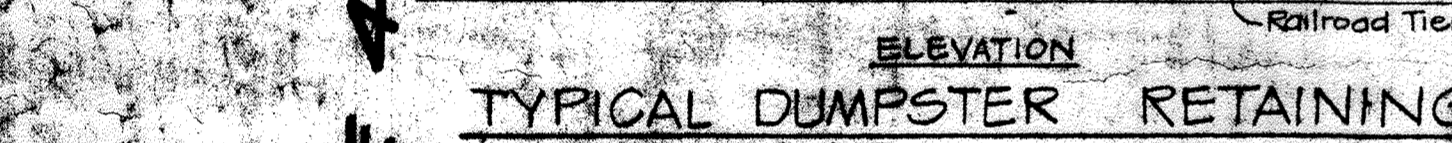
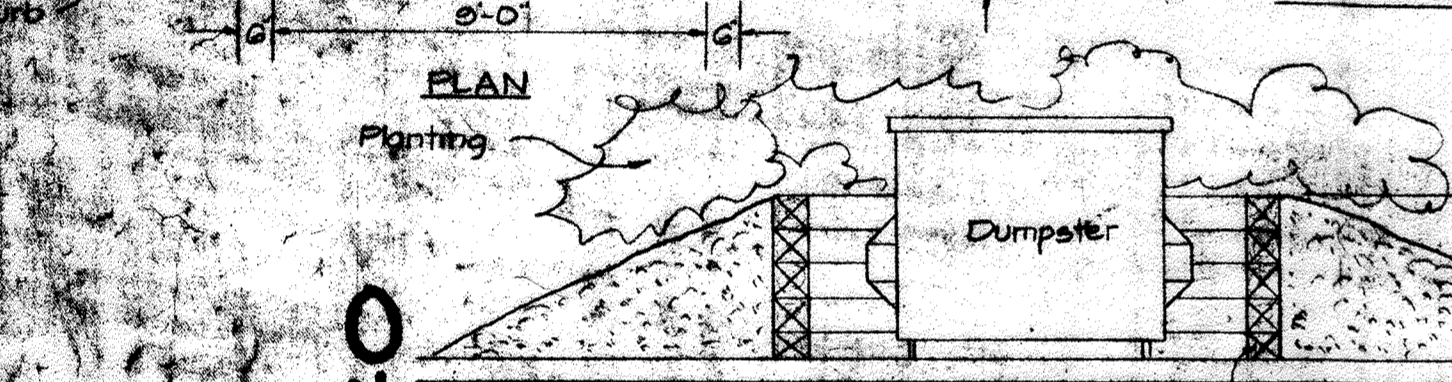
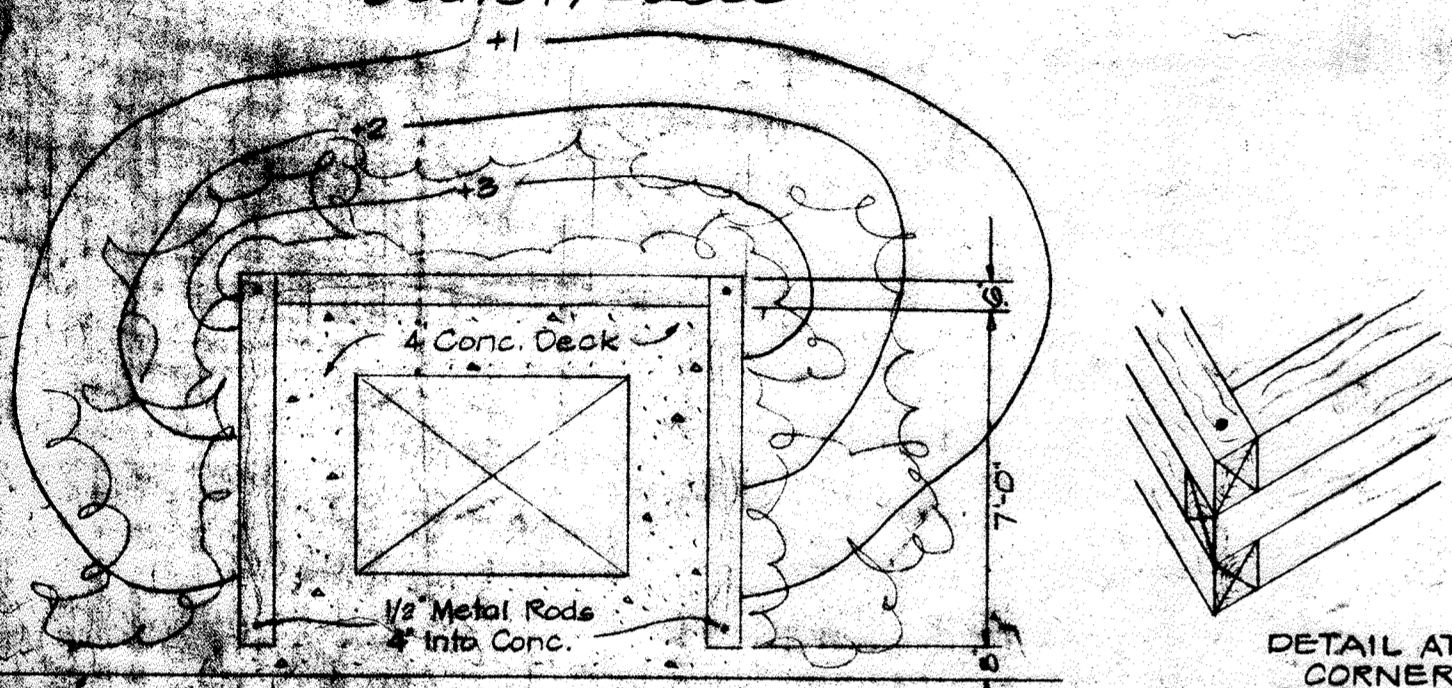
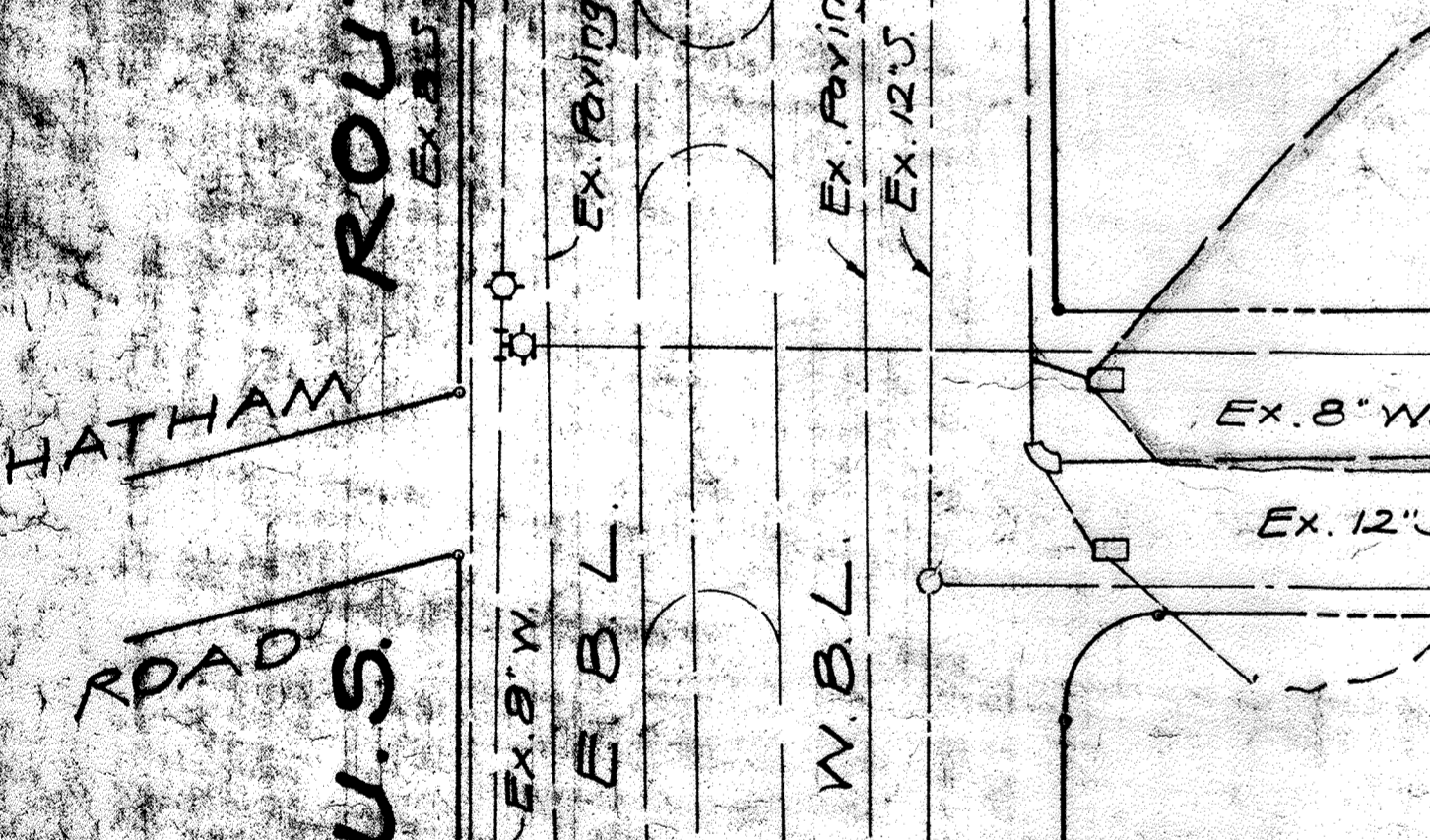


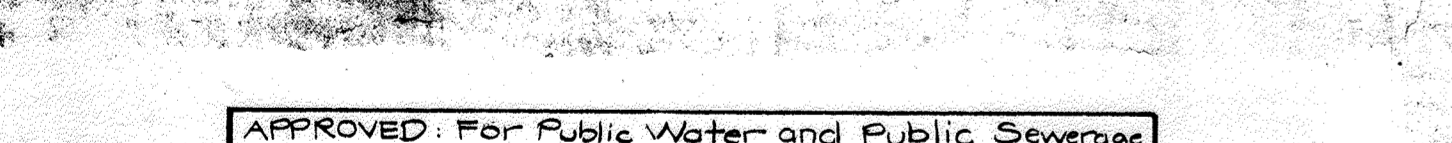
LOCATION PLAN
Scale: 1"=2000'



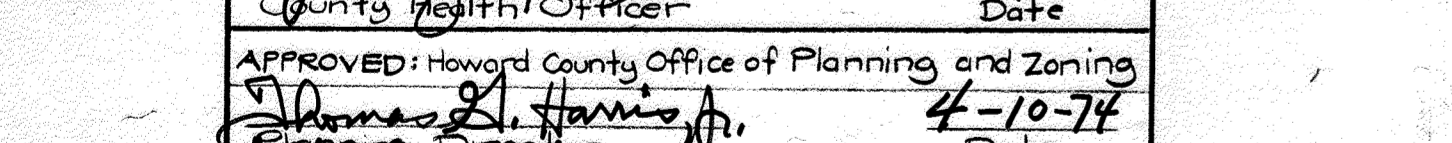
TYPICAL DUMPSTER RETAINING WALL
SCALE: 1/4"=1'-0"



