

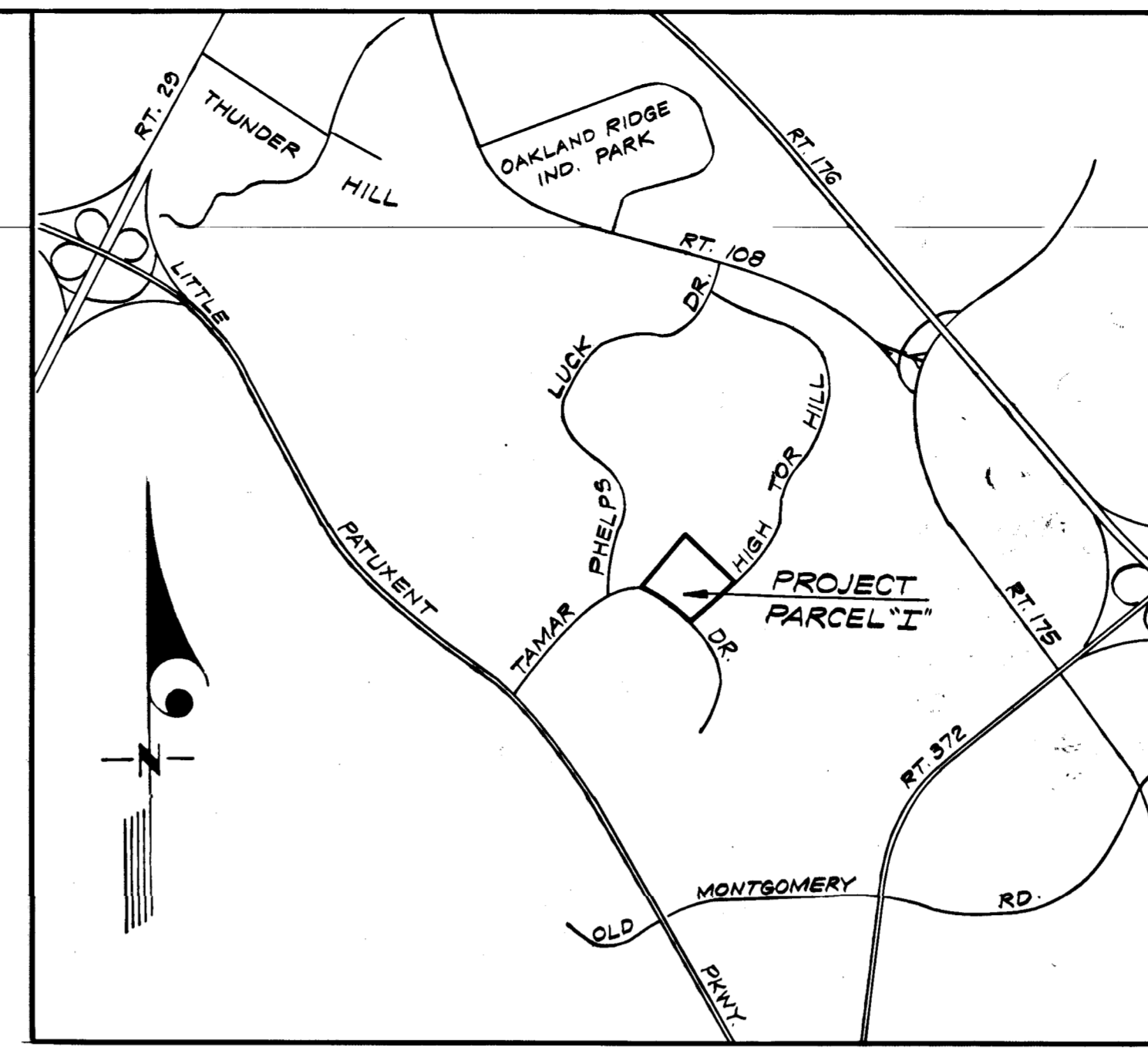
DEPARTMENT OF PUBLIC WORKS  
*Lawrence W. Nebeard* 1/16/71  
 Chief, Bureau of Highways DATE  
 OFFICE OF PLANNING AND ZONING  
*J. H. Clouston* 1-15-71  
 Chief Engineer, Division of Land Development DATE

**COLUMBIA**  
 6<sup>TH</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 OWNER AND DEVELOPER  
 THE ARTERY COMMUNITIES, INC.  
 5530 Wisconsin Avenue  
 Chevy Chase, Maryland 20015  
 PROJECT: PARCEL "I"  
 VILLAGE OF LONGREACH  
 SECTION 1, AREA 1  
 PROJECT TITLE: STORM DRAIN & PAVING PLAN  
 LOCATION PLAN

Des. By R.J.S. Scale As Shown Dwg. No. 1 of 8  
 Dwn. By K.W.C. Date Oct., 1970 C.C.F.N.  
 Chk. By R.J.S. Approved

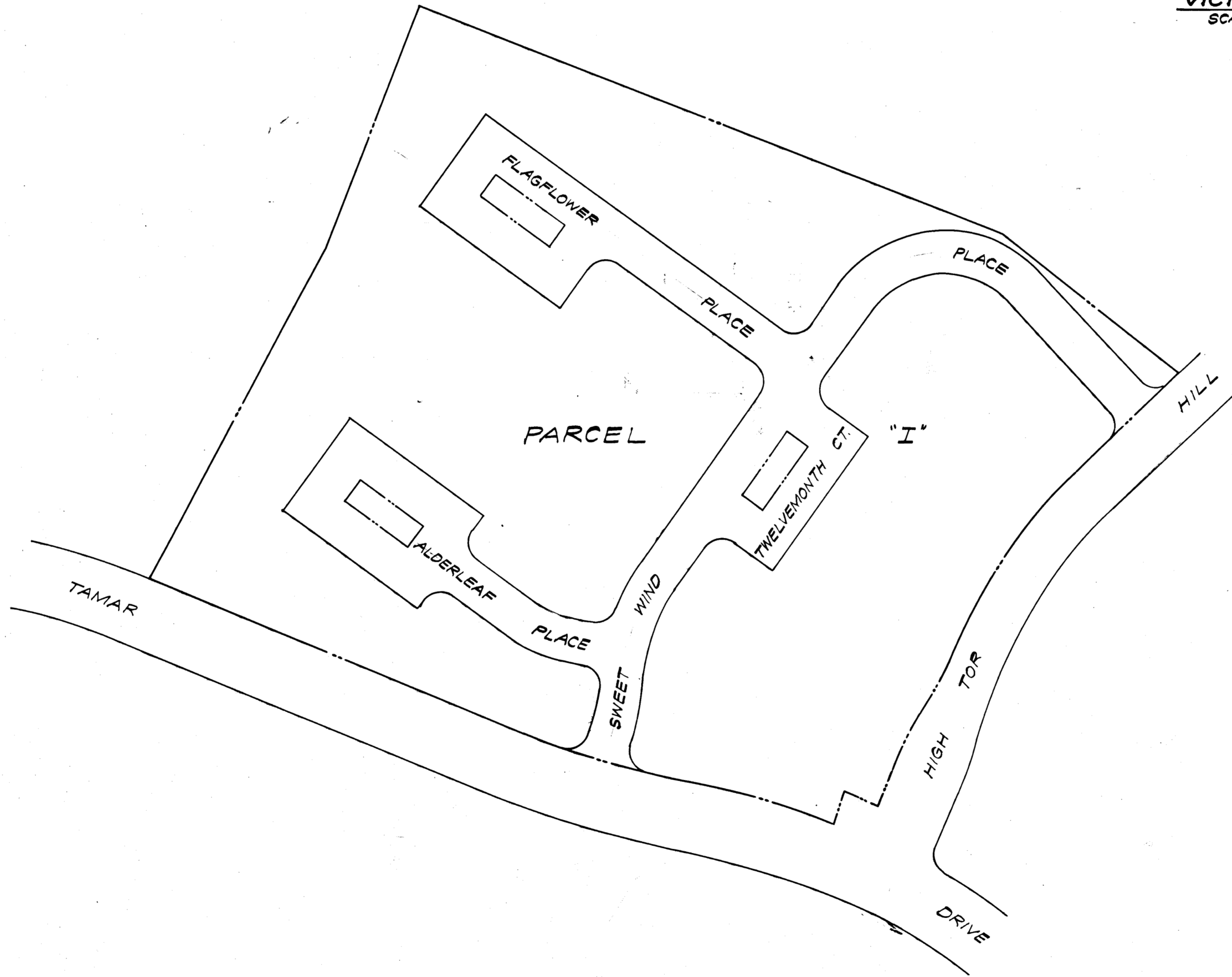
CLARK • FINEROCK & SACKETT  
 ENGINEERS • PLANNERS • SURVEYORS  
 711 SILVER SPRING AVENUE • SILVER SPRING, MARYLAND 20910

APPROVED  
 DIVISION OF  
 LAND DEVELOPMENT  
 PLANNING AND ZONING  
 OF HOWARD COUNTY  
 DATE: MAR 15 1971



VICINITY MAP  
 SCALE: 1" = 2000'

