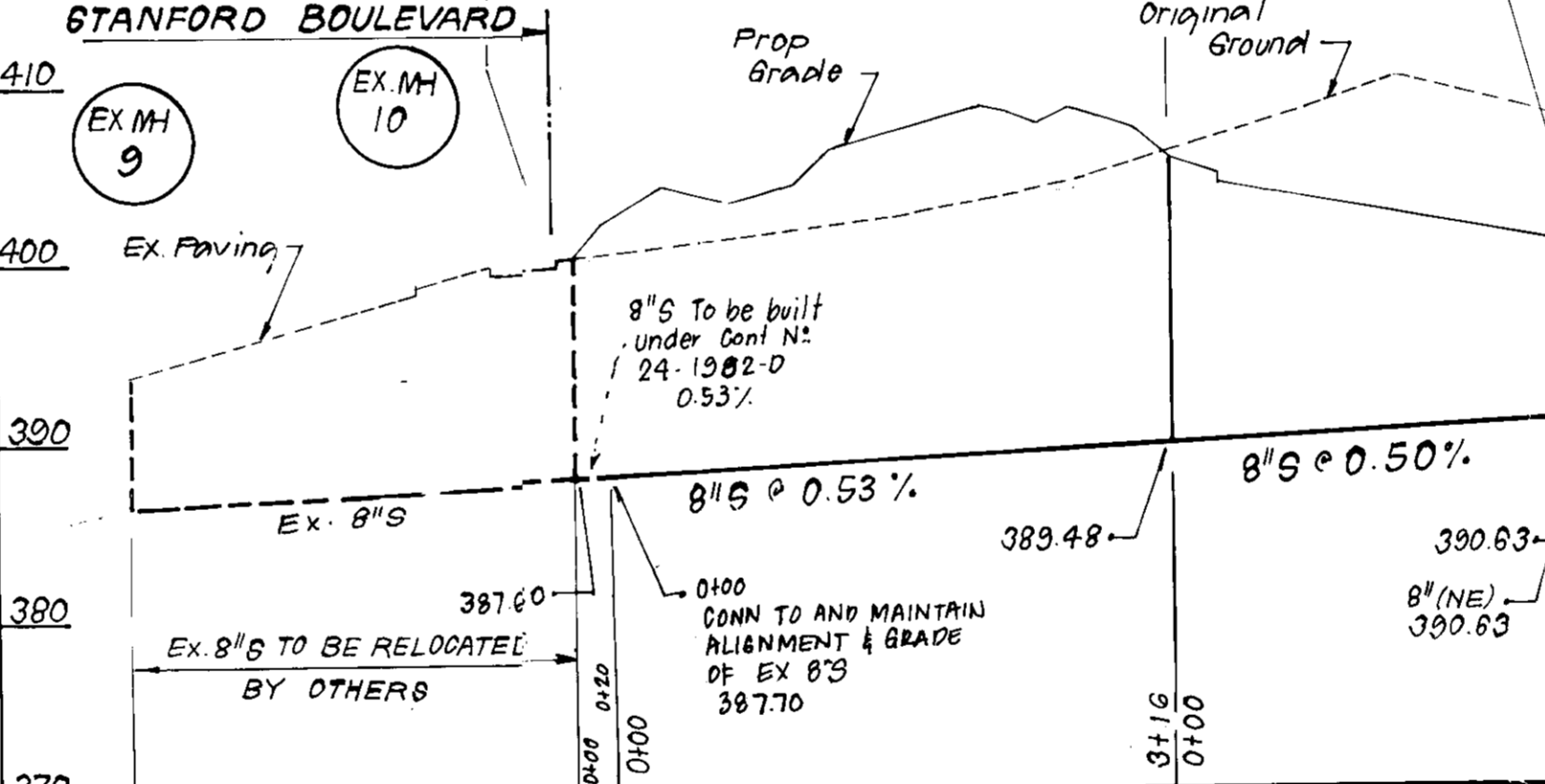
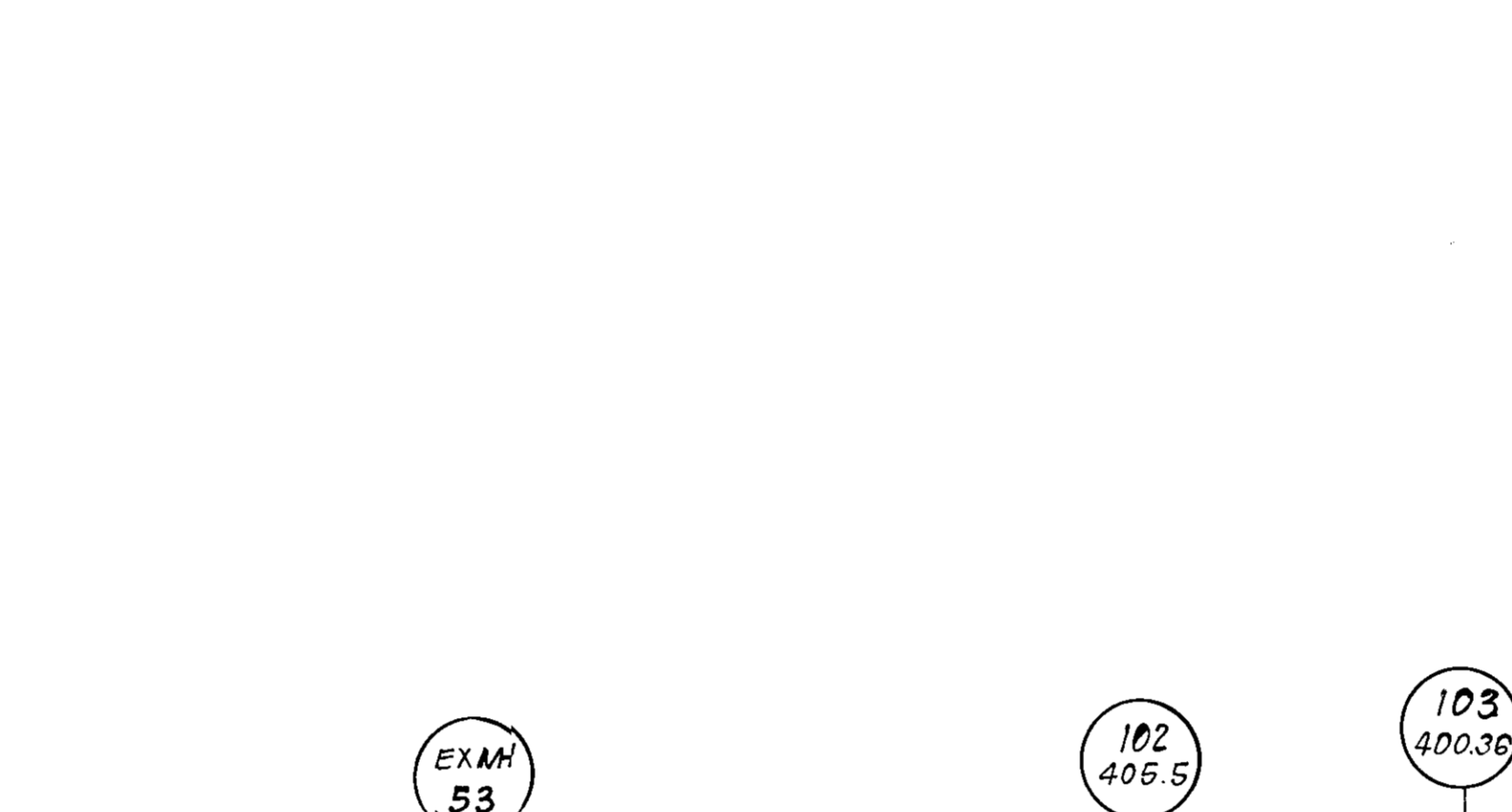
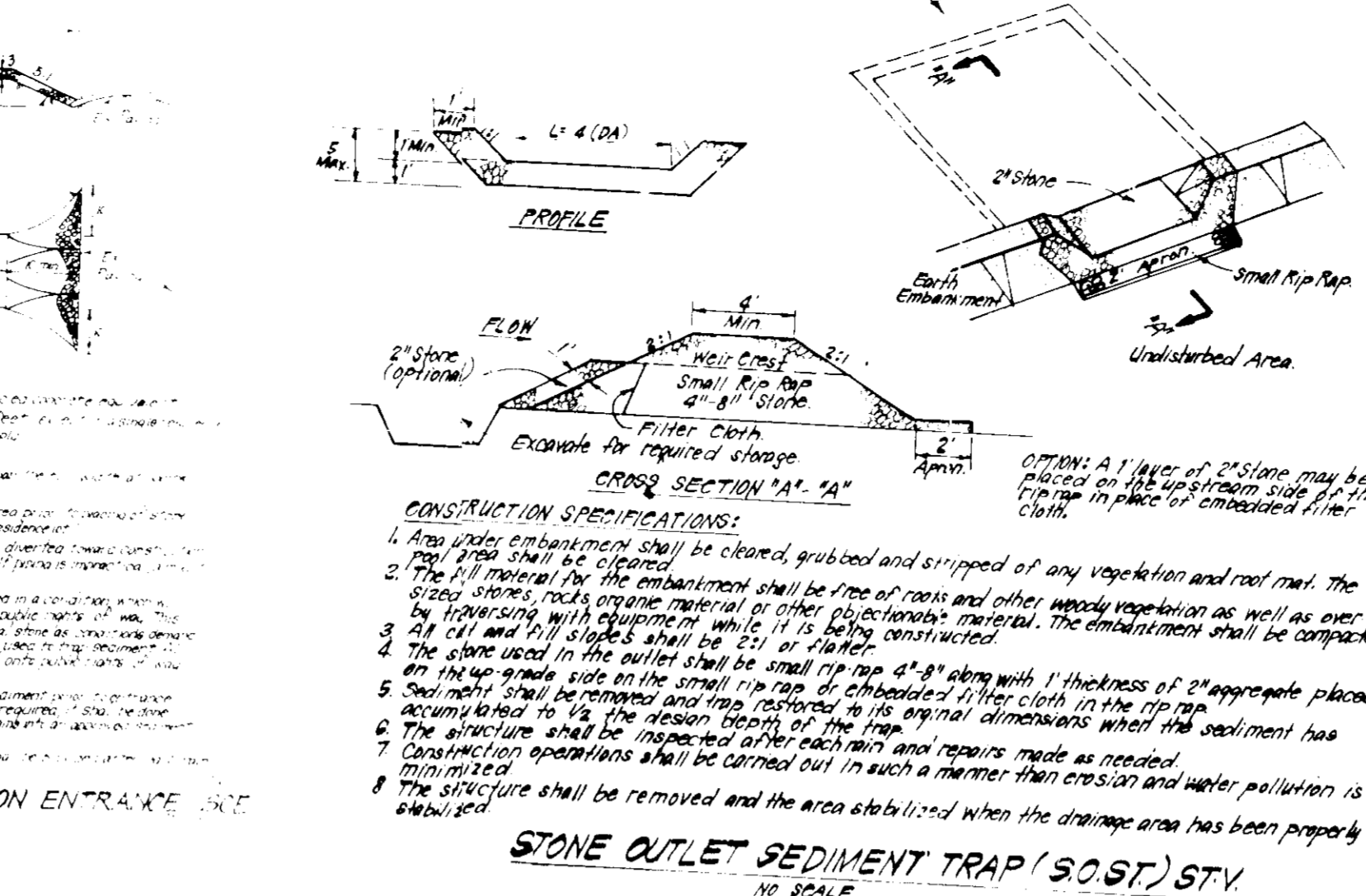
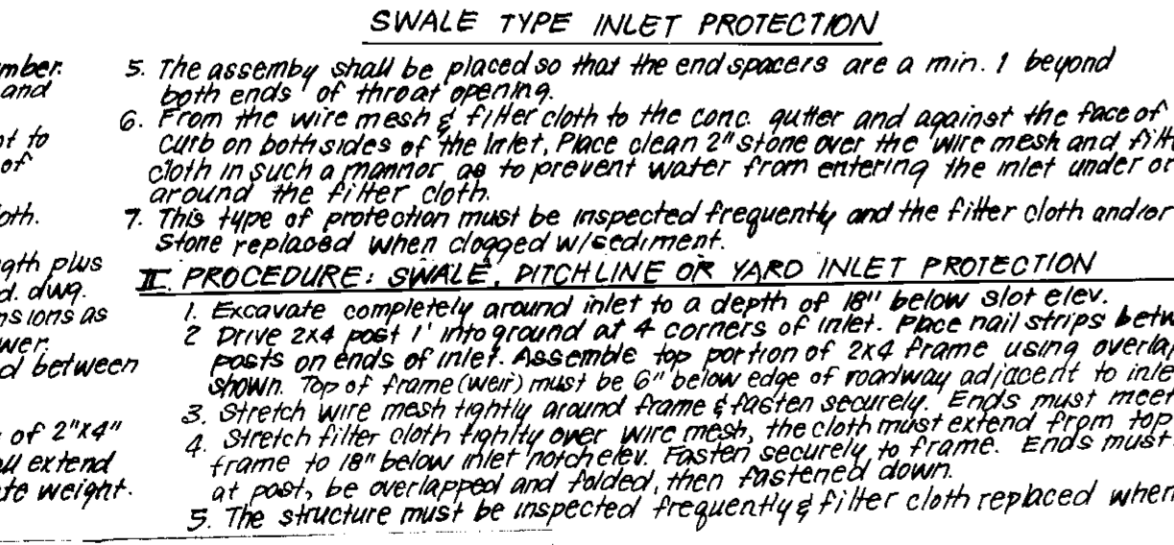
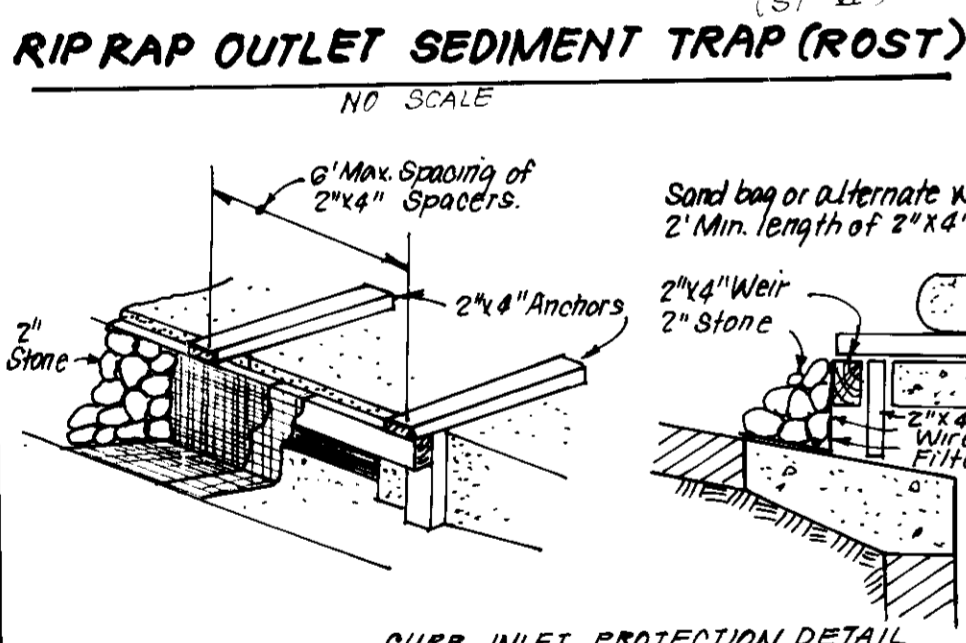
OWNER: MCHL Development Co. 6430 Dobbin Road Columbia Md 21095	SUBDIVISION NAME: COLUMBIA CORPORATE PARK BLOCK NO. 8006 LOT NO. 15224	SECT: AREA A-15	TAX MAP NO. 30	BLK. NO. 677	PARCEL NO. 6065-02
CLARK • FINEBROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7188 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 981-7500 BALTO. • (301) 621-8100 - WA			SEDIMENT & EROSION CONTROL PLAN AND DRAINAGE PREA MAP PARCEL A-15		
DESIGNED KIWM	DRAWN KIWM				SCALE 1"=30'
CHECKED JLS	DATE 10-31-89				DRAWING 4 of 6
FOR: MARIOTT CORPORATION NCP BLDG 34 E 306 2301 Research Blvd. Rockville Md. 20850					