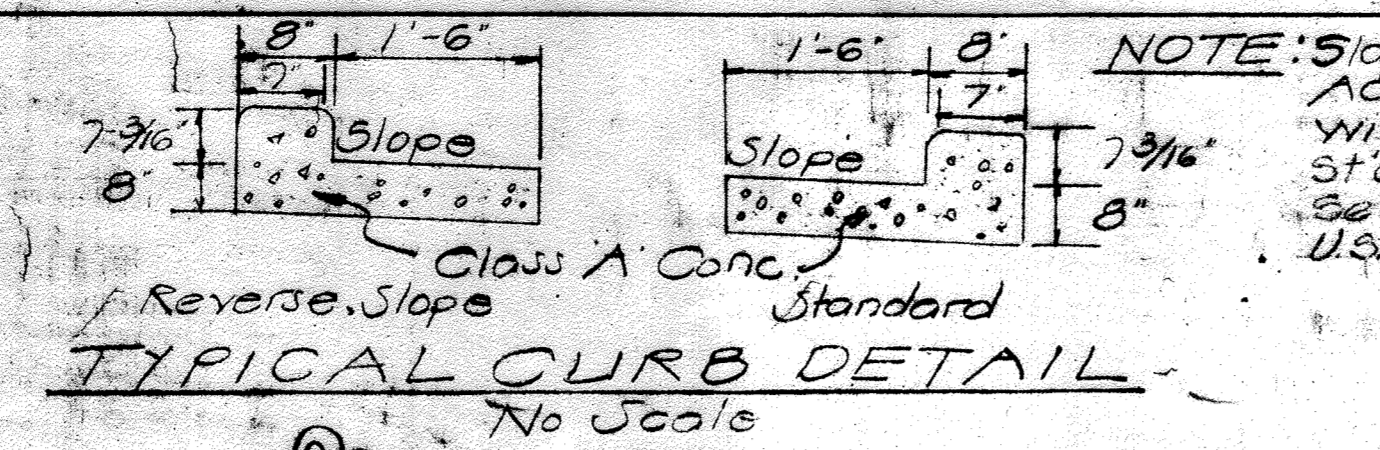
TYPICAL ROAD SECTION
35 M.P.H.
No Scale



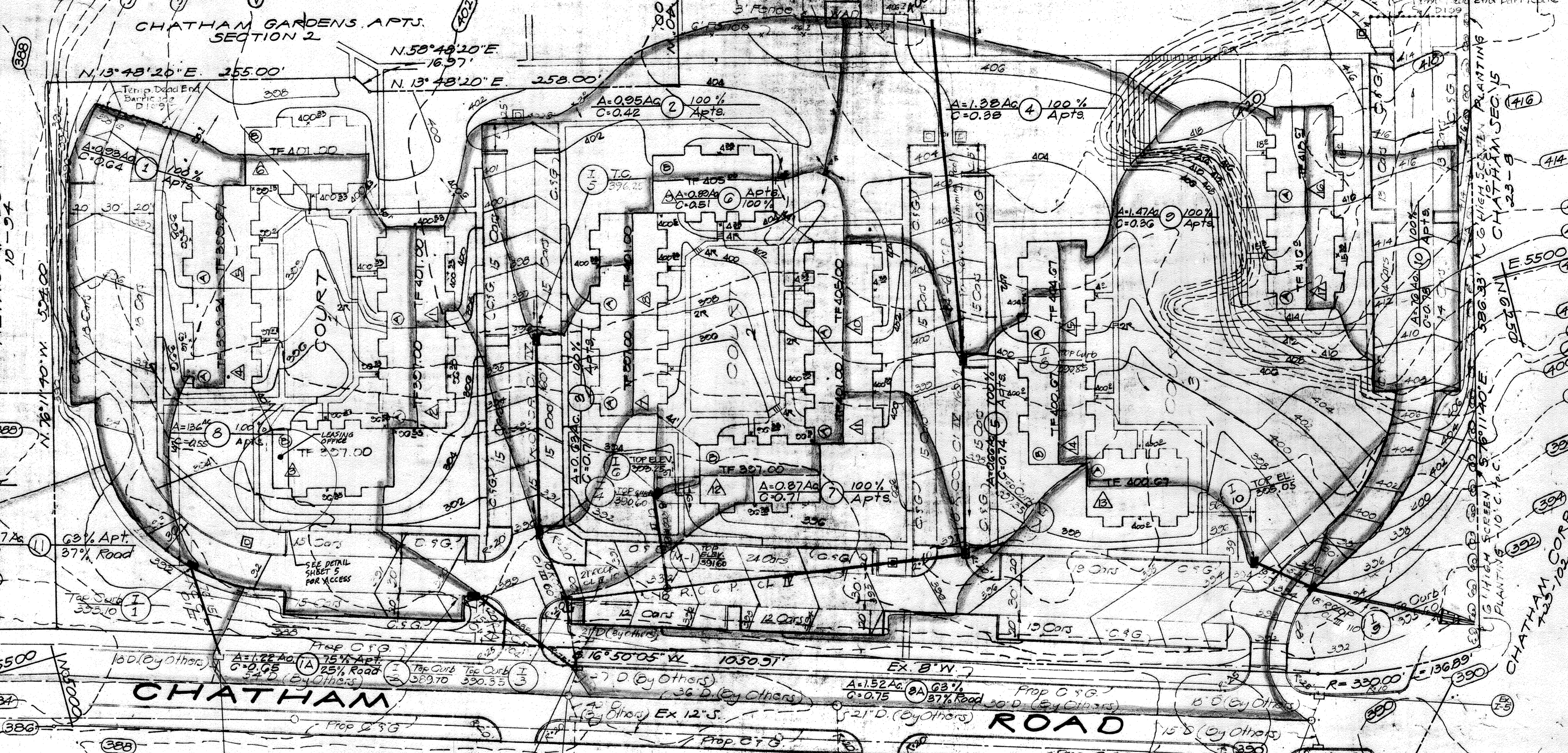
TYPICAL PARKING AREA SECTION
No Scale



BUILDING PROFILE
No Scale



TYPICAL CURB DETAIL
No Scale



LEGEND

1. Ex. Ground Shown Thus: ---
2. Prop. Grade Shown Thus: ---
3. Spot Elev. Shown Thus: ---
4. No. Risers Shown Thus: ---
5. Prop. Drain System Shown Thus: ---
6. A.D.T. Count Shown Thus: ---
7. Dumpster Shown Thus: ---
8. Unit Type: ---
9. Building No. Shown Thus: ---

GENERAL NOTES

1. Tax Map 18 Parcel.
2. Water And Sewer to be Provided For Connections To Existing Mains.
3. Pedestrians Walk-Ways to be Provided In Accordance With Howard County Regulations.
4. All Disturbed Areas if Not Revealed to be Stabilized with Seed or Sod As Soon As Possible.
5. No Fences or Walks Other Than Those Shown Hereon Are to be Permitted.
6. Typical Parking Spaces 20' x 10' = 200 Sq. Ft.
7. All Stop Signs to be Placed As Directed By The Howard County Department of Public Works.
8. Type of Drain Pipe to be As Shown Or Corrugated, Galvanized Steel or Aluminum Pipe.

SHEET INDEX

DESCRIPTION	SHEET NO.
COVER SHEET AND STORM DRAINAGE AREA MAP	1 OF 5
SEDIMENT CONTROL & GRADE PLAN	2 OF 5
SITE DEVELOPMENT PLAN	3 OF 5
STORM DRAIN PLAN	4 OF 5
STORM DRAIN PROFILES & SCHEDULES	5 OF 5

NOTE: Slopes Steeper Than 3:1 Will Be Stabilized In Accordance With "CRITICAL AREA STABILIZATION" With Ground Covers. See PG. 3300 THROUGH 3302. Std. Spec. Soil Erosion & Sediment Control In Urban Areas U.S.D.A. 3.E.S.

AREA OF SITE:
Acres: 14.556 AC.
Sq. Ft.: 634079 Sq. Ft.

UNIT COUNT:
Allowable @ 2800 sq. ft./D.U. = 226
Provided = 190

COVERAGE:
Allowable @ 20% of lot = 125205 Sq. Ft.
Provided @ = 81711 Sq. Ft.

PARKING:
Required @ 15/D.U. = 207
Provided = 326

ZONING:
Total A.D.T. Count = 1287

SITE ANALYSIS

AREA OF SITE: 14.556 AC. / 634079 Sq. Ft.

UNIT COUNT: Allowable @ 2800 sq. ft./D.U. = 226
Provided = 190

COVERAGE: Allowable @ 20% of lot = 125205 Sq. Ft.
Provided @ = 81711 Sq. Ft.

PARKING: Required @ 15/D.U. = 207
Provided = 326

ZONING: Total A.D.T. Count = 1287

NOTE: Truck Coat is Required In Accordance With Sub C-314 Howard County Road Construction Code & Standard Specifications.

TYPICAL PARKING AREA SECTION

5 M.P.H.
No Scale

TYPICAL ROAD SECTION

35 M.P.H.
No Scale

APPROVED

PLANNING BOARD OF HOWARD COUNTY
DATE: 1/9/74
Thomas J. Hamish

APPROVED: For Public Water and Public Sewerage Systems Howard County Health Department
County Health Officer: [Signature] 4/8/74 Date

APPROVED: Howard County Office of Planning and Zoning
Director: [Signature] 4-10-74 Date
Chief, Division of Land Development and Transportation Planning: [Signature] 4/10/74 Date

APPROVED: For Public Water, Public Sewerage and Storm Drainage Systems and Roads Howard County Department of Public Works
Director: [Signature] 4/10/74 Date
Chief, Bureau of Highways: [Signature] 4/10/74 Date

