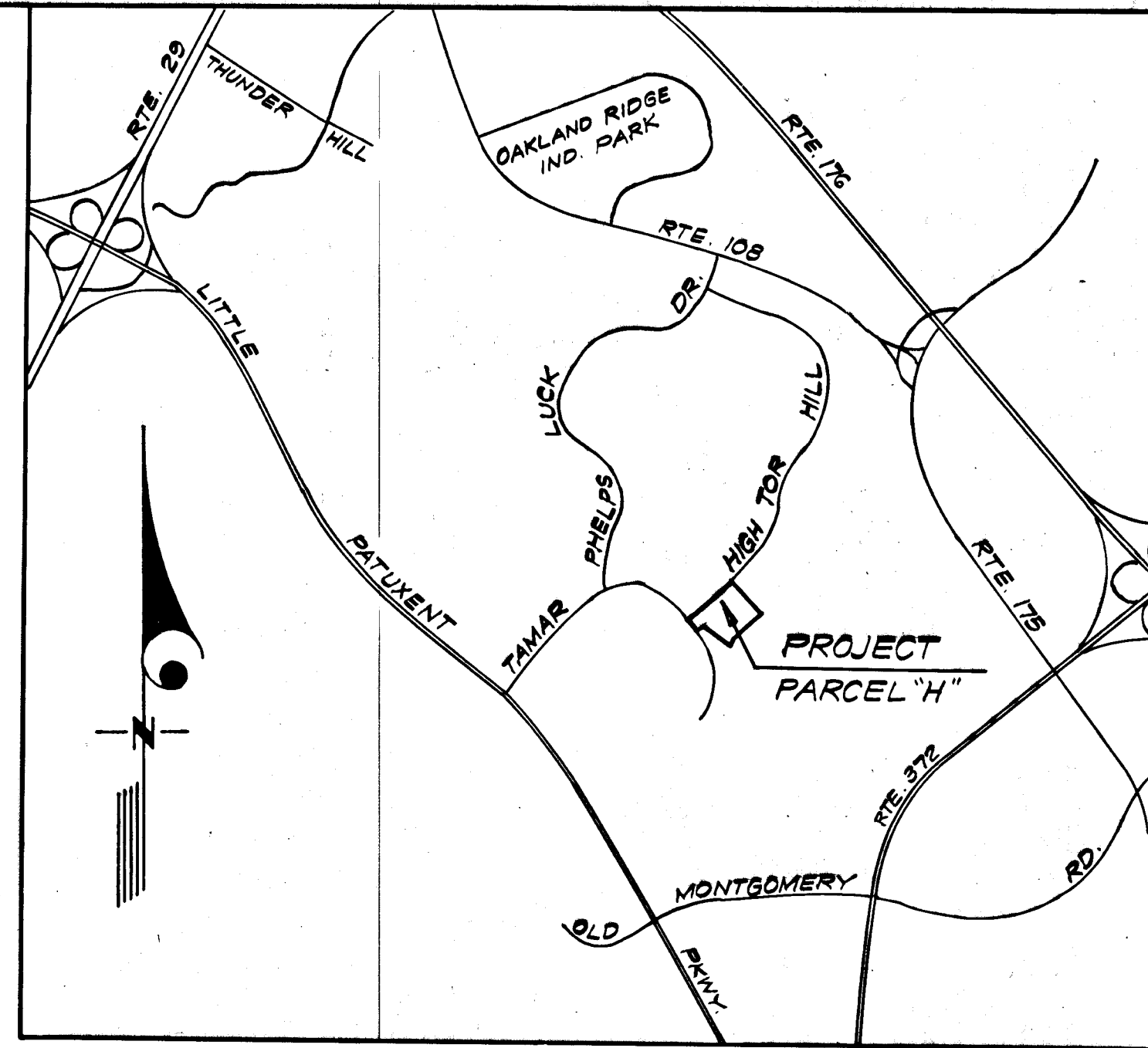