CONSTRUCTION SEQUENCE:

No. of DAYS	Task
3	1. Obtain grading permit.
7	2. Clear/grade for installation of sediment controls.
15	3. Install sediment & erosion control devices and stabilize.
60	4. Excavate for foundation, rough grade & temp. stabilize.
120	5. Install utilities, storm drain and paving.
120	6. Construct structures & sidewalks.
30	7. Final grade in accordance with plans and specs.
7	8. Upon approval of the sediment control inspector, remove sediment and erosion controls and stabilize.

* Note: When installing storm drain between S-1 and M.S.A. No trench shall be opened more than the amount of pipe to be laid each day.



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, disking or other acceptable means before seeding, if not previously loosened.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Below or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil.

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (14 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of creeping lovegrass. During the period of October 16 thru February 28, 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 seed. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue 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 348 gallons per acre (8 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 restituted where a short-term vegetative cover is needed.

Seeded Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 25 bushel 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 creeping lovegrass (.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 seed.

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 feet or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1981 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rates and methods not covered.

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

[Signature] 12-15-89

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

[Signature] 12/29/89

[Signature] 12/29/89

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

[Signature] 12/6/89

[Signature] 12/6/89

9-27-89

HOWARD S.C.D.

[Signature] 11-9-89

U.S. Soil Conservation Service

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

[Signature] 11/9/89

WATER & SEWER NOTES

- All sewer pipe shall be P.V.C., C.S.P.X. or V.C.P.X.
- All construction methods and materials for on-site private water and sewer systems shall follow the current edition of the Howard County Plumbing Code, supplemented by the Howard County Standard Details and Specifications where necessary.
- Sewer House Connections shall be built to within 5' of the building, at a slope of 2% unless shown otherwise.
- Areas where water house connections are to be built shall be graded to finished grade and connections shall be laid with a minimum of 3.5' of cover.
- 2" W.H.C. shall be Copper Type "K".
- 6" W.H.C. shall be Ductile Iron, Class 52.

DEVELOPER'S/BUILDER'S CERTIFICATE

"I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

[Signature] 10-31-89

[Signature] 10-31-89

ENGINEER'S CERTIFICATE

I hereby 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.

[Signature] 10-31-89

[Signature] 10-31-89

CLARK • FINEFROCK & SACKETT, INC.

ENGINEERS • PLANNERS • SURVEYORS

7335 MANHATTAN WAY • COLUMBIA, MD. 21046 • (410) 387-7000

DESIGNED BY: KIWAA

DRAWN BY: KIWMM

CHECKED BY: JLG

DATE: 10-31-89

FOR: MARRIOTT CORPORATION, NOR BUILDING, SUITE 306, 2301 Research Blvd., Rockville, Md. 20850