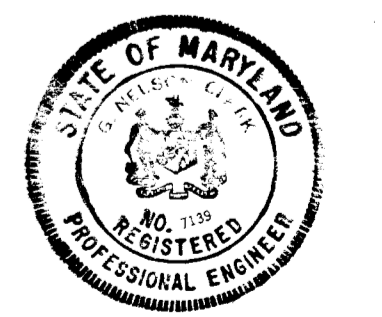
SHEET INDEX	
SHEET NO.	DESCRIPTION
1	LOCATION MAP
2	TWELVEMONTH COURT-Street Grade, Storm Drain And Paving Plan
3	SWEET WIND PLACE-Street Grade, Storm Drain And Paving Plan
4	ALDERLEAF PLACE-Street Grade, Storm Drain And Paving Plan
5	FLAGFLOWER PLACE-Street Grade, Storm Drain And Paving Plan
6	STORM DRAIN PROFILES And STRUCTURE And PIPE SCHEDULES
7	DETAILS
8	DRAINAGE AREA MAP



LOCATION PLAN  
 SCALE: 1" = 100'

**GENERAL NOTES**

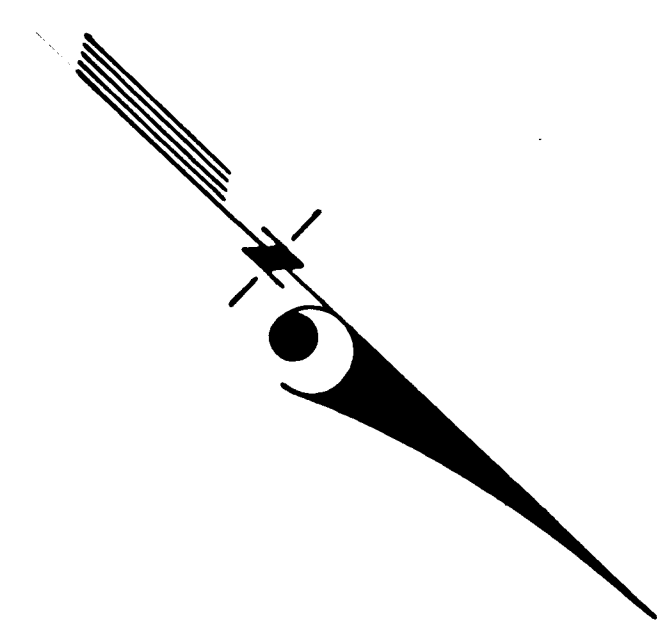
1. All storm drain and paving shall be constructed in accordance with the latest details and specifications of Howard County.
2. Types of Storm Drain Structures refer to the standard details of Howard County.
3. Trench compaction for storm drains within road or street right of way limits shall be in accordance with latest Howard County Road Code.
4. Information concerning underground utilities was obtained from available records, but the Contractor must determine the exact location and elevation of the mains by digging test pits by hand at all utility crossings, well in advance of trenching.
5. All utility companies shall be notified 24 hours in advance of construction.
6. Test pit information for Ex. 26" Gas Main was obtained Baltimore Gas & Electric October 13, 1970.



J. Nelson Clark  
 10-28-70



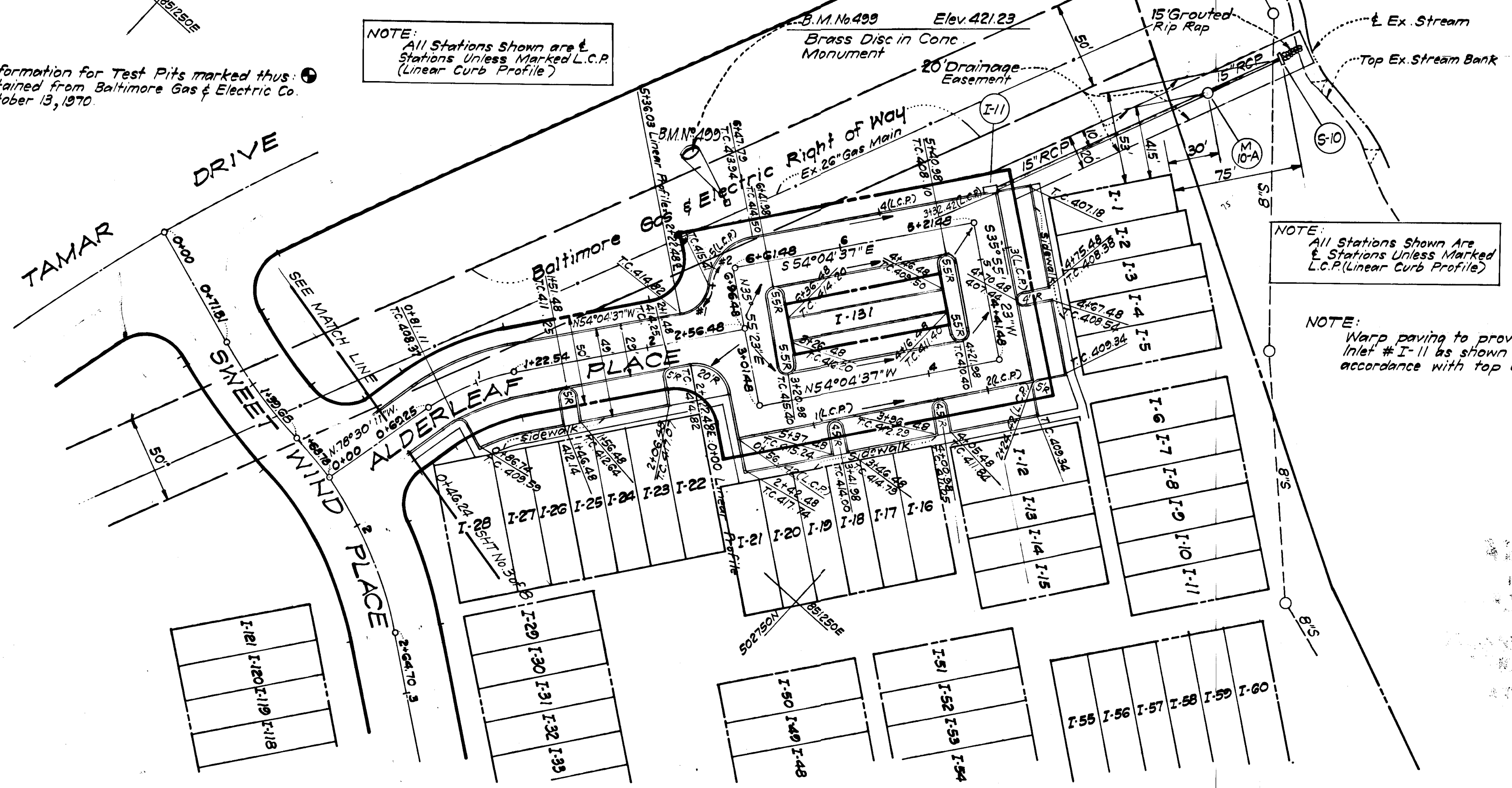




NOTE: Information for Test Pits marked thus:  $\odot$  obtained from Baltimore Gas & Electric Co. October 13, 1970.

**ALDERLEAF PLACE CURB CURVE DATA**  
 #1 Curve Data  
 PC=0+163.25 PT=1+22.54  
 Δ = 24°25'34"  
 R = 125.00'  
 L = 52.89'  
 T = 27.06'  
 #2 Curve Data  
 PC=2+25.00 PT=2+32.32  
 Δ = 72°32'32"  
 R = 14.68'  
 L = 22.01'

**PLAN**  
 SCALE: 1" = 50'



NOTE: All Stations Shown Are Stations Unless Marked L.C.P. (Linear Curb Profile)

NOTE: Warp paving to provide positive drainage to Inlet # I-11 as shown by Flow arrows and in accordance with top of curb elevations shown.

**APPROVED**  
 DIVISION OF  
 LAND DEVELOPMENT  
 PLANNING & ZONING  
 OF HOWARD COUNTY  
 DATE: JAN 15 1971

DEPARTMENT OF PUBLIC WORKS  
*Geneville W. Wickland*  
 Chief Bureau of Highways DATE

**COLUMBIA**  
 6<sup>TH</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 OWNER AND DEVELOPER  
 THE ARTERY COMMUNITIES, INC.  
 5530 Wisconsin Avenue  
 Chevy Chase, Maryland 20015

PROJECT: PARCEL "I"  
 VILLAGE OF LONGREACH  
 SECTION 1, AREA 1  
 PROJECT TITLE: STORM DRAIN PAVING PLAN  
 ALDERLEAF PLACE

Des. By RJS	Scale As Shown	Dwg. No. 4 of 8
Drn. By KWC	Date Oct., 1970	CCF. No.
Chk. By RJS	Approved	