MCA ENGINEERING CORPORATION
1020 CROMWELL BRIDGE RD.
BADTO, MARYLAND 21204

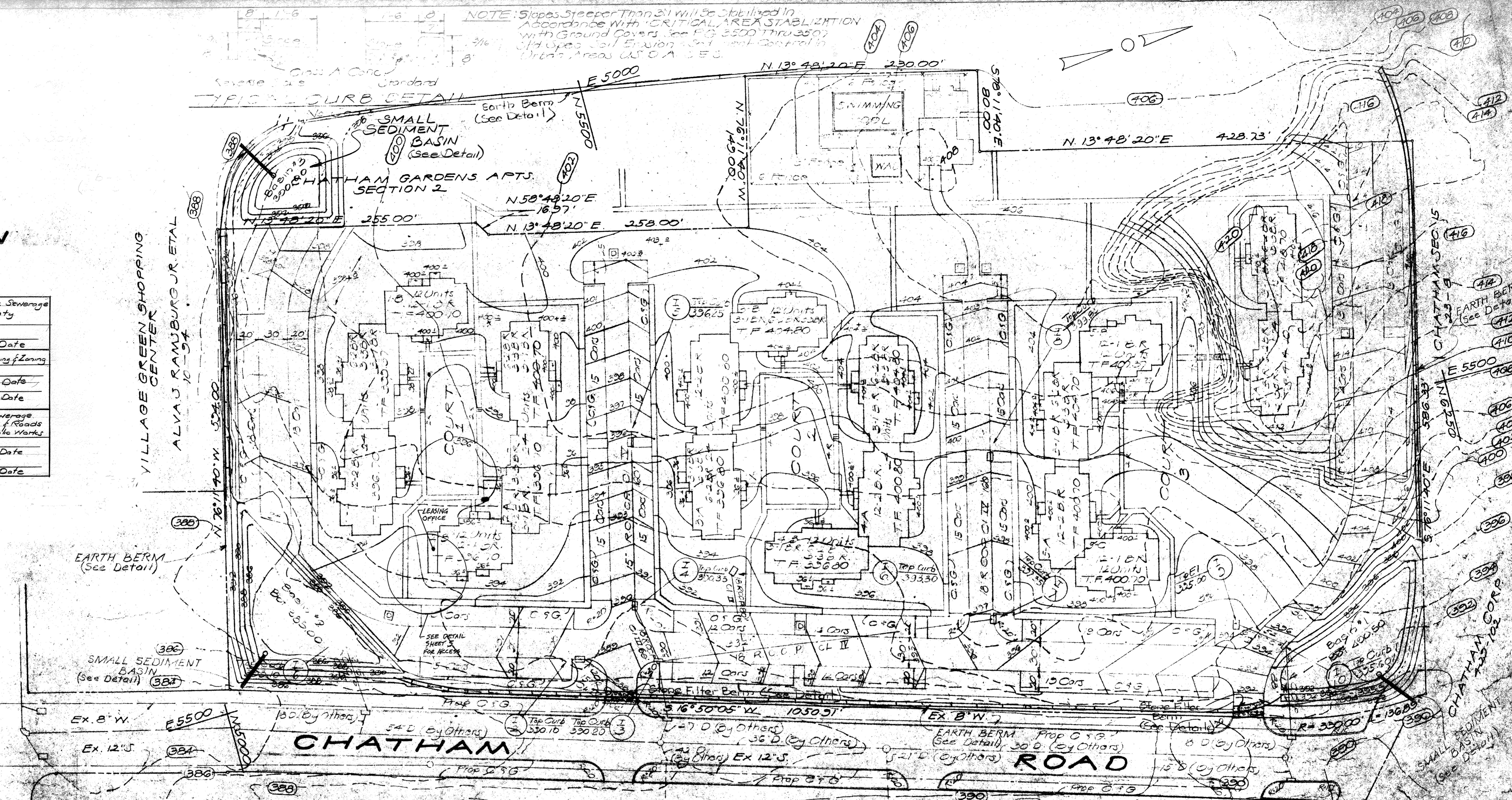
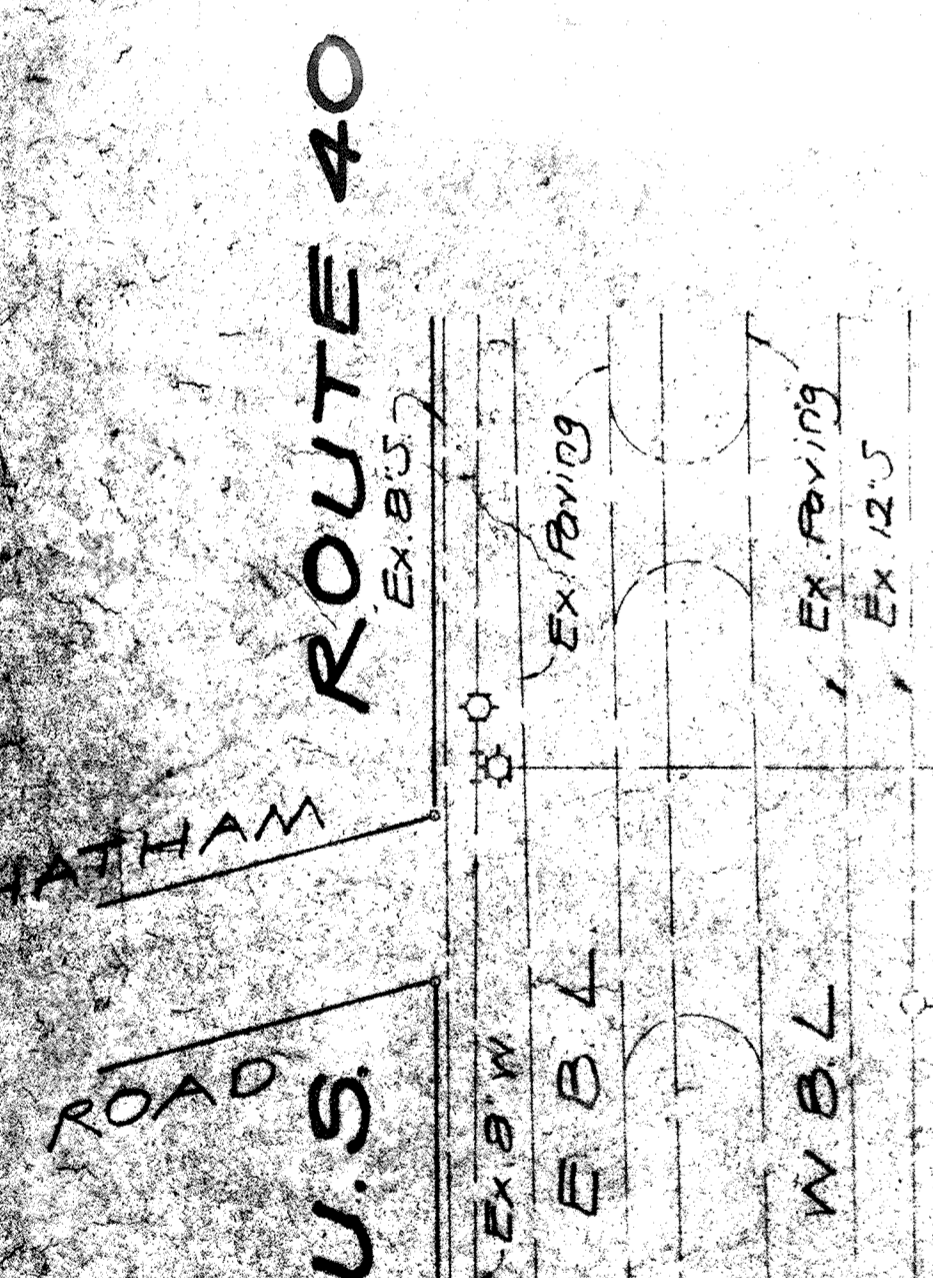
OWNER: PERCON, INC.
CONTEE SAND & GRAVEL CO.
V. LAUREL MD. 20810
DEVELOPER:
CHATHAM APTS. CO.
6229 N. CHARLES ST.

CHATHAM GARDENS APARTMENTS SECTION ONE
HOWARD COUNTY MARYLAND
ELECTION DISTRICT No. 2

STORM DRAINS DRAINAGE AREA MAP
SCALE: 1"=50'
Sheet 1 of 5
SDP 73-97

LOCATION PLAN
Scale: 1"=2000'

Approved: For Public Water & Public Sewerage Systems, Howard County Health Department	
County Health Officer	Date
Approved: Howard County Office of Planning & Zoning	
Planning Director	Date
Chief, Division of Land Development and Transportation Planning	Date
Approved: For Public Water, Public Sewerage and Storm Drainage Systems & Roads, Howard County Department of Public Works	
Director	Date
Chief, Bureau of Highways	Date



LEGEND
Ex. Ground : ---
Prop. Grades : -392

OWNERS CERTIFICATE:
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN OF EROSION & SEDIMENT CONTROL AND I AGREE TO MAINTAIN FEASIBLE ON-SITE EROSION CONTROL MEASURES WITHIN THE DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY TO PREVENT THIS PLAN FROM BEING MADE UNLESS AUTHORIZED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

SEAL Charles Hough SIGNATURE DATE 11/8/74

ENGINEERS CERTIFICATE:
I CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL AND VISIBLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

SEAL Paul Lee SIGNATURE DATE 11/8/74

REVIEWED FOR HOWARD COUNTY AND MEETS TECHNICAL REQUIREMENTS
James M. Nelson DATE 2-1-74
SOIL CONSERVATION SERVICE

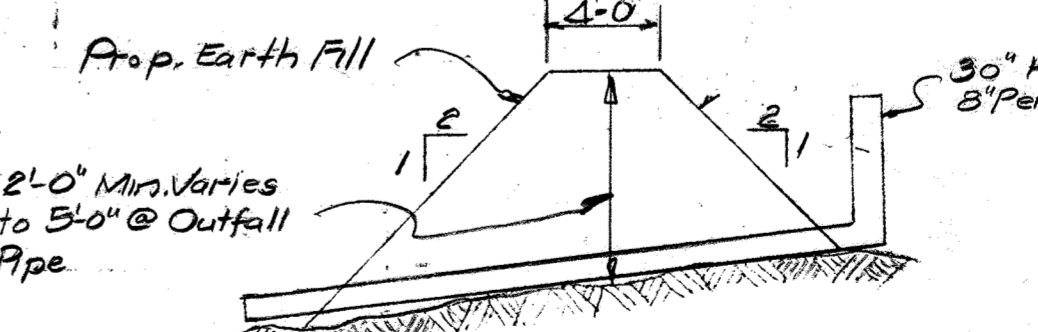
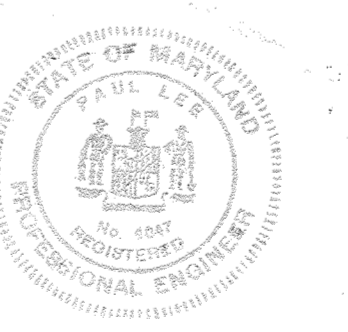
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT
Howard Nelson DATE 2-1-74

- GENERAL NOTES**
1. Tax Map 18 Parcel
 2. Water And Sewer to be Provided For Connections To Existing Mains.
 3. Pedestrians Walk-Ways to be Provided In Accordance with Howard County Regulations.
 4. All Disturbed Areas if Not Paved to be Stabilized with Seed or Sod, As Soon As Possible.
 5. No Fences or Walls Other Than Those Shown Hereon Are to be Permitted.
 6. Typical Parking Space: 20' x 10' = 200 Sq. ft.
 7. All Stop Signs to be Placed As Directed by The Howard County Department of Public Works.
 8. Type of Drain Pipe to be A. Sprown Or Corrugated Galvanized Steel or Aluminum Pipe.
 9. All equipment control measures must be constructed & stabilized prior to any grading.
 10. No Temporary sediment control structure may be removed or destroyed without approval of Howard Soil Conservation District.
 11. Area to be seeded without R/W's shall use a seed mixture As Follows: Annual Rye Grass (20%) Kentucky Blue Grass (20%)

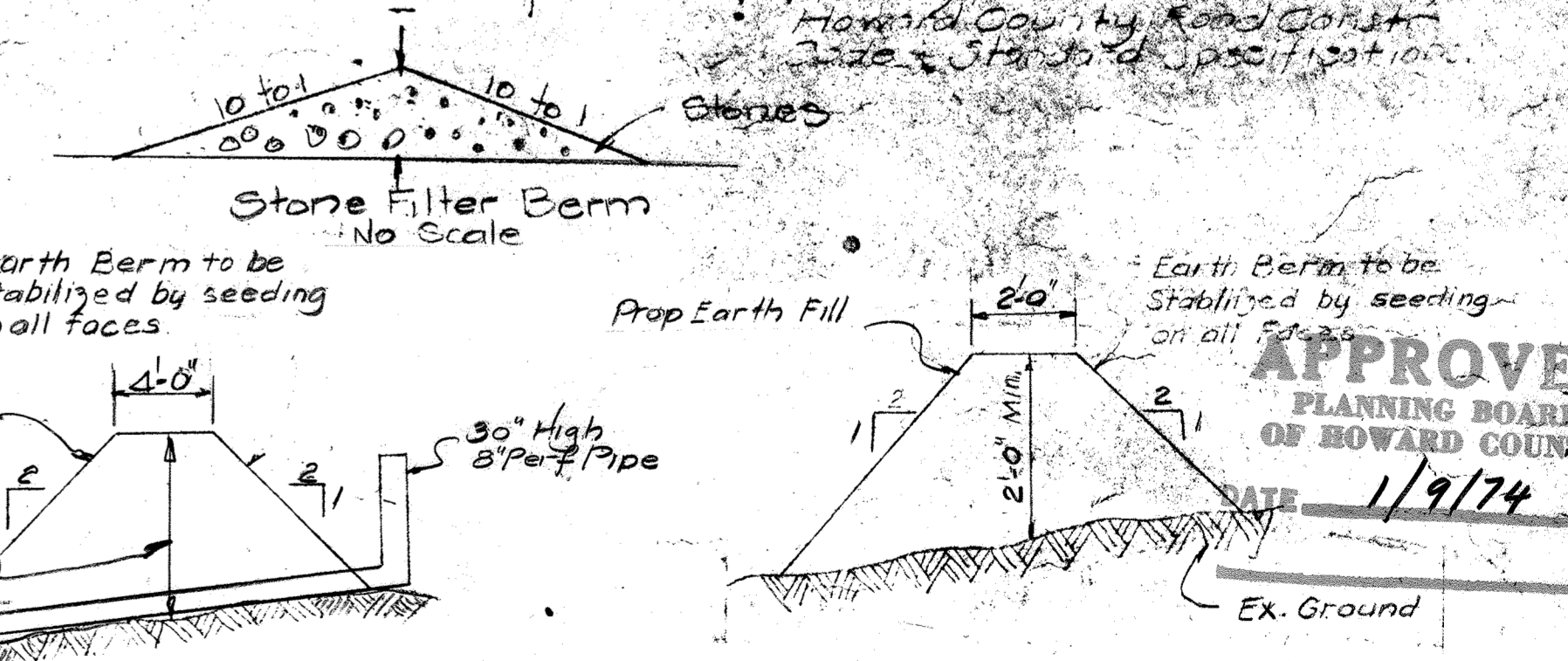
and Kentucky 31 Fescue (60%) at the rate of 200#/A. Saw with Mechanical Spreader Rake, Minimum of two (2) Passes with "York Rake" Cover and Compact with Cultipacker. Surface preparation to include ground limestone over topsoil surface area at the rate of 1 1/4 T/Ac (60-1000) Commercial fertilizer (5-10-10) At the rate of 3/4 T/Ac (35-1000) and Superphosphate at the rate of 600#/A (15-1000).