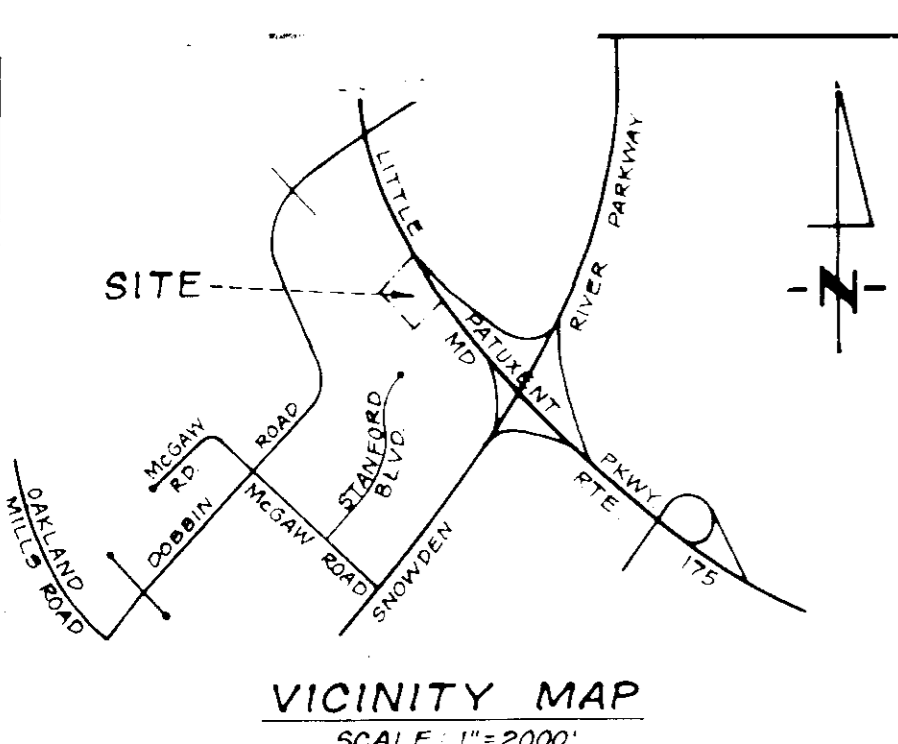
SCALE: AS SHOWN

DRAWING: 5 of 6

JOB NO: 89046

FILE NO: 89046-X

50P-90-33



LEGEND:

Contour Interval	2 FF
Existing Contour	(---)
Proposed Contour	(- - -)
Spot Elevation	+10'
Direction of Drainage	(--->)
Prop Storm Drain	(---) 12" RCP
Prop Sewer Line	(---) 8" S

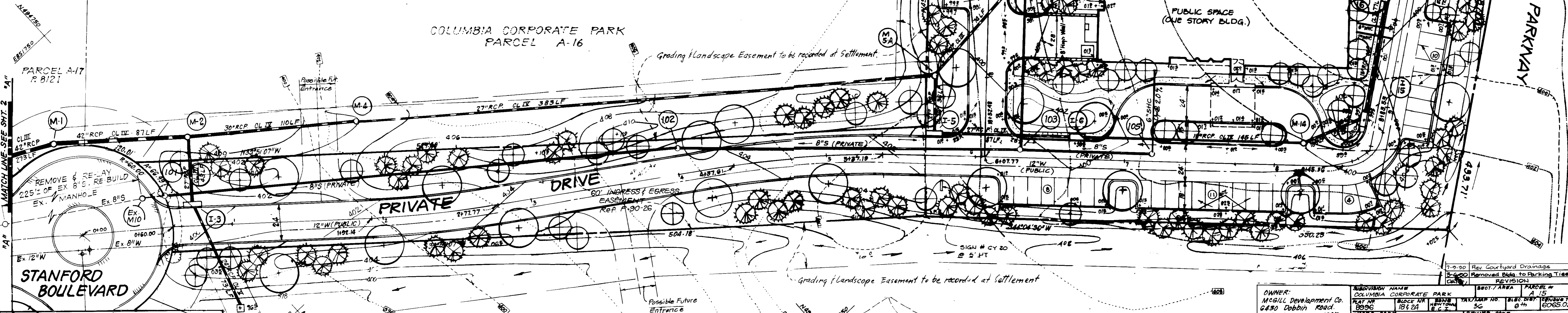
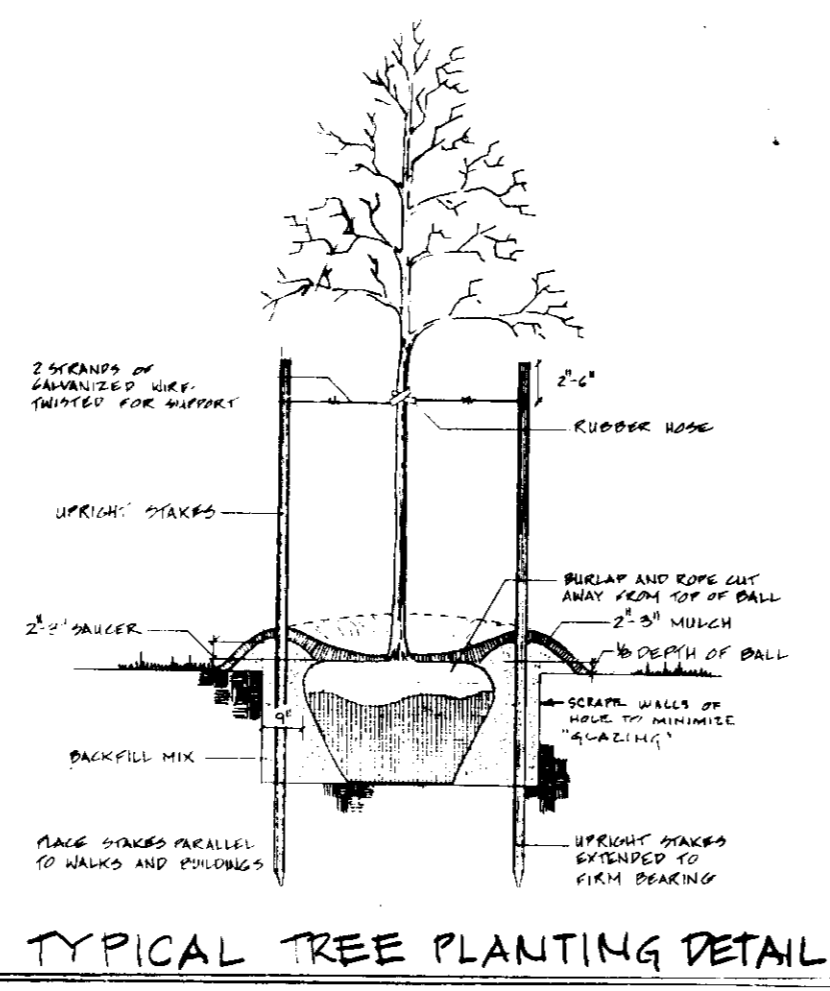
NOTES:

1. Parking Required = _____
2. Parking Provided = 165 (including 4% (8) Handicap)

PLANT SCHEDULE

QTY	TYPE	QTY	SIZE
43	MACK SHADE TREES	43	2 1/2" @ 12' HT
12	ACER RUBRUM OCTOPUS GLORY - OCT GLORY MAPLE		
	ZELKOVA 'VILLAGE GREEN' - VILLAGE GREEN ZELKOVA		
	PLATANUS ACER FOLIA 'BLOODGOOD' LONDON PLANE TREE		
29	FLOWERING TREES	29	6" @ 8-10' HT
18	CORNUS FLORIDA - WHITE PINK BOWWOODS		
	FRAXILIS S. KWANZAN - KWANZAN CHERRY		
	KOELRUTERIA PANICOLATA - GOLDEN RAIN TREE		
118	EVERGREEN TREES	118	6" @ 8' HT
10	PINUS STROBUS - WHITE PINE		
	PINUS THUNBERGII - JAPANESE BLACK PINE		
	TSUGA CANADENSIS - SAUNDIAN HEMLOCK		

NOTE: ALL PLANTING TO BE DONE IN ACCORDANCE WITH COLUMBIA TRD PLANTING SPECIFICATIONS.



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

11-15-89

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

12/27/89

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

9-27-89

OWNER: McGill Development Co. 6430 Dobbins Road Columbia Md. 21045		SUBDIVISION NAME: COLUMBIA CORPORATE PARK PARCEL A-15		TAX MAP NO. 36 ELECTION DISTRICT 0th HOWARD COUNTY, MARYLAND	
DESIGNED: WHI		DRAWN: KIW		CHECKED: WHI	
DATE: 10-31-89		FOR: MARRIOTT CORPORATION MOR BUILDING SUITE 300 250 Research Blvd. Rockville Md. 20850		JOB NO: 89-046 FILE NO: 89-04615	

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINISTREL WAY • COLUMBIA MD 21045 • (410) 381-7500 • BALTO • (301) 621-8100 • WASH

SCALE: 1" = 30'

DRAWING: 6 of 6

SDP-46-33