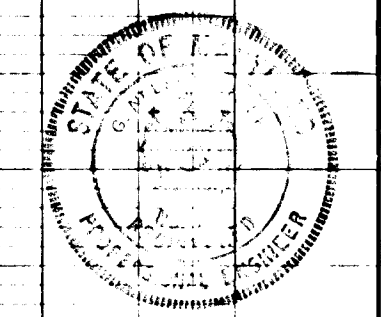
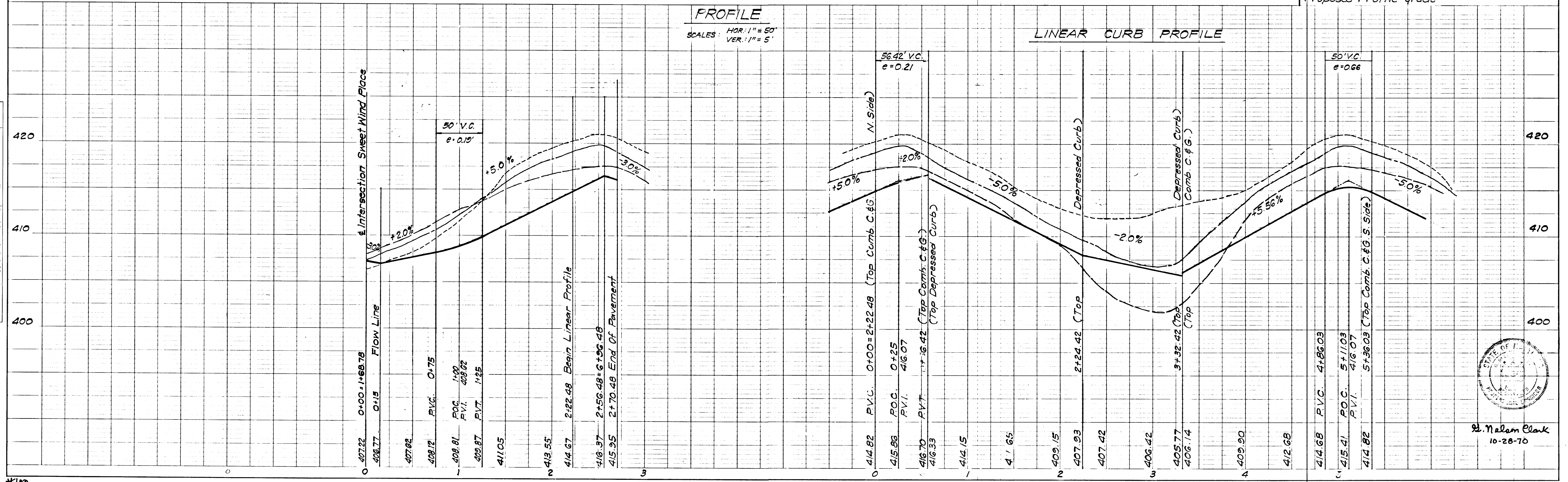
**CLARK • FINEPROCK & SACKETT**  
 ENGINEERS • PLANNERS • SURVEYORS  
 817 SILVER SPRING AVENUE • SILVER SPRING, MARYLAND 20910

**LEGEND**  
 Existing ground @  $\pm$  \_\_\_\_\_  
 Existing ground @ 45' Left \_\_\_\_\_  
 Existing ground @ 45' Right \_\_\_\_\_  
 Proposed Profile grade \_\_\_\_\_

**PROFILE**

SCALE: HOR: 1" = 50'  
 VER: 1" = 5'

**LINEAR CURB PROFILE**



*Geneville W. Wickland*  
 10-28-70

ALDERLEAF PLACE 1010-D  
 VILLAGE OF LONGREACH

F-71-25

PLAN SURVEYED BY DATE  
 PLOTTED BY  
 ALIGNED CHECKED BY  
 NO. OF WAY LINES

PROFILE SURVEYED BY DATE  
 PLOTTED BY  
 ALIGNED CHECKED BY  
 NO. OF WAY LINES

**COLUMBIA**  
 6<sup>TH</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 OWNER AND DEVELOPER  
 THE ARTERY COMMUNITIES, INC.  
 5530 Wisconsin Avenue  
 Chevy Chase, Maryland 20015

PROJECT: PARCEL I  
 VILLAGE OF LONGREACH  
 SECTION I, AREA I

PROJECT TITLE: STORM DRAIN PAVING PLAN  
 FLAGFLOWER PLACE

Des. By R.J.S. Scale As Shown Dwg. No. 5 of 8  
 Dwn. By K.W.C. Date Oct., 1970 C.C.F. No.  
 Chk. By R.J.S. Approved

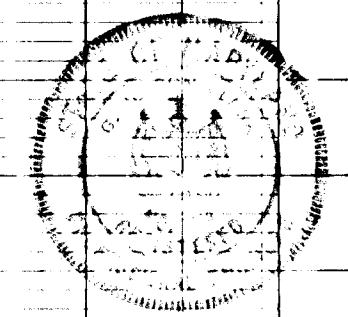
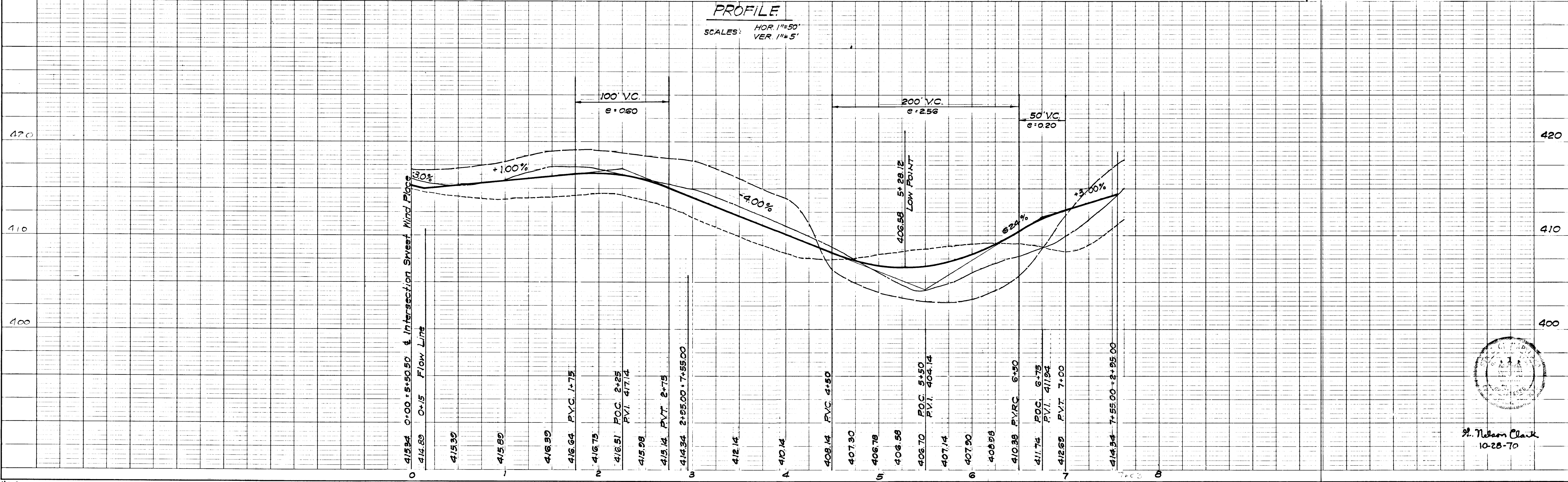
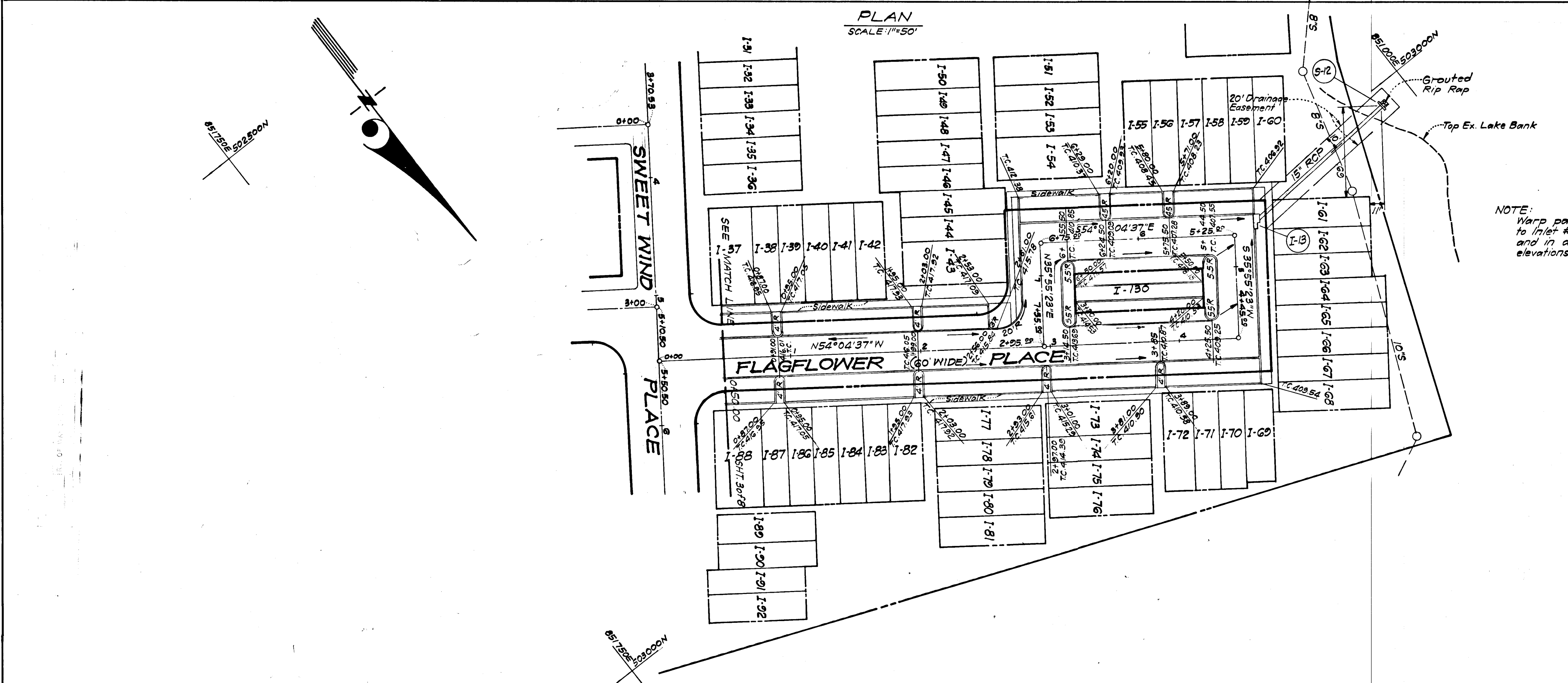
**CLARK • FINEFROCK & SACKETT**  
 ENGINEERS • PLANNERS • SURVEYORS  
 817 SILVER SPRING AVENUE • SILVER SPRING, MARYLAND 20910

**LEGEND**  
 Existing ground @ 4' \_\_\_\_\_  
 Existing ground @ 45' Left \_\_\_\_\_  
 Existing ground @ 45' Right \_\_\_\_\_  
 Proposed Profile grade \_\_\_\_\_

**APPROVED**  
 DIVISION OF  
 LAND DEVELOPMENT  
 OFFICE OF  
 PLANNING AND ZONING  
 OF HOWARD COUNTY  
 DATE: JAN 15 1971

PLAN	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
NO.	