12. Soil Conservation District to be notified 24 hours prior to start of construction.
13. Cap Storm Drain until paving is completed.

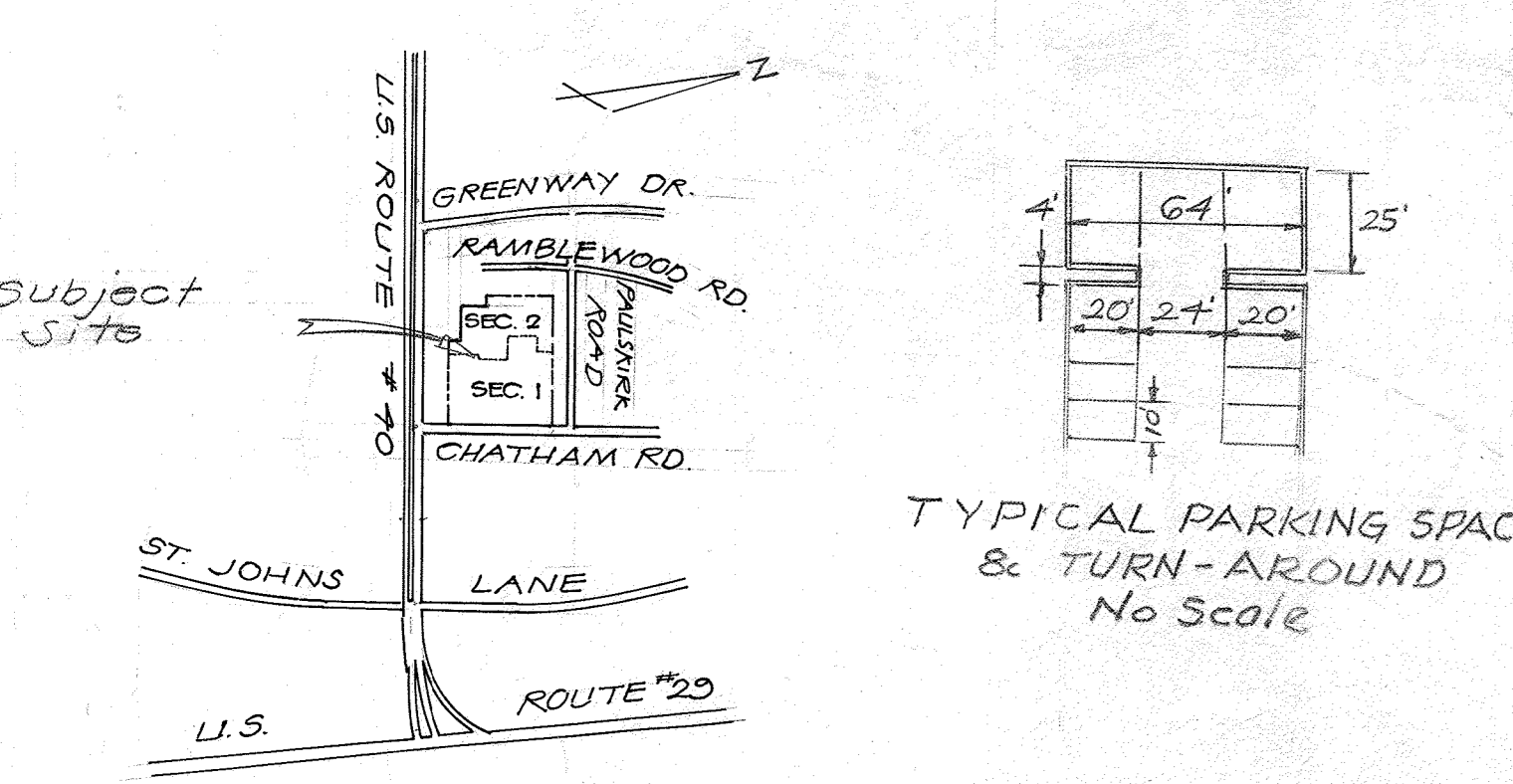
- SCHEDULE OF SITE CONSTRUCTION**
1. Grading of site and preparation of sediment control basins & berms.
 2. Seed and mulch both sides of berm.
 3. Place crusher run sub base for paved areas.
 4. Construct on-site storm drain system.
 5. Construction of buildings.
 6. Stabilize all disturbed areas around buildings.
 7. Remove sediment Basin & Berms & stabilize area.



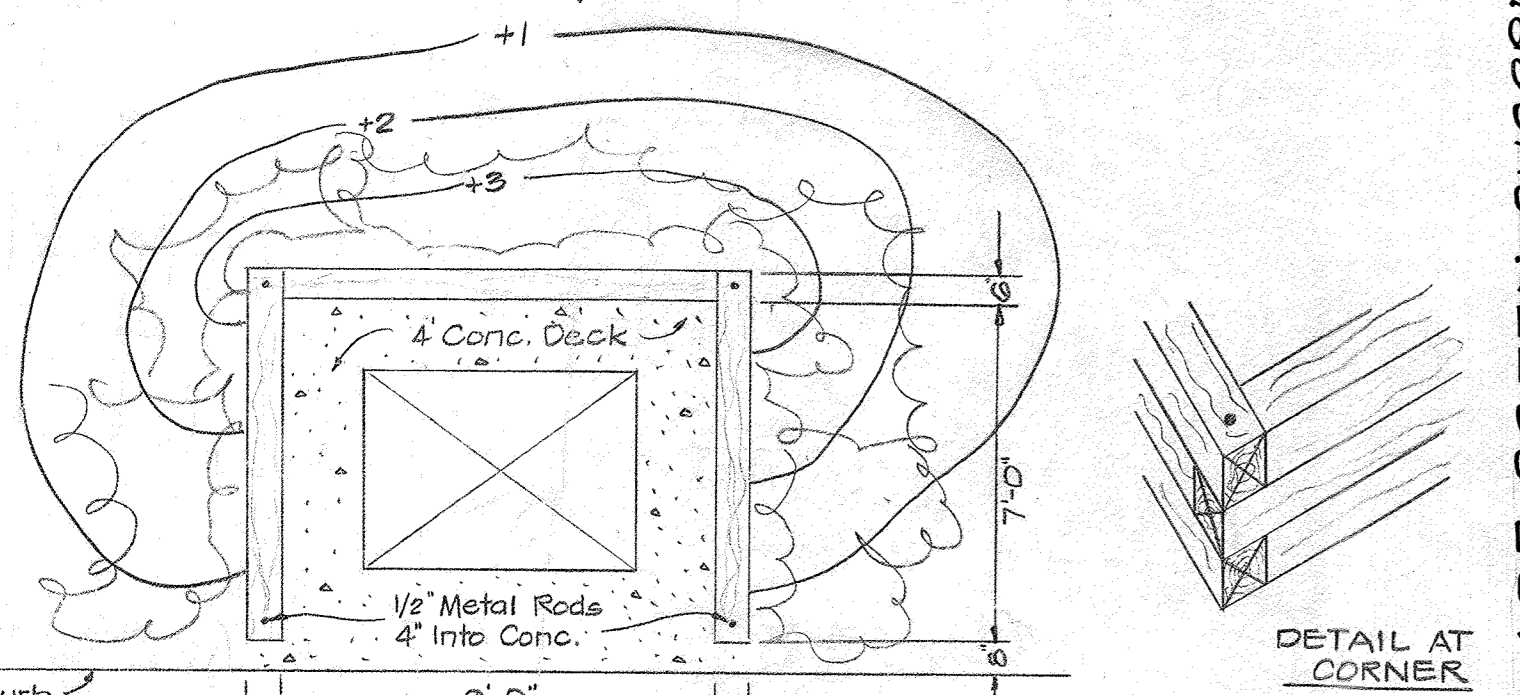
DETAIL OF SMALL SEDIMENT BASIN
No Scale



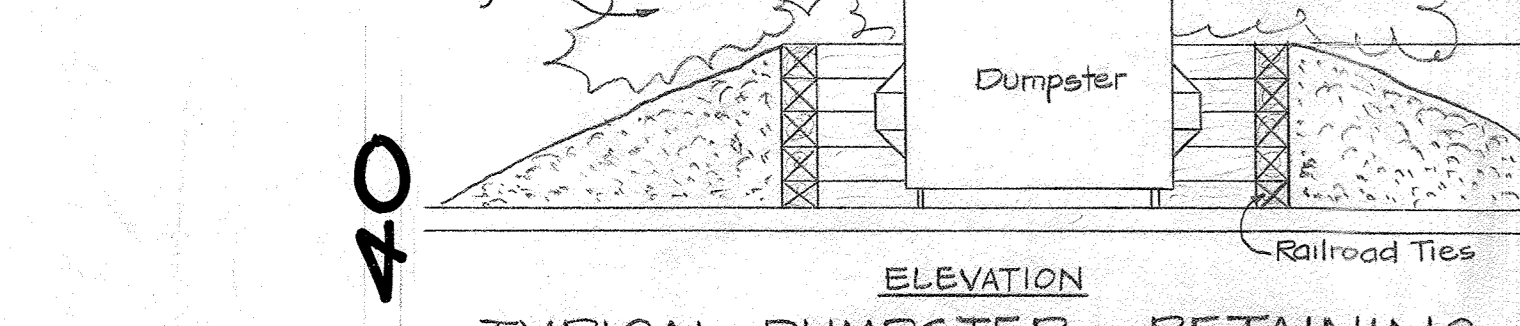
DETAIL OF EARTH BERM
No Scale



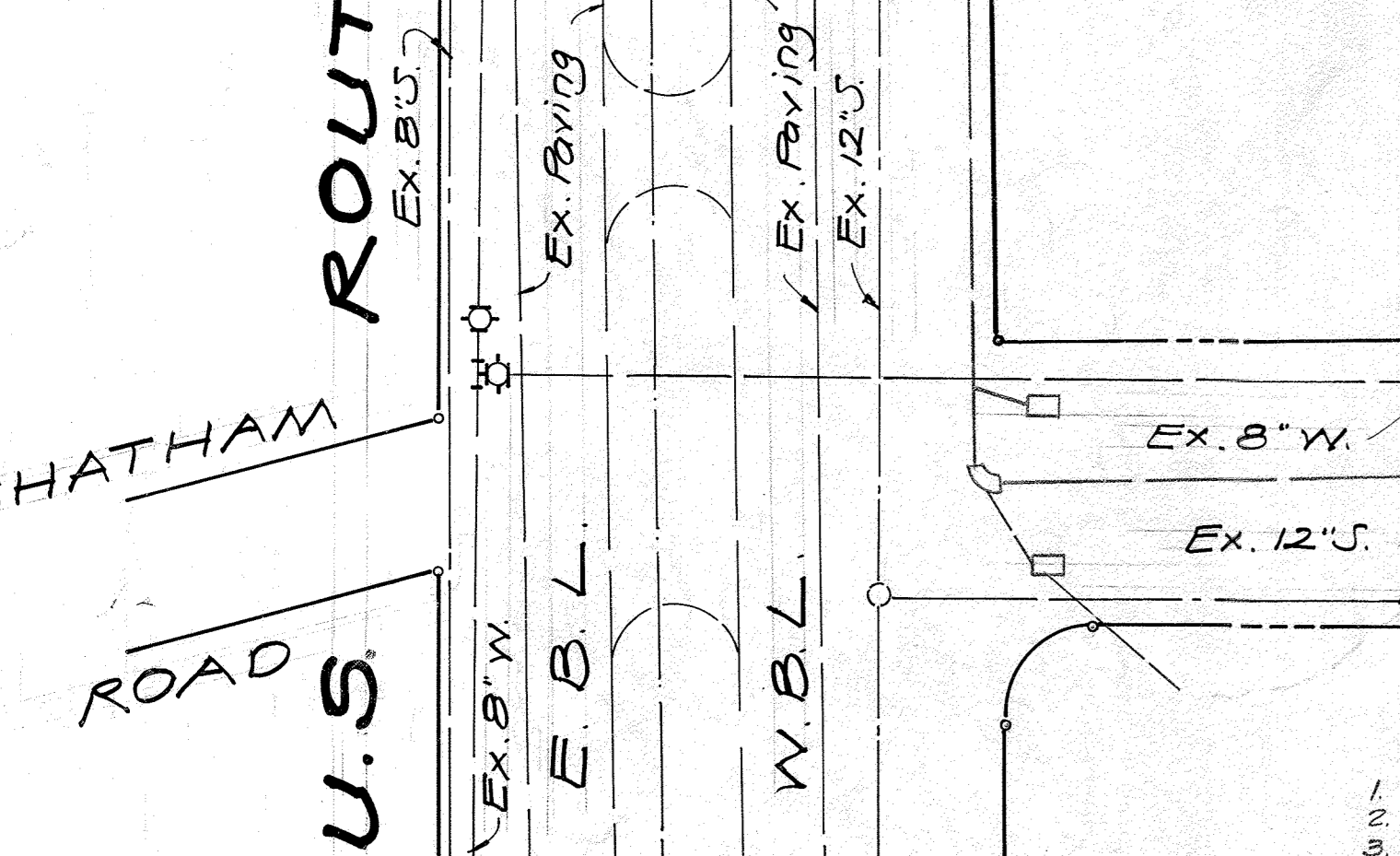
LOCATION PLAN
Scale: 1"=2000'



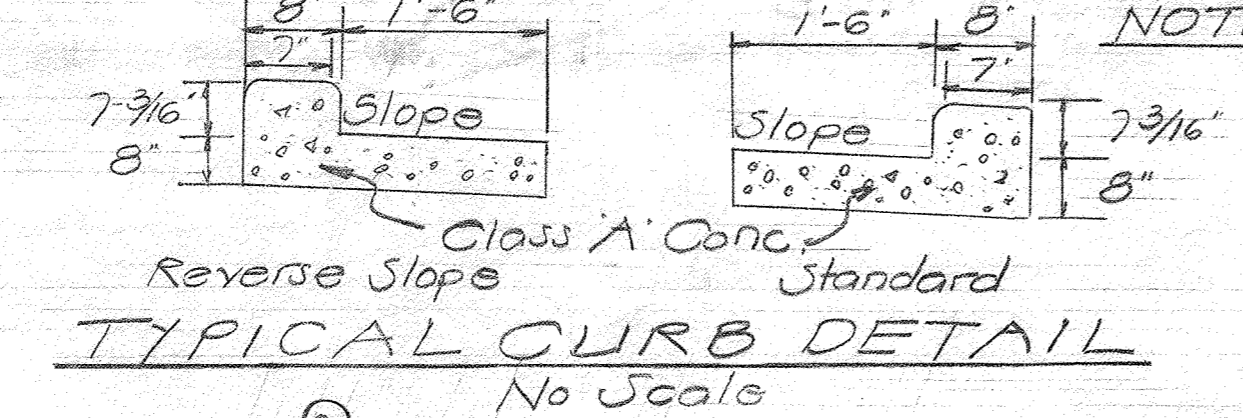
DETAIL AT CORNER
Scale: 1"=1'-0"



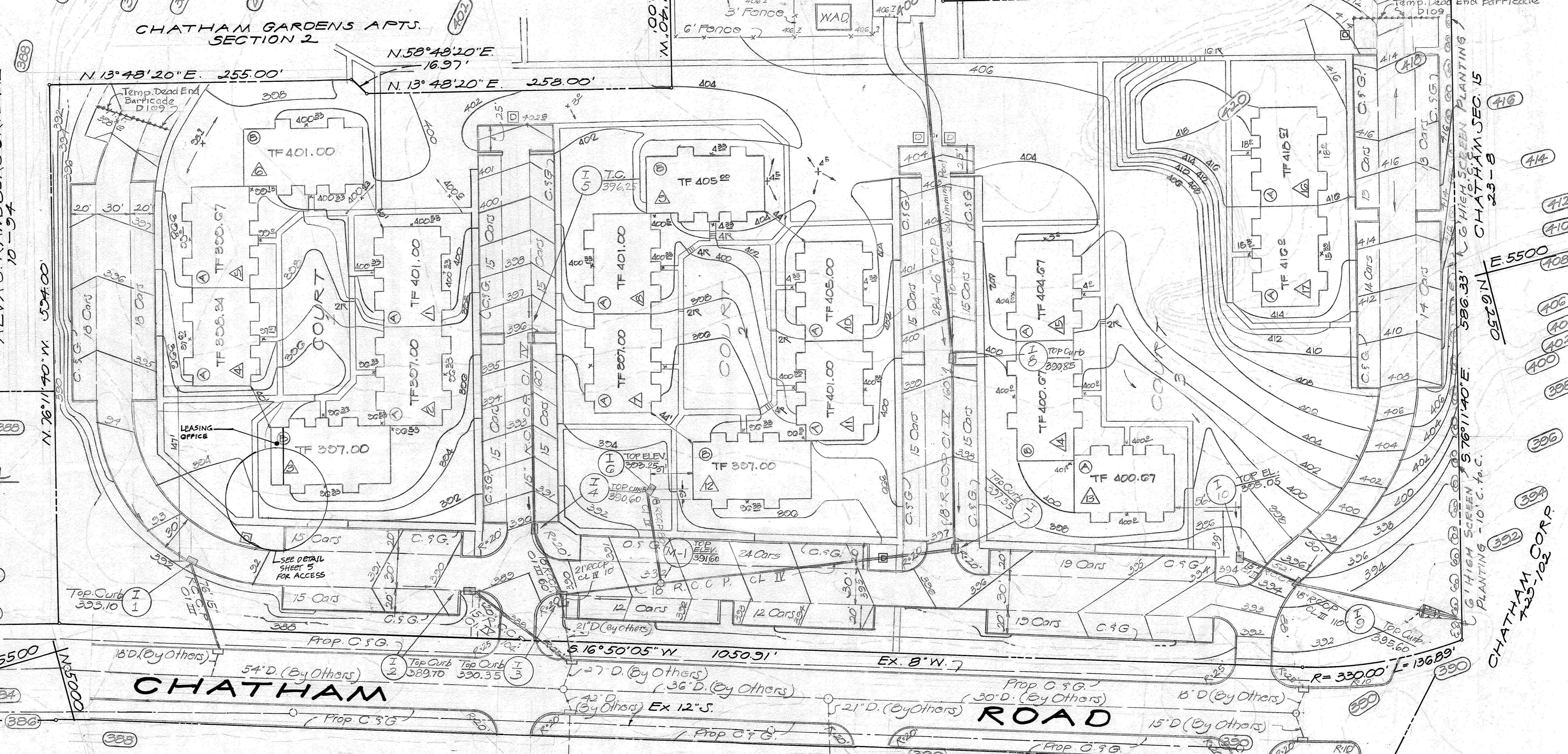
TYPICAL DUMPSTER RETAINING WALL
Scale: 1/4"=1'-0"



ROUTE 40
Scale: 1"=50'



TYPICAL CURB DETAIL
No Scale



CHATHAM GARDENS APTS. SECTION 2

- LEGEND**
1. Ex. Ground Shown Thus: -300-
 2. Prop. Grade Shown Thus: -400-
 3. Spot Elev. Shown Thus: +400
 4. No. Risers Shown Thus: 1-12
 5. Prop. Drain System Shown Thus: 1/2" x 1/2" End Wall
 6. A.D.T. Count Shown Thus: 0
 7. Dumpster Shown Thus: [Symbol]
 8. Unit Type: [Symbol]
 9. Building No. Shown Thus: [Symbol]

GENERAL NOTES

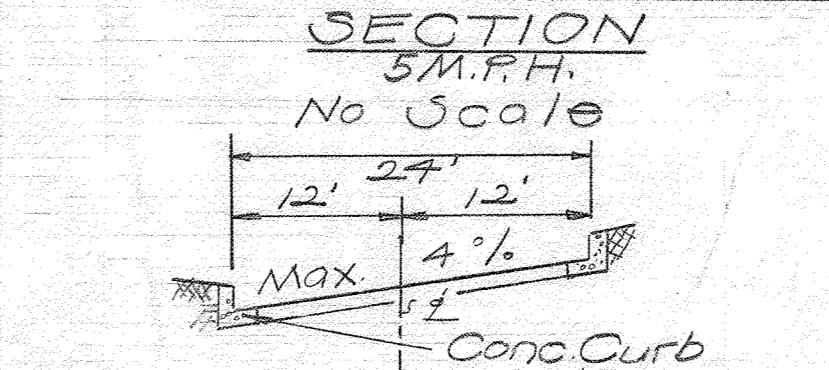
1. Tax Map 18 Parcel.
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3. Pedestrians Walk-Ways to be Provided In Accordance With Howard County Regulations.
4. All Disturbed Areas if Not Paved to be Stabilized with seed or sod as soon as possible.
5. No Fences or Walks Other Than Those Shown Hereon Are to be Permitted.
6. Typical Parking Spaces 20' x 10' = 200 Sq. Ft.
7. All Stop Signs to be Placed As Directed By The Howard County Department of Public Works.
8. Type of Drain Pipe to be As Shown, Or Corrugated, Galvanized Steel or Aluminum Pipe.

NOTE: Slopes Steeper Than 3:1 Will Be Stabilized In Accordance With "CRITICAL AREA STABILIZATION" With Ground Covers. See P.G. 3500 Thru 3507 5th Spec. Soil Erosion & Sediment Control In Urban Areas U.S.D.A. S.E.S.

SITE ANALYSIS

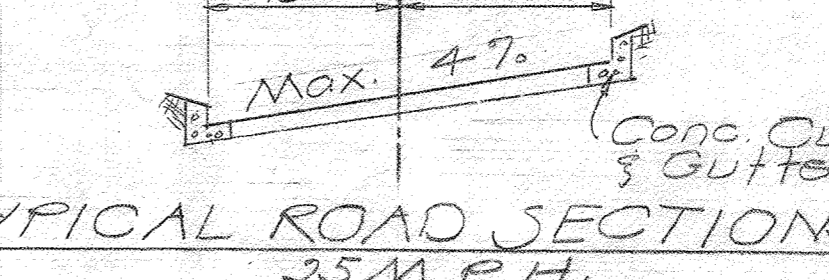
AREA OF SITE:	Acres	14.556 Ac.
	Sq. Ft.	634079 Sq. Ft.
UNIT COUNT:	Allowable @ 2800 "/D.U.	226
	Provided	100
	No. of One Bedroom Units	66
	Area of Smallest 1 Bedroom Units	848 Sq. Ft.
	No. of Two Bedroom Units	102
	Area of Smallest 2 Bedroom Units	1080 Sq. Ft.
	No. of Three Bedroom Units	30
	Area of Smallest 3 Bedroom Units	1210 Sq. Ft.
COVERAGE:	Allowable @ 20% of lot	125205 Sq. Ft.
	Provided @	81711 Sq. Ft.
PARKING:	Required @ 1.5/D.U.	207
	Provided	226
ZONING:	Total A.D.T. Count	1287

TYPICAL PARKING AREA SECTION



TYPICAL PARKING AREA SECTION
No Scale

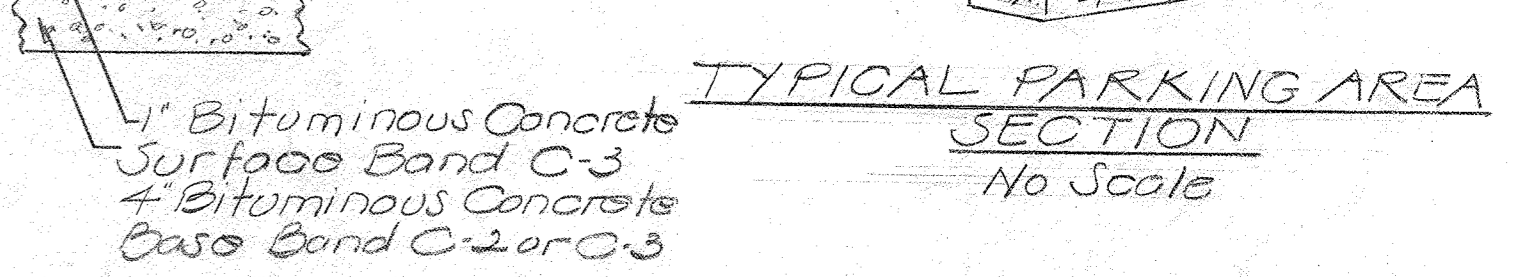
TYPICAL ROAD SECTION



TYPICAL ROAD SECTION
No Scale

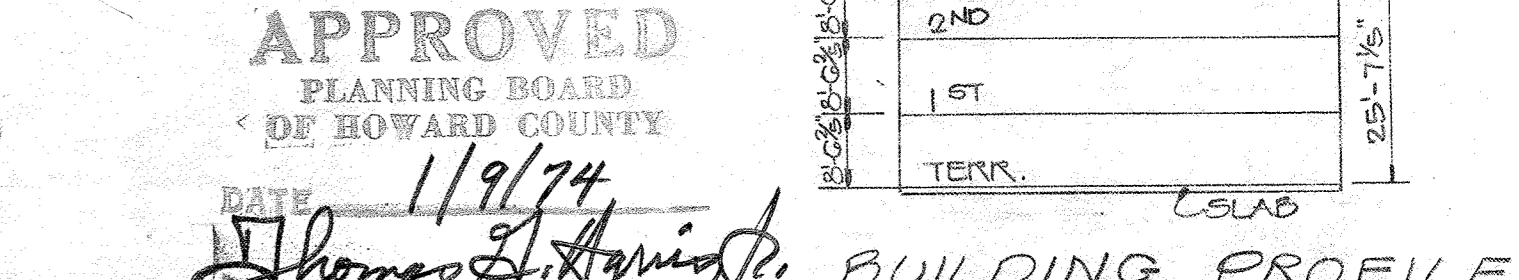
NOTE: Tack Coat is Required In Accordance With Sect. C-3-14, Howard County Road Constr. Code & Standard Specifications.