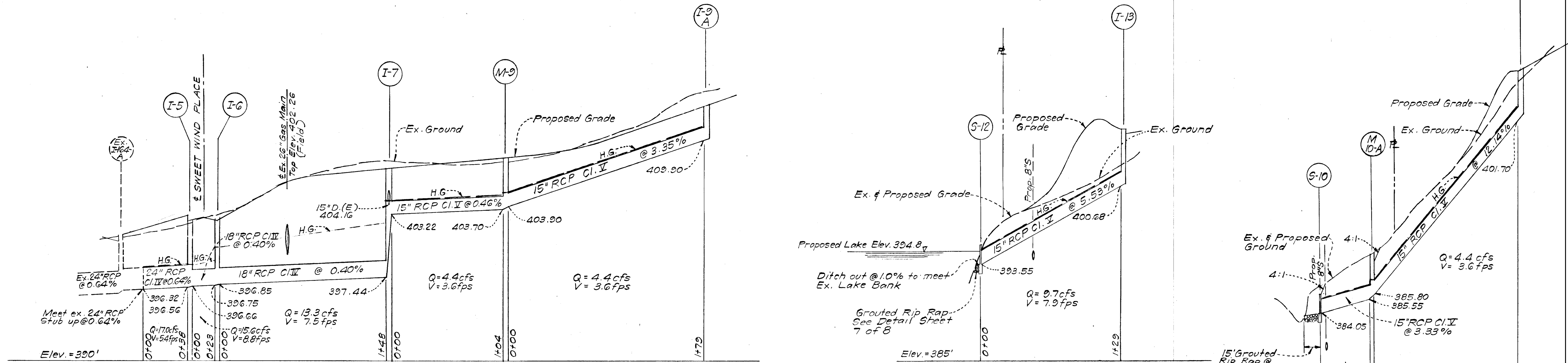
PROFILE	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO.	



H. Nelson Clark  
 10-28-70

SWEET WIND PLACE

DEPARTMENT OF PUBLIC WORKS  
*Harvill R. Nebel* 1/16/71  
 Chief Bureau of Highways DATE



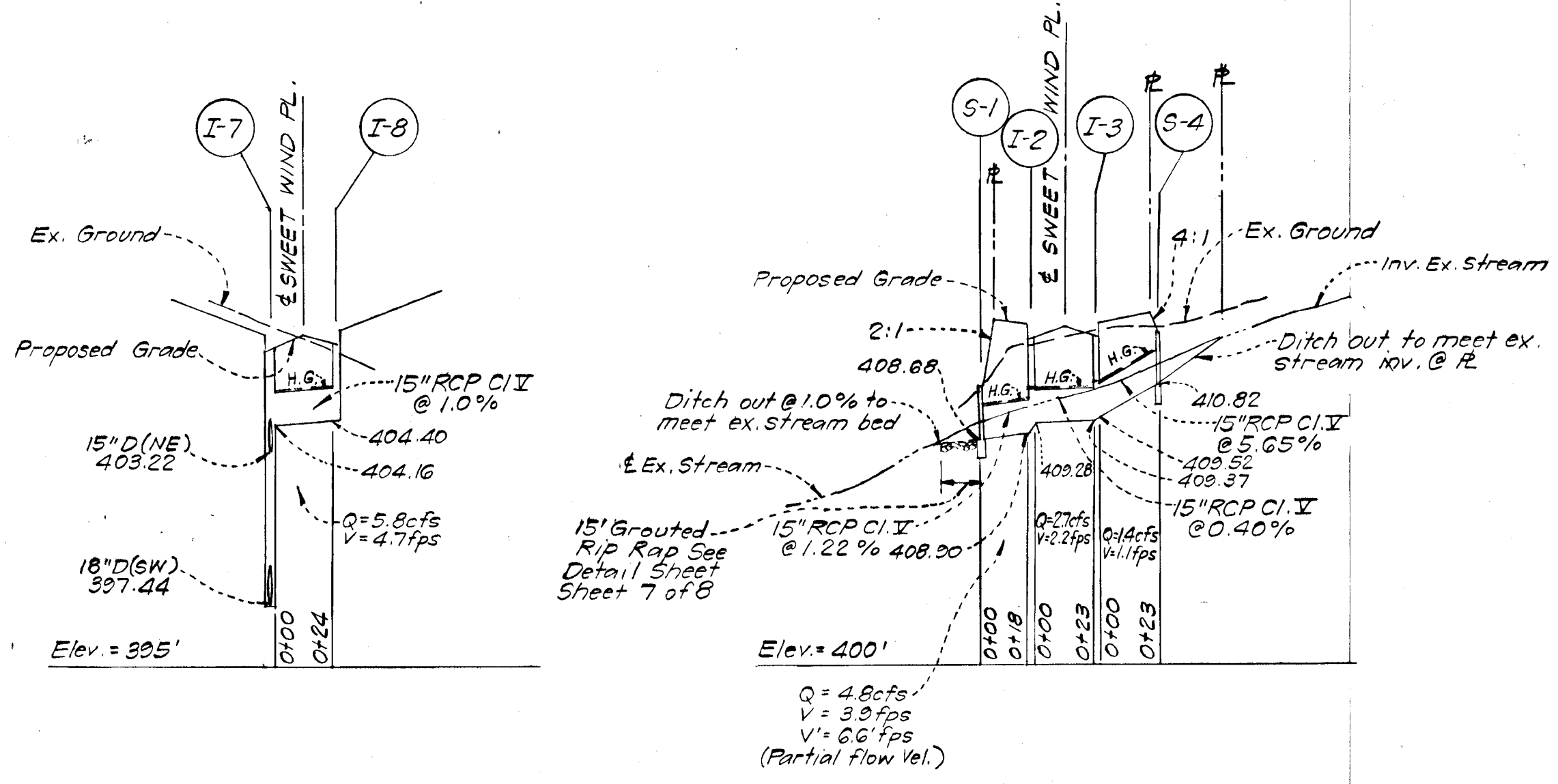
STORM DRAIN PROFILES

Scales: Hor. 1"=50'  
 VER. 1"=5'

STRUCTURE SCHEDULE					
NO.	TYPE	*TOP ELEV.		REMARKS	LOCATION
		UPPER	LOWER		
I-3	S-Comb.	413.10	412.90	Howard Co. Std.	See Plan View
I-2	S-Comb.	413.10	412.90	"	"
S-1	C-Endwall			"	"
I-9A	S-Comb.	413.75	413.51	"	"
M-9	Manhole	408.38		"	"
I-7	S-Comb.	407.83	407.76	"	See Plan View
I-8	S-Comb.	407.87	407.80	"	"
I-6	S-Comb.	403.38	402.90	"	"
I-5	S-Comb.	403.38	402.90	"	"
I-11	A-5 Inlet	406.49	406.14	"	"
S-10	C-Endwall			"	"
I-13	B-10 Inlet	406.10	405.90	"	"
S-12	C-Endwall			"	"
S-4	C-Endwall			"	"
M-10A	Manhole	389.60		Howard Co. Std. 4'-0" Dia.	See Plan View

\* All elevations given are to top of curb except for M-9 and M-10A which are proposed elevations in street at M-9 and existing ground at M-10A, respectively.