TYPICAL PARKING AREA SECTION



TYPICAL PARKING AREA SECTION
No Scale

TYPICAL ROAD SECTION



TYPICAL ROAD SECTION
No Scale

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 11/9/74
THOMAS L. HANCOCK

BUILDING PROFILE
No Scale

APPROVED: For Public Water and Public/Sewerage Systems, Howard County, Health Department
Date: 4/8/74
County Health Officer

APPROVED: Howard County Office of Planning and Zoning
Date: 4-10-74
Planning Director

APPROVED: For Public Water, Public Sewerage and Storm Drainage System and Roads
Howard County Department of Public Works
Date: 4/17/74
Director

Date	Revision	BY
12/15/73	ADD LEASING OFFICE AND ACCESS	VE+TC
1/24/74	Alignment from E-9 to Roadway	N&C

OWNER: PERCON, INC.
CONTEE SAND & GRAVEL CO.
LAUREL MD. 20810

DEVELOPER:
CHATHAM APTS. CO.
6229 N. CHARLES ST.

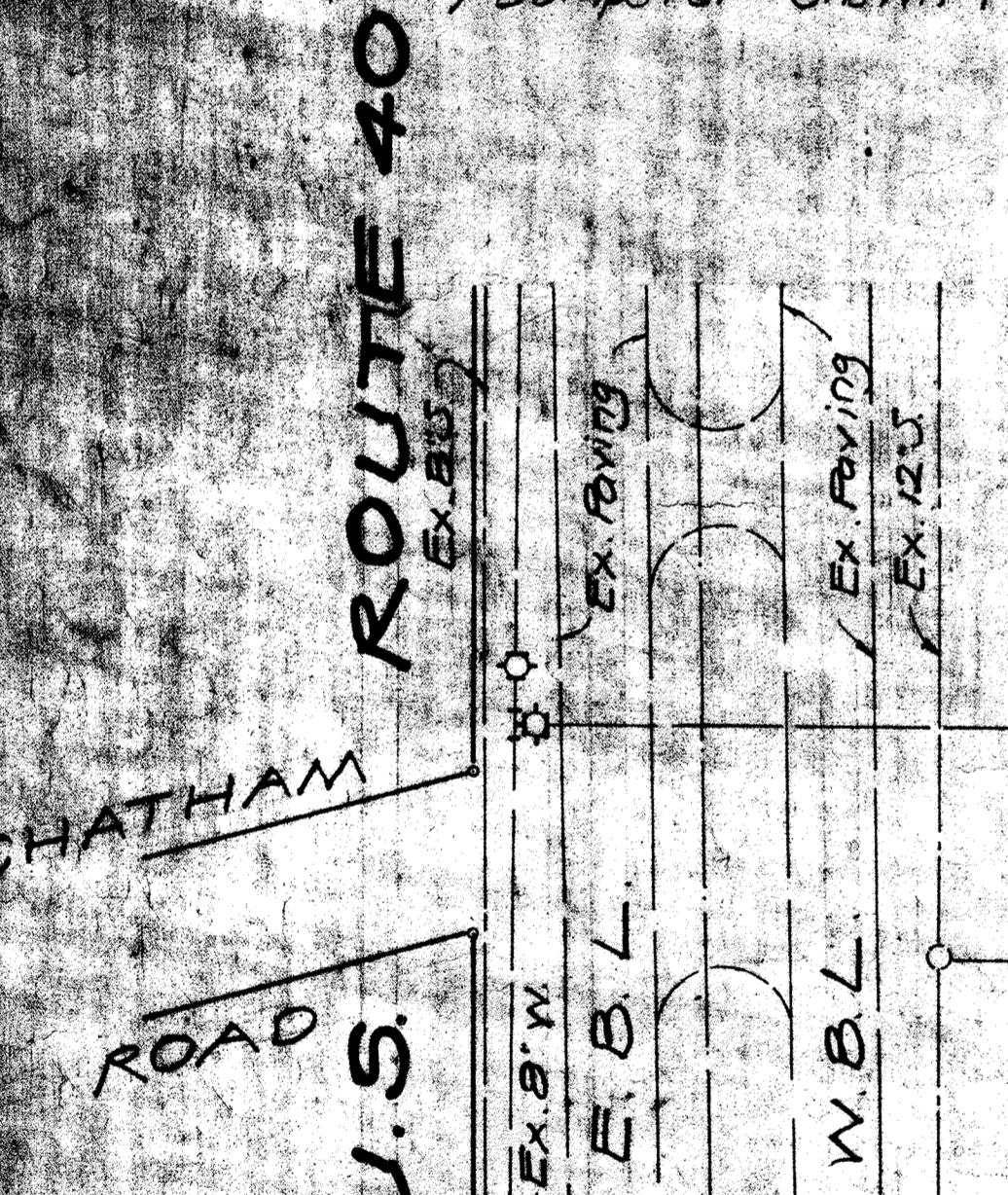
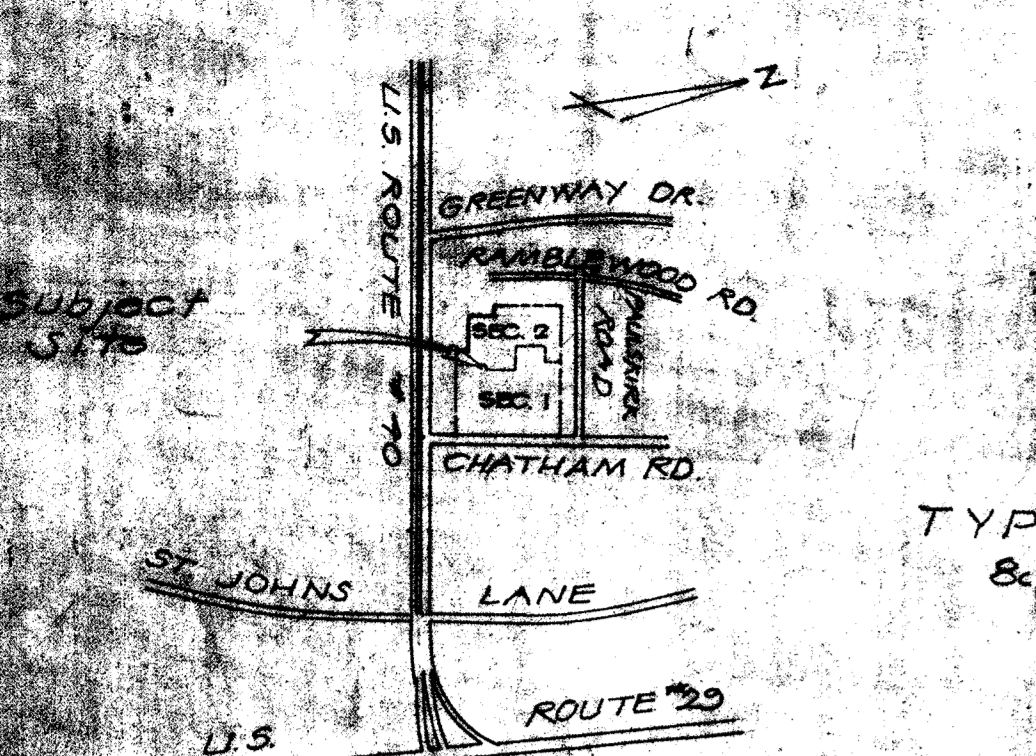
CHATHAM GARDENS APARTMENTS SECTION ONE
HOWARD COUNTY MARYLAND
ELECTION DISTRICT No. 2

SITE DEVELOPMENT PLAN
SCALE: 1"=50'
Sheet 3 of 5
SAP73-97

MCA ENGINEERING CORPORATION
1020 CROMWELL BRIDGE RD.
BALTO, MARYLAND 21204



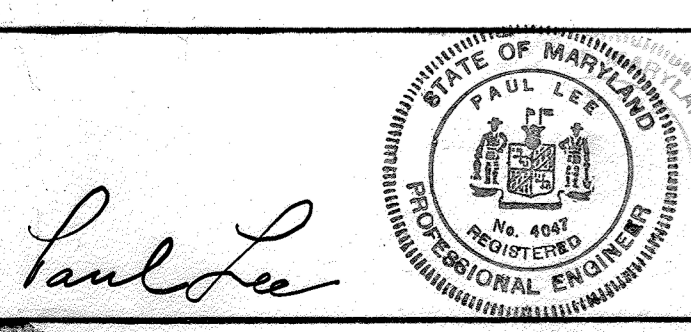
LOCATION PLAN
Scale: 1"=2000'



APPROVED: For Public Water and Public Sewerage Systems, Howard County Health Department
 County Health Officer
 Date: 4/8/74

APPROVED: Howard County Office of Planning and Zoning
 Planning Director
 Date: 4/10/74

APPROVED: For Public Water, Public Sewerage and Storm Drainage System and Roads
 Howard County Department of Public Works
 Director
 Date: 4/2/74