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
15"	RCP Cl. V	676'
18"	RCP Cl. IV	171'
24"	RCP Cl. IV	38'



**COLUMBIA**  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 OWNER AND DEVELOPER  
**THE ARTERY COMMUNITIES, INC.**  
 5530 Wisconsin Avenue  
 Chevy Chase, Maryland 20815

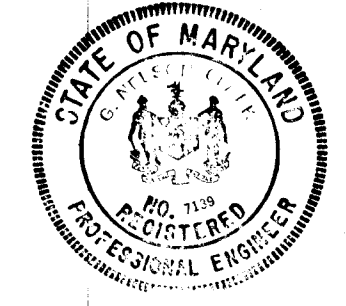
PROJECT: PARCEL "I"  
 VILLAGE OF LONGREACH  
 SECTION 1, AREA 1

PROJECT TITLE: STORM DRAIN & PAVING PLAN  
 STORM DRAIN PROFILES & STRUCTURE PIPE SCHEDULES

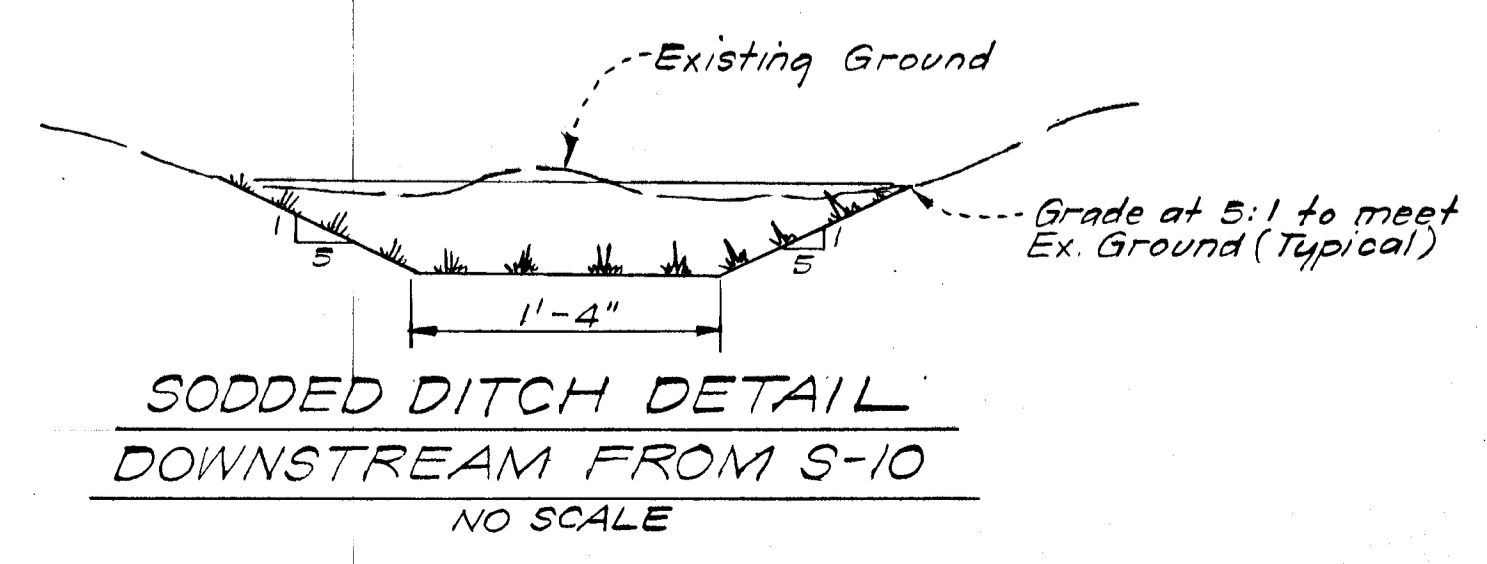
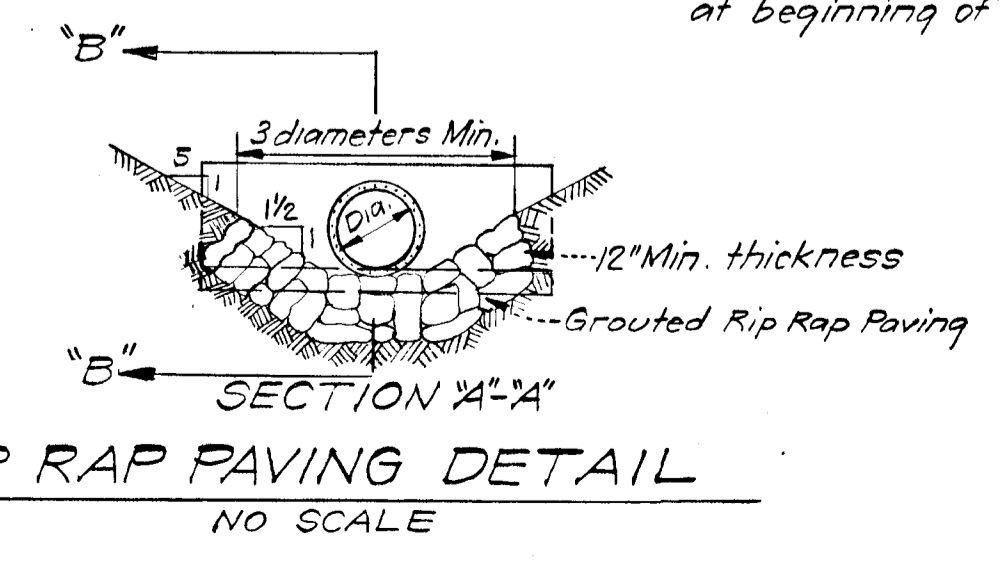
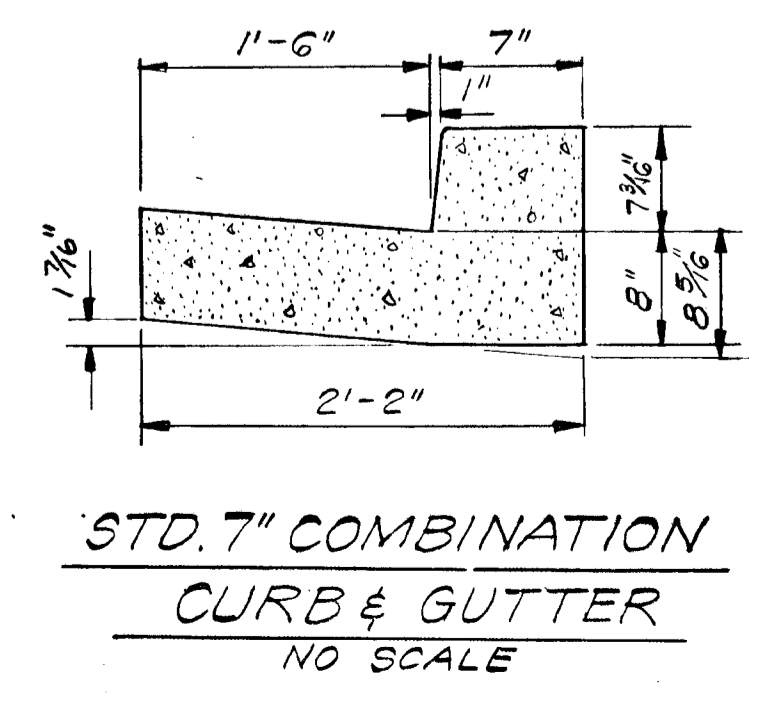
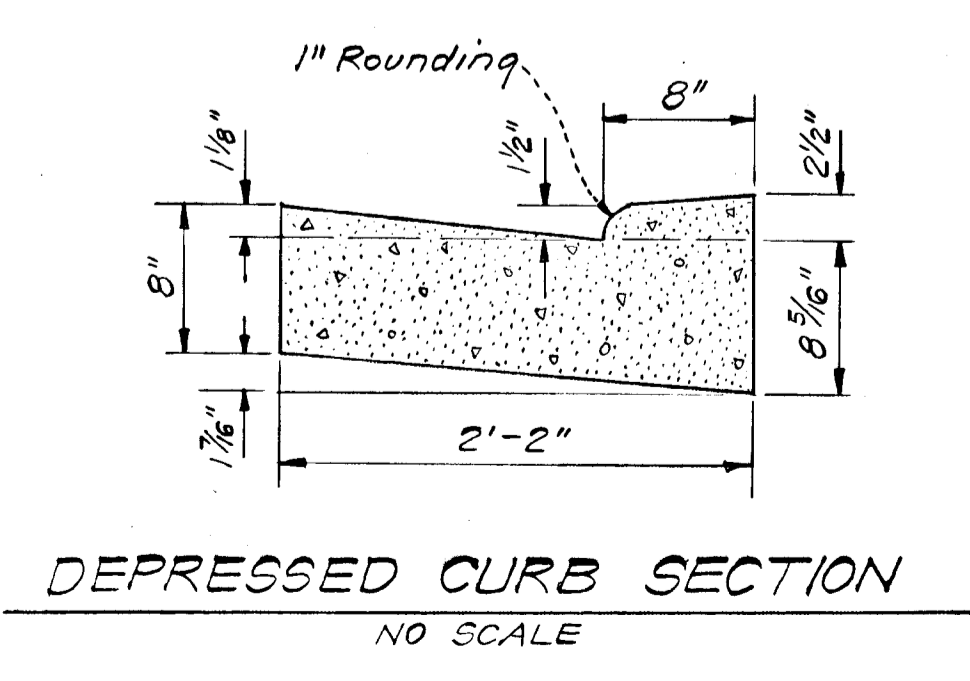
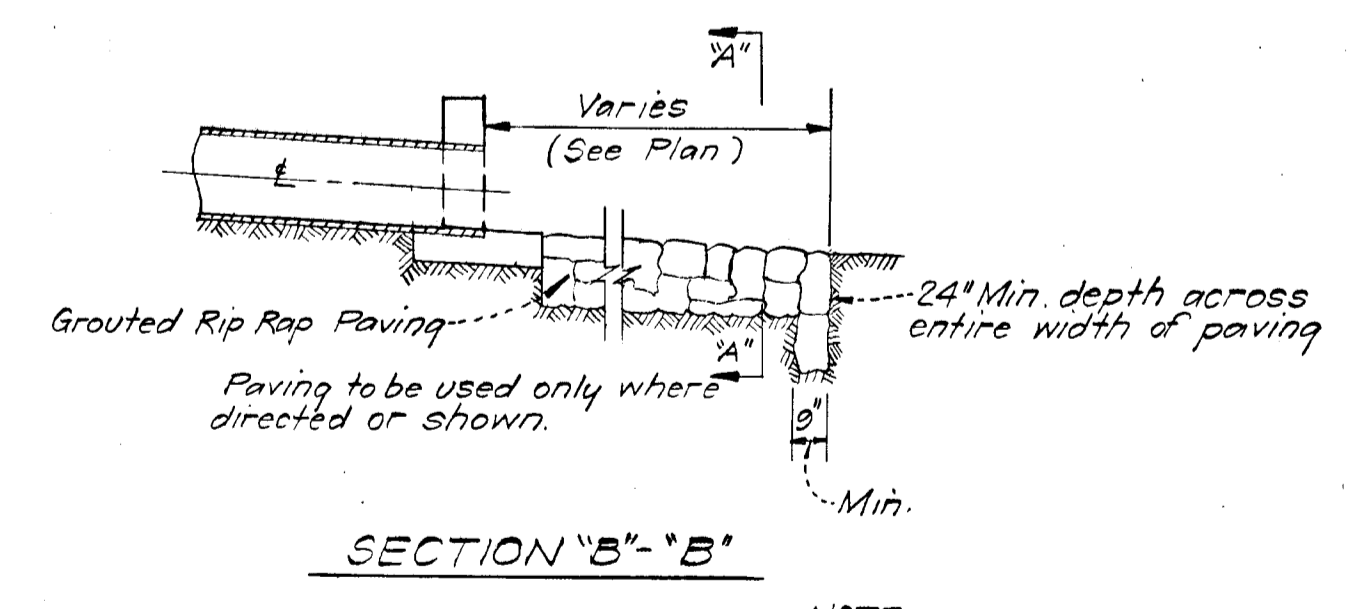