MCA ENGINEERING CORPORATION
 1020 CROMWELL BRIDGE RD
 BALTO, MARYLAND 21204

OWNER: PERCON, INC.
 CONTEE SAND & GRAVEL CO.
 LAUREL, MD 20801

DEVELOPER:
 CHATHAM APTS. CO.
 6229 N CHARLES ST

CHATHAM GARDENS APARTMENTS
 SECTION ONE
 HOWARD COUNTY MARYLAND

ELECTION DISTRICT No. 2

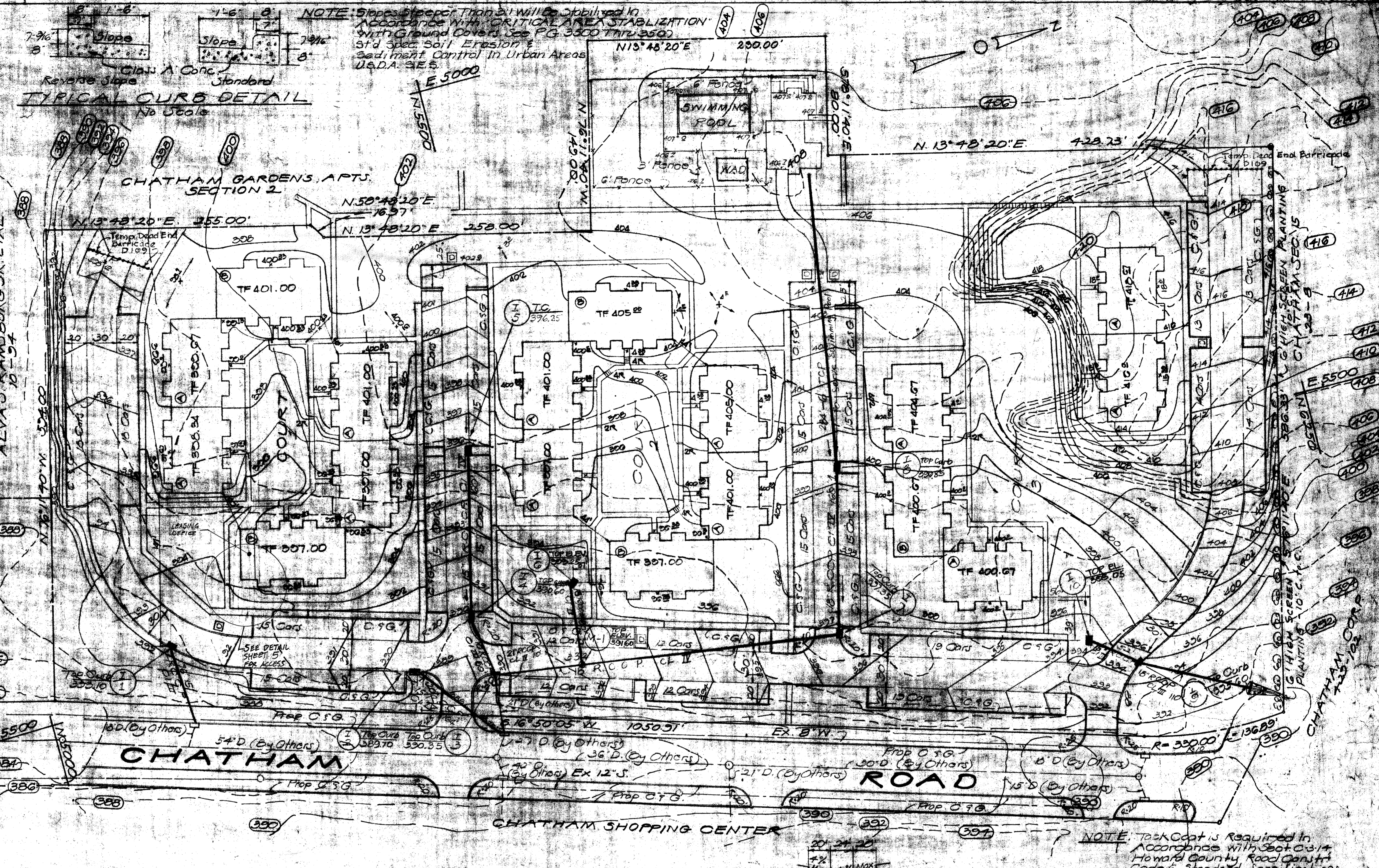
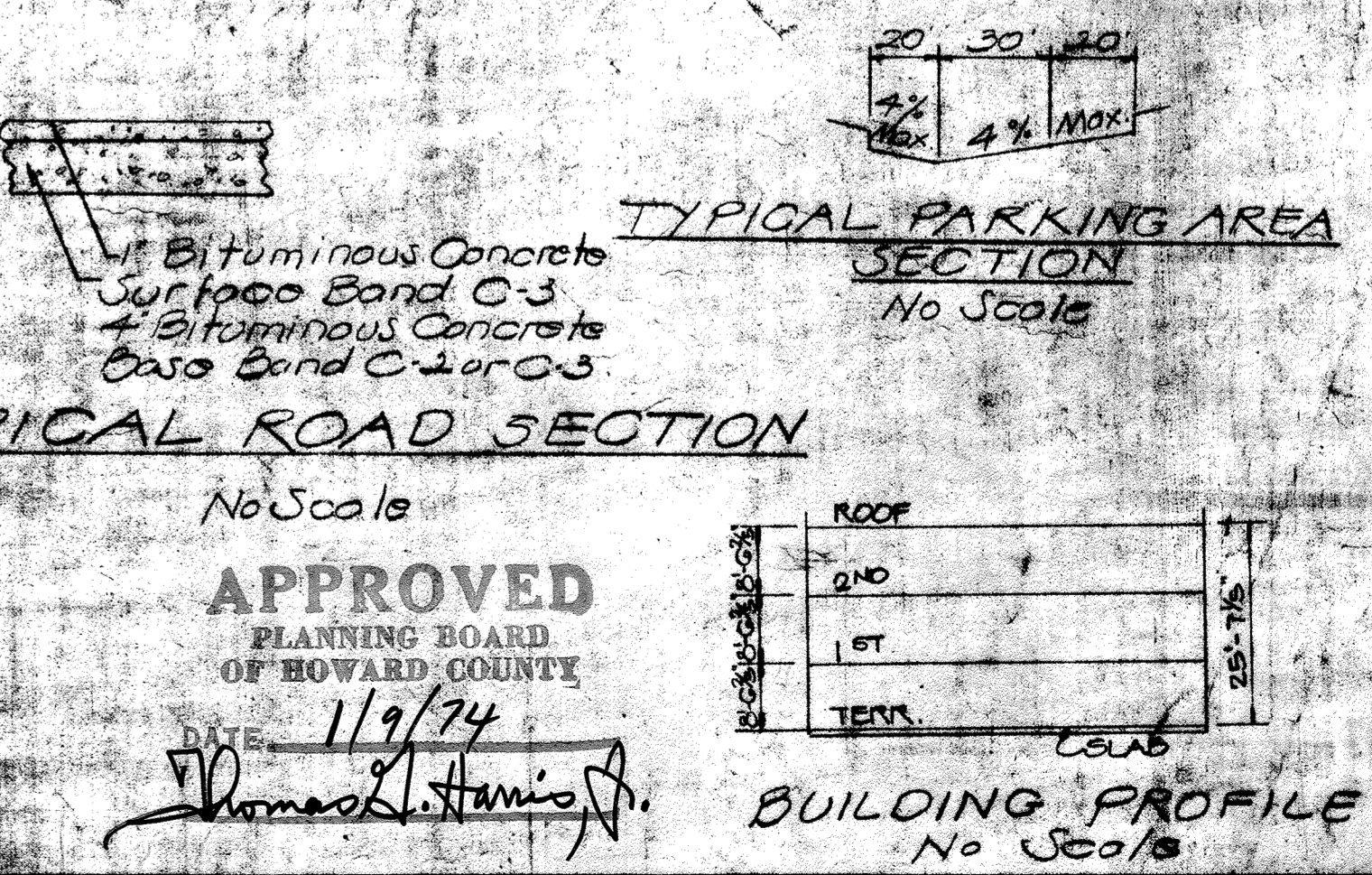
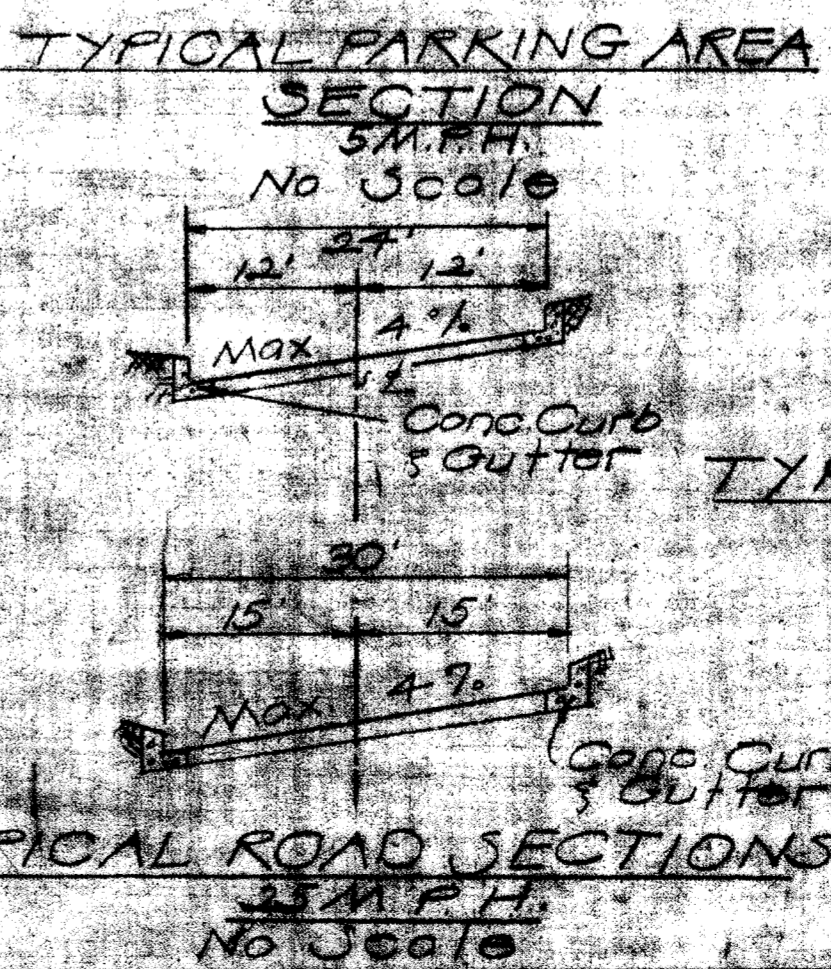
STORM DRAIN PLAN
 SCALE: 1"=50'

Sheet 4 of 5
 SDP 75-97

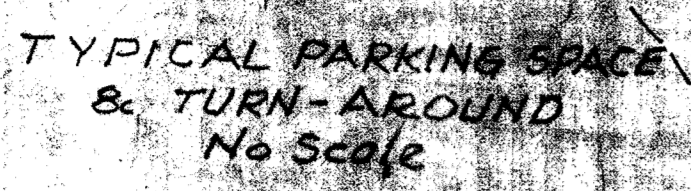
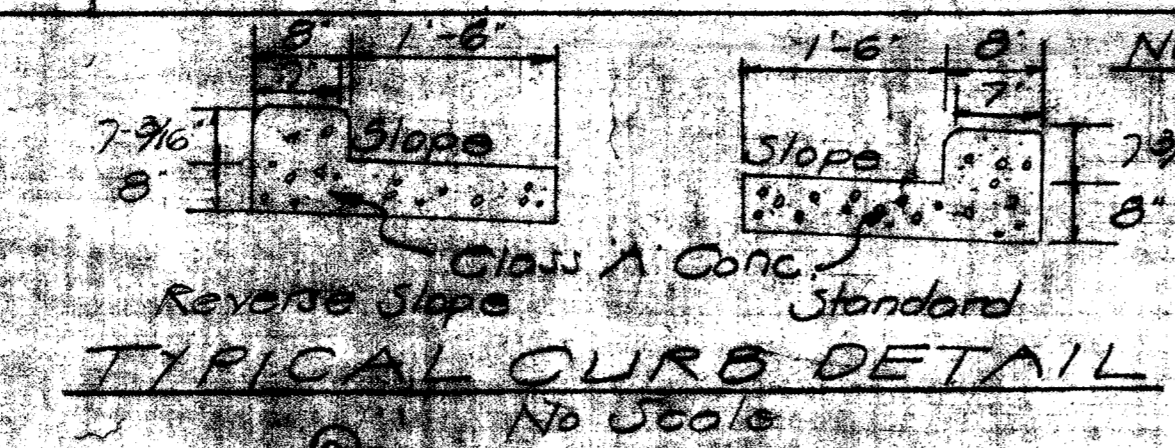
- GENERAL NOTES**
1. Tax Map 18 Parcel
 2. Water And Sewer to be Provided For Connections to Existing Mains
 3. Pedestrian Walk Ways to be Provided in Accordance with Howard County Regulations
 4. All Disturbed Areas if Not Paved to be Stabilized with Seed or Sod as Soon as Possible
 5. No Fences or Walls Other Than Those Shown Hereon are to be Permitted
 6. Typical Parking Spaces 30'x10' - 200 Sq. Ft.
 7. All Stop Signs to be Placed As Directed by the Howard County Department of Public Works
 8. Type of Drain Pipe to be As Shown, Or Corrugated Galvanized Steel or Aluminum Pipe