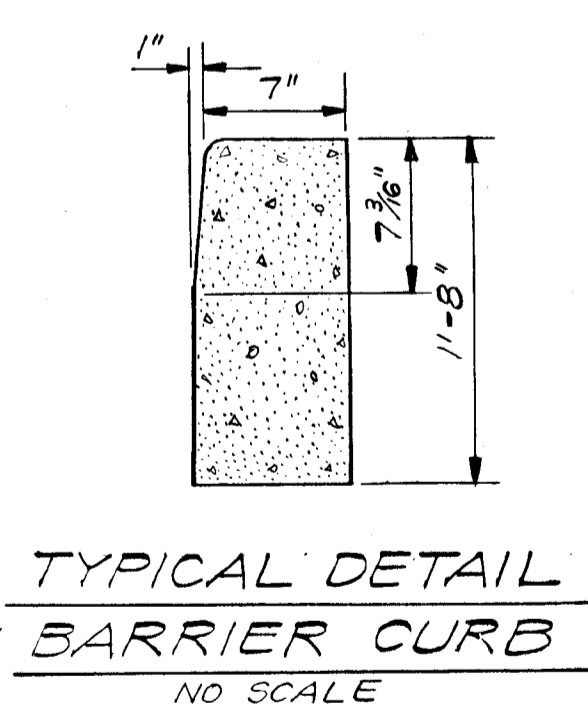
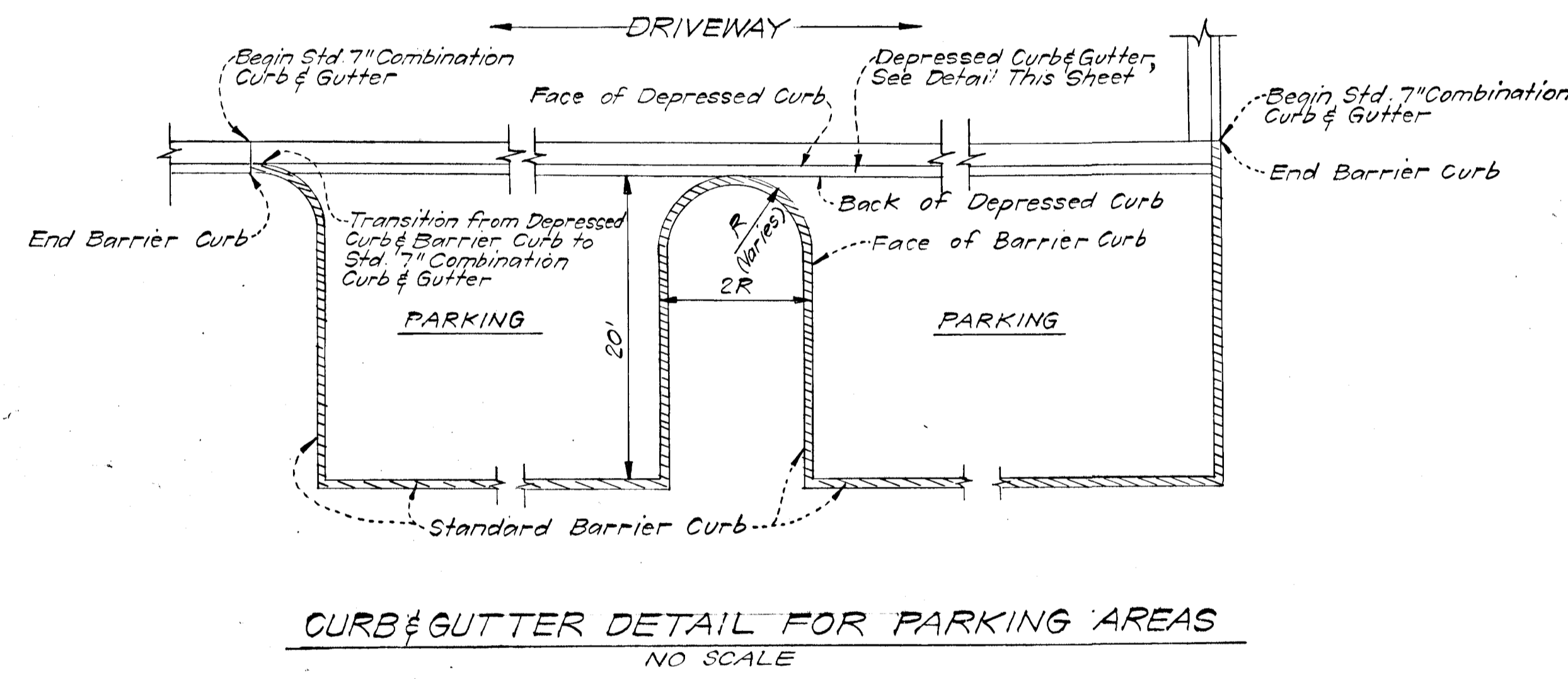
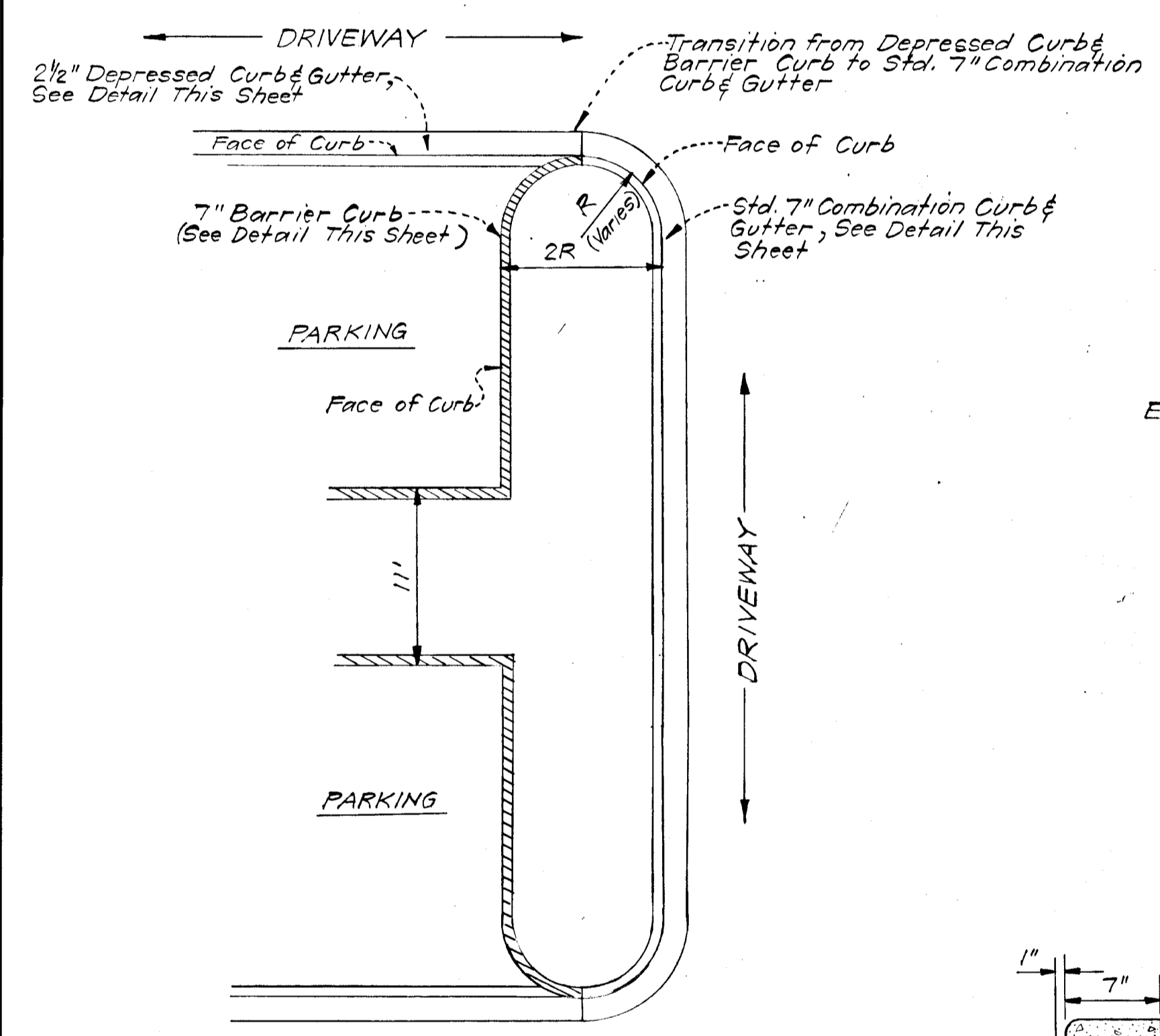
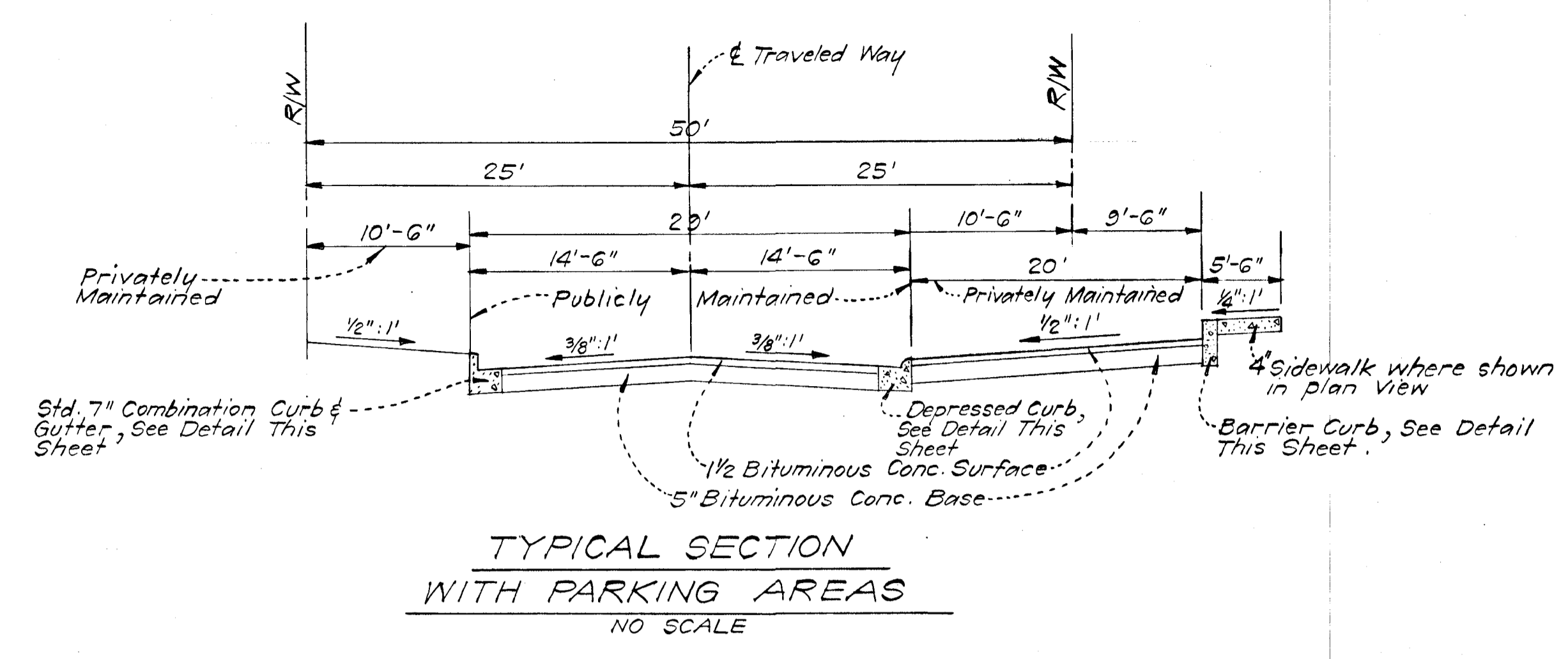
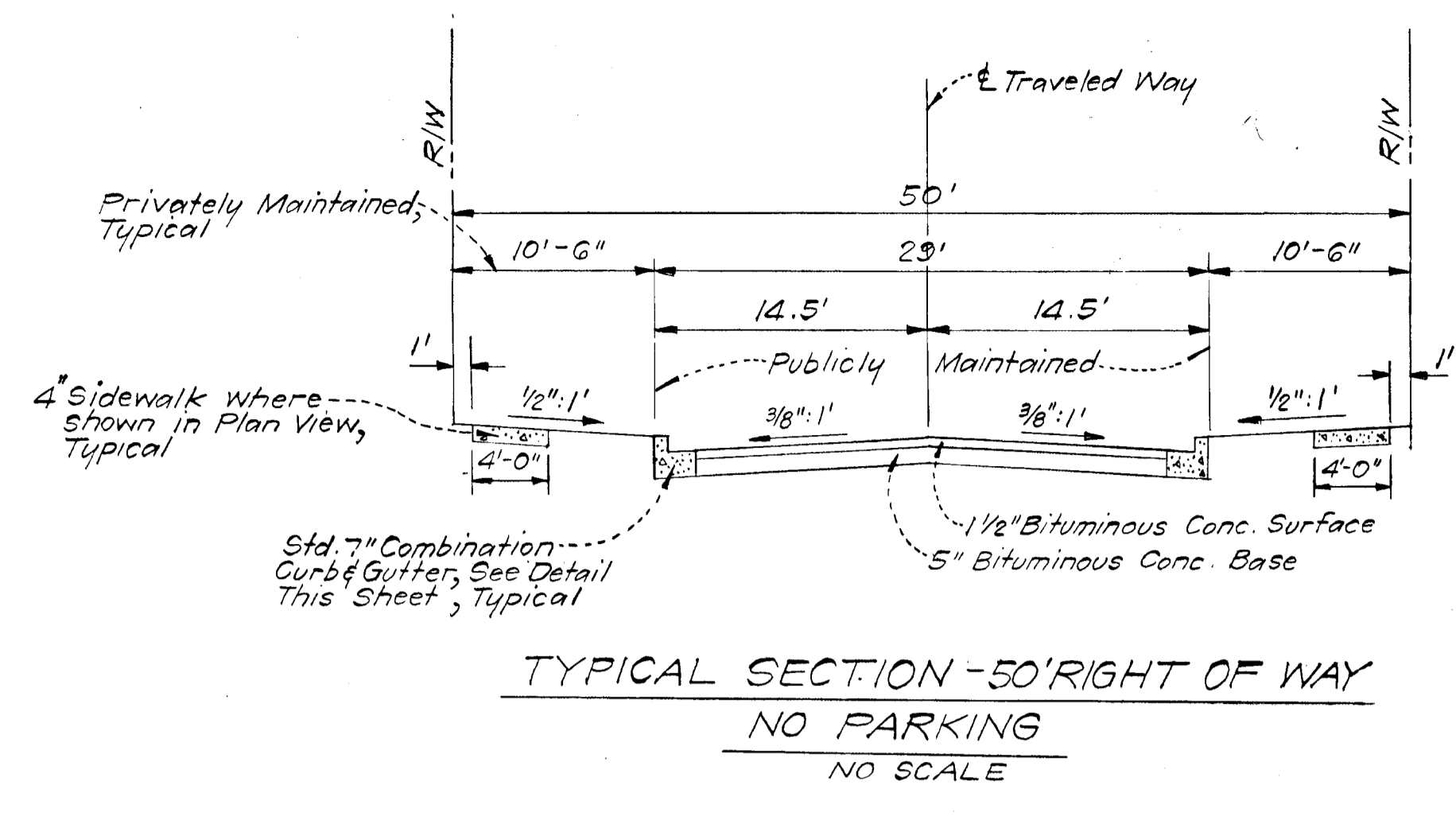
Des. By R.J.S. Scale As Shown DWG. No. 6 of 8  
 Dwn. By K.W.C. Date Oct., 1970 C.C.F. No.  
 Chk. By R.J.S. Approved