SITE ANALYSIS

AREA OF SITE:	Acres	14.556
	Sq. Ft.	634079
UNIT COUNT:	Allowable @ 2800'±/0.U.	226
	Provided	100
	No. of One Bedroom Units	66
	Area of Smallest 1 Bedroom Units	648 Sq. Ft.
	No. of Two Bedroom Units	102
	Area of Smallest 2 Bedroom Units	1020 Sq. Ft.
	No. of Three Bedroom Units	30
	Area of Smallest 3 Bedroom Units	1210 Sq. Ft.
COVERAGE:	Allowable @ 20% of lot	125205 Sq. Ft.
	Provided	87410 Sq. Ft.
PARKING:	Required @ 1.5/0.U.	207
	Provided	326
ZONING:		R-4H
	Total A.D.T. Count	1365

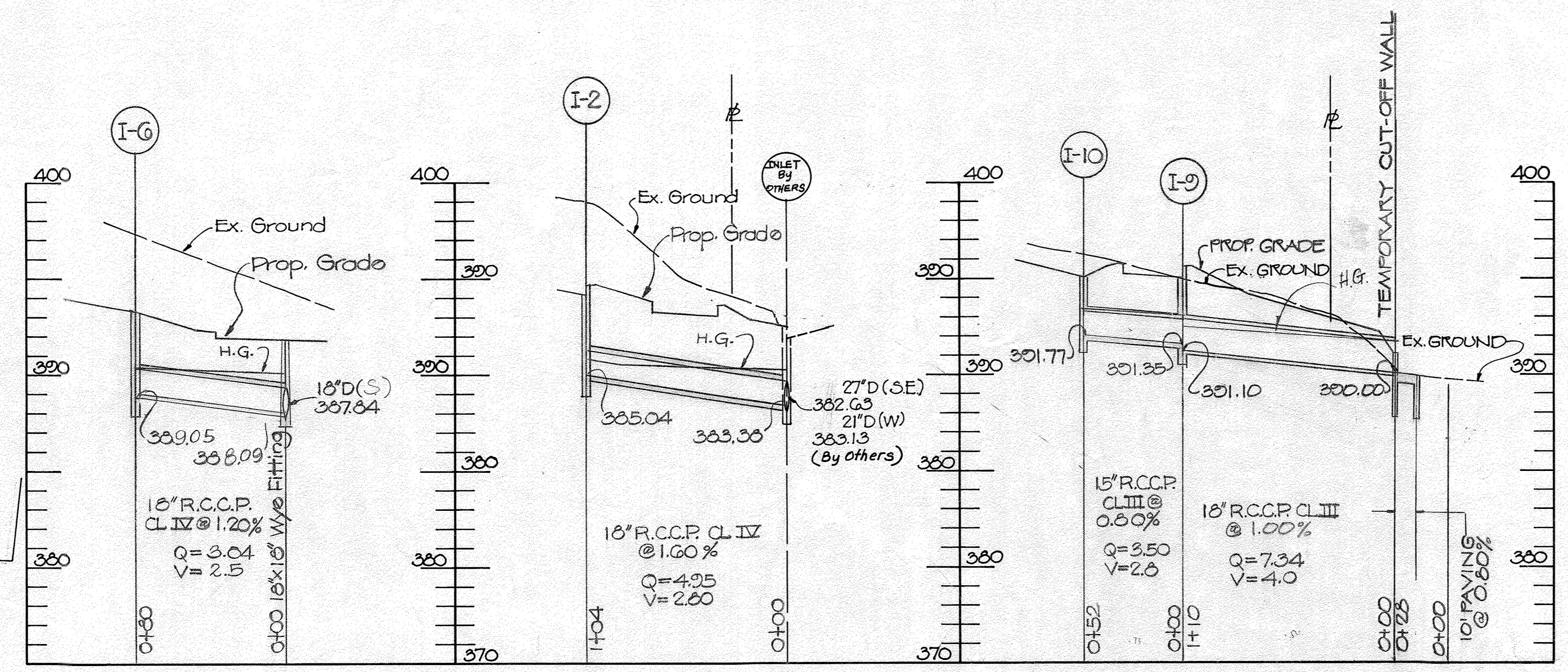
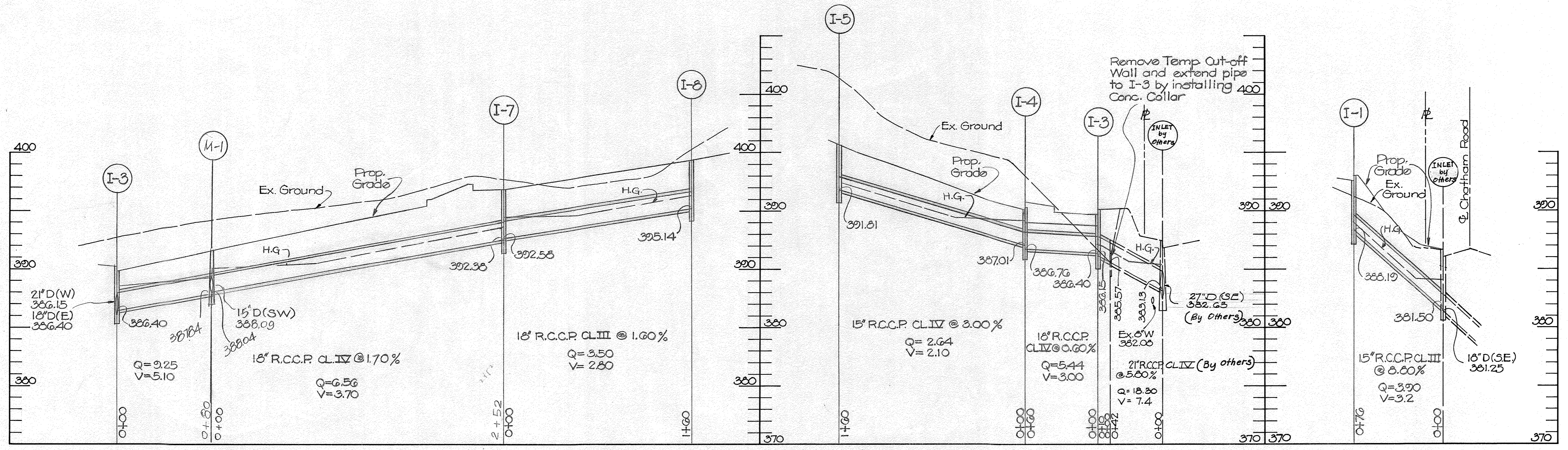


- LEGEND**
1. Ex. Ground Shown Thus
 2. Proposed Grades Shown Thus
 3. Spot Slopes Shown Thus
 4. No. Risers Shown Thus
 5. Proposed Drain System Shown Thus
 6. A.D.T. Count Shown Thus
 7. Dumpster Shown Thus



VILLAGE GREEN SHOPPING CENTER
 ALVAUS RAMBOURG JR. ET AL
 10-94

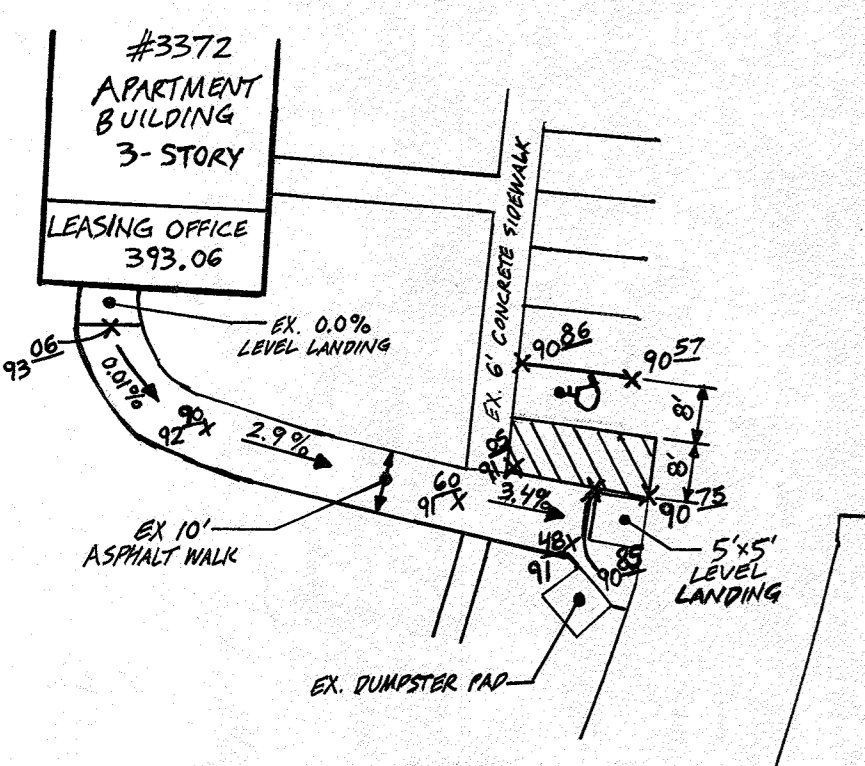
CHATHAM SHOPPING CENTER
 10-94



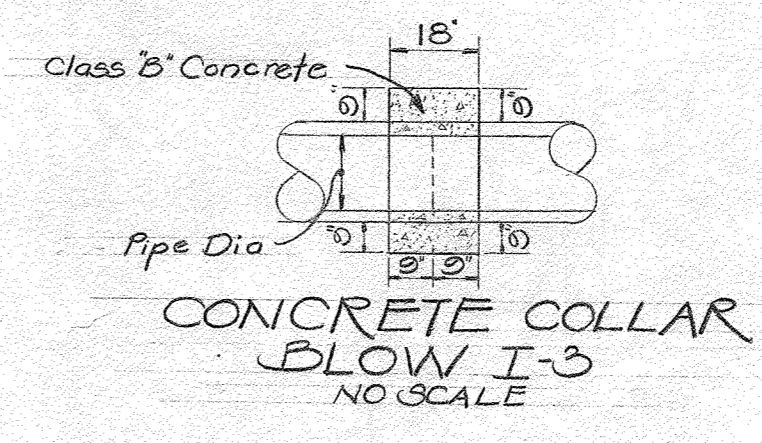
PROFILES
 Hor. 1"=50'
 Vert. 1"=5'

INLET SCHEDULE				
N ^o	TYPE	Q	INV. IN	TOPELEV.
1	Dbl. S' Comb	3.90	388.19	389.05
2	Dbl. S' Comb	4.95	385.04	387.70
3	Dbl. S' Comb	4.10	386.15	390.25
4	Dbl. S' Comb	2.97	386.76	390.75
5	Dbl. S' Comb	2.64	391.81	391.75
6	Dbl. S' Inlet	3.04	388.80	393.25
7	Dbl. S' Comb	3.24	392.38	397.25
8	Dbl. S' Comb	3.50	392.14	399.85
9	Dbl. S' Comb	3.90	391.10	399.65
10	Dbl. S' Comb	3.50	391.77	395.05

MANHOLE SCHEDULE					
N ^o	TYPE	SIZE	INV. IN	INV. OUT	TOP EL.
1	B	48"	388.04	387.84	391.60



LEASING OFFICE HANDICAP ACCESS
 SCALE: 1"=30'



APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY

DATE 1/9/74
 Thomas E. Harris, Jr.

APPROVED: For Public Water and Public Sewerage Systems, Howard County Health Department
 [Signature] MD 4/8/74
 County Health Officer
 APPROVED: Howard County Office of Planning and Zoning
 Planning Director
 [Signature] 4-10-74
 Date
 Chief, Division of Land Development and Transportation Planning
 APPROVED: For Public Water, Public Sewerage and Storm Drainage System and Resalts
 Howard County Department of Public Works
 Director
 [Signature] 4/2/74
 Date
 Chief, Bureau of Highways

N.G.D. Designed
 J.A.W. Drawn
 Checked

ENGINEERS
 MCA ENGINEERING CORPORATION
 1020 CROMWELL BRIDGE RD.
 BALTIMORE, MARYLAND, 21204
 [Signature] PE. 4047
 Reg. No. Date

OWNER & DEVELOPER
 OWNER: PERCON, INC.
 LAUREL, MD. 20810
 DEVELOPER:
 CHATHAM APTS. CO.
 6229 N. CHARLES ST.

STORM DRAINS
CHATHAM GARDENS APARTMENTS
SECTION ONE
 Howard County, Maryland Election District 2

REVISIONS			Sheet 5 of 5
Date	Description	By	
			Drawing No.
			Contract No.