CLARK • FINECROCK & SACKETT  
 ENGINEERS • PLANNERS • SURVEYORS  
 817 SILVER SPRING AVENUE • SILVER SPRING, MARYLAND 20910

**APPROVED**  
 DIVISION OF  
 LAND DEVELOPMENT  
 OFFICE OF  
 PLANNING AND ZONING  
 OF HOWARD COUNTY  
 DATE: JAN 15 1971



H. Nelson Clark  
 10-28-70



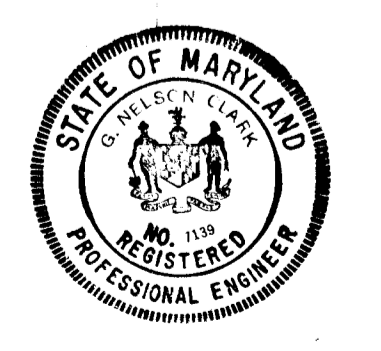
**COLUMBIA**  
 6<sup>TH</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 OWNER AND DEVELOPER  
 THE ARTERY COMMUNITIES, INC.  
 5530 Wisconsin Avenue  
 Chevy Chase, Maryland 20015

PROJECT: PARCEL "I"  
 VILLAGE OF LONGREACH  
 SECTION 1, AREA 1  
 PROJECT TITLE: STORM DRAIN & PAVING PLAN  
 DETAILS

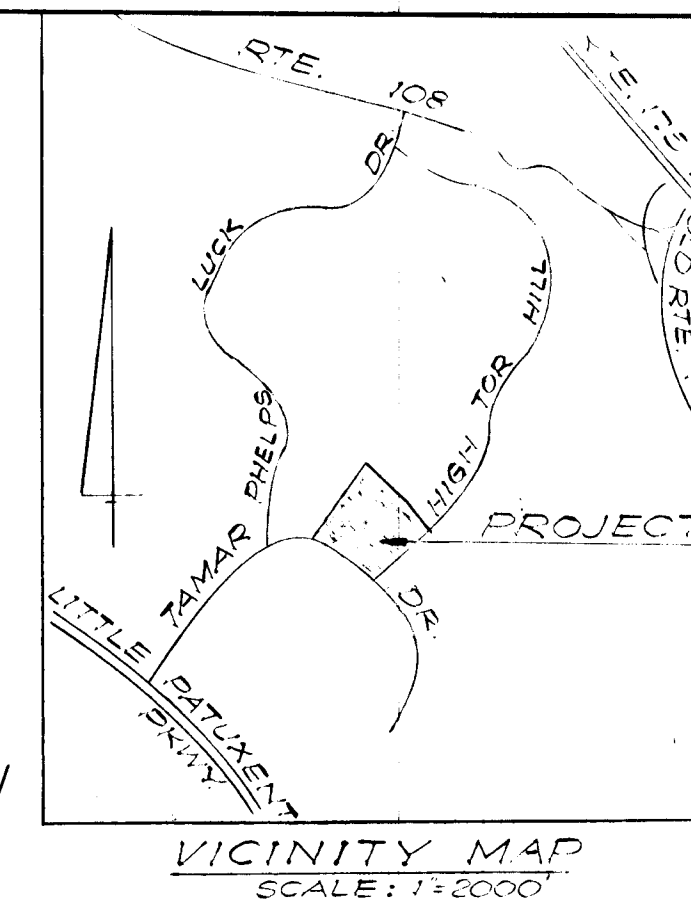
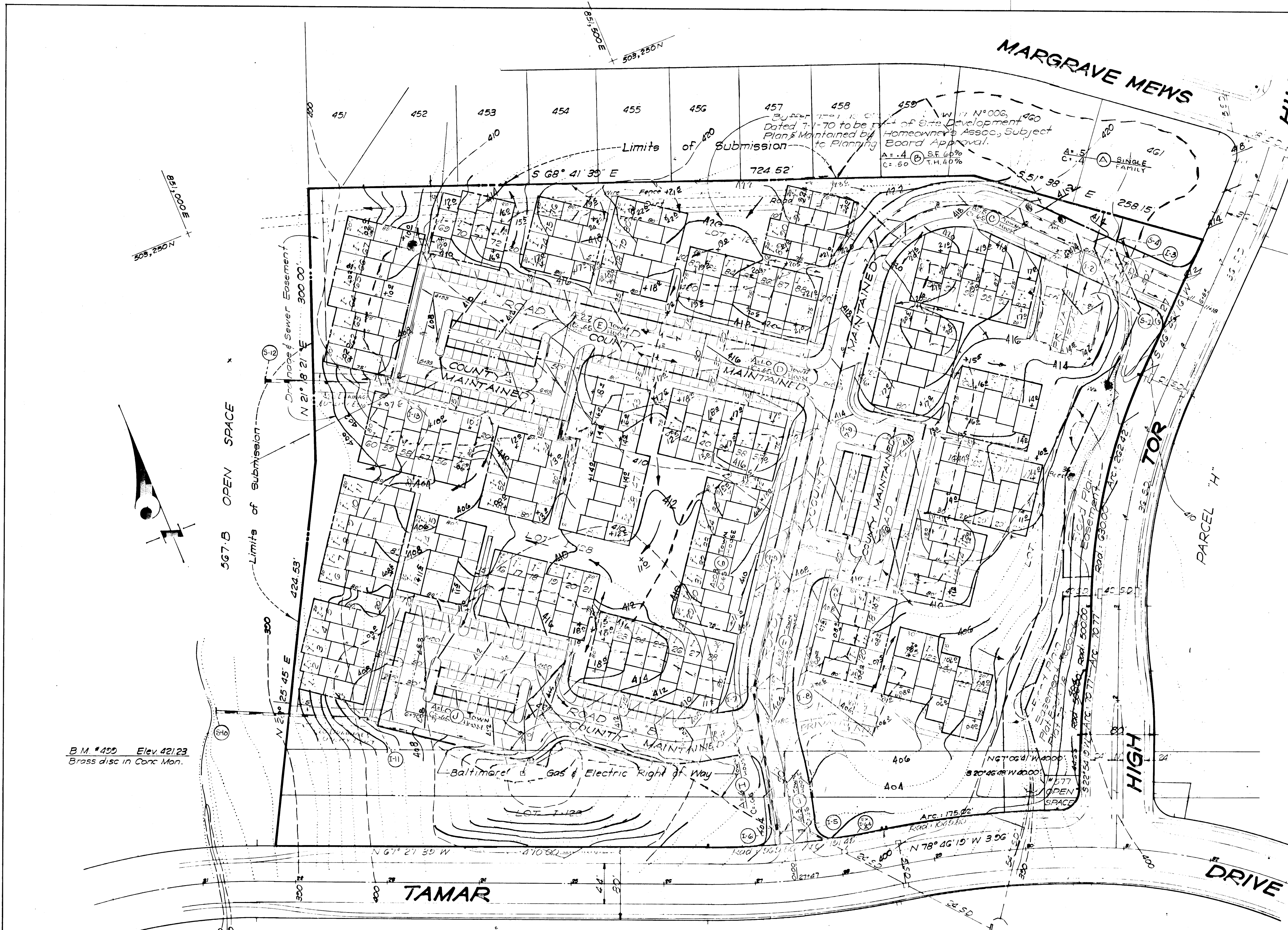
Des. By R.J.S.	Scale As Shown	Dwg. No. 7 of 8
Drn. By K.W.C.	Date Oct., 1970	C.C.F.N.?
Chk. By R.J.S.	Approved	

CLARK • FINEROCK & SACKETT  
 ENGINEERS • PLANNERS • SURVEYORS  
 817 SILVER SPRING AVENUE • SILVER SPRING, MARYLAND 20910

**APPROVED**  
 DIVISION OF  
 LAND DEVELOPMENT  
 OFFICE OF  
 PLANNING AND ZONING  
 OF HOWARD COUNTY  
 DATE: JAN 15 1971



*G. Nelson Clark*  
 10-28-70



**APPROVED**  
 DIVISION OF  
 LAND DEVELOPMENT  
 COUNTY OF  
 PLANNING AND ZONING  
 OF HOWARD COUNTY  
 DATE: JAN 15, 1971

**SITE ANALYSIS**

1. Zone : Apartments, Attached Land Use.
2. Area : Total = 14.533 Ac.  
Proposed Dedication = 2.3± Ac.  
Total Area of Lots = 12± Ac.
3. Maximum No of lots permitted = 126
4. No of lots shown:  
Single Family = 126  
Home Owners Assoc = 5  
Total = 131
5. No of parking spaces required = 252
6. No of parking spaces shown = 252
7. Topography compiled by actual field survey
8. Lots 1-127 thru 131 to be maintained by Homeowners Association.
9. Public water & sewer to be made available.
10. Design speed on all streets is 25 MPH.
11. Standard Symbols:  
  - ▬ Proposed Headwalls
  - ▬ Proposed Inlets
  - ▬ Proposed Pipes
  - ▬ Proposed Sidewalks
12. All dedicated streets to be maintained by Howard County for a width of 60 feet. Some may exist or to be maintained by Homeowners Association.
13. Minimum Building Setback Positive from property lines. The Right of Way at the front of street to be in accordance with the recorded Final Development Plan Criteria.

B.M. #492 Elev. 421.23  
 Brass disc in Conc. Man.

B.M. #L11 Elev. 403.23  
 Spike in 20 Maple 100±  
 South of Sta 30+75 Tamar Dr.

A. Nelson Clark  
 10-27-70



DATE	REVISIONS	By
7/24/70	Final Plan	AK

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 817 SILVER SPRING AVENUE • SILVER SPRING, MARYLAND 20910 (301) 589-5300		
DESIGNED W.R.M.	DRAINAGE AREA MAP <b>RESUBDIVISION OF PARCEL 'I'</b> <b>COLUMBIA</b> VILLAGE OF LONGREACH SECTION I AREA I 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 50'
DRAWN C.C.M.		DRAWING 8 of 8
CHECKED W.R.M.		JOB NO. 70-911C
DATE May, 1970	FOR: THE ARTISTRY COMMUNITIES, INC. 5530 Wisconsin Avenue Chevy Chase, Maryland 20015	FILE NO. 1010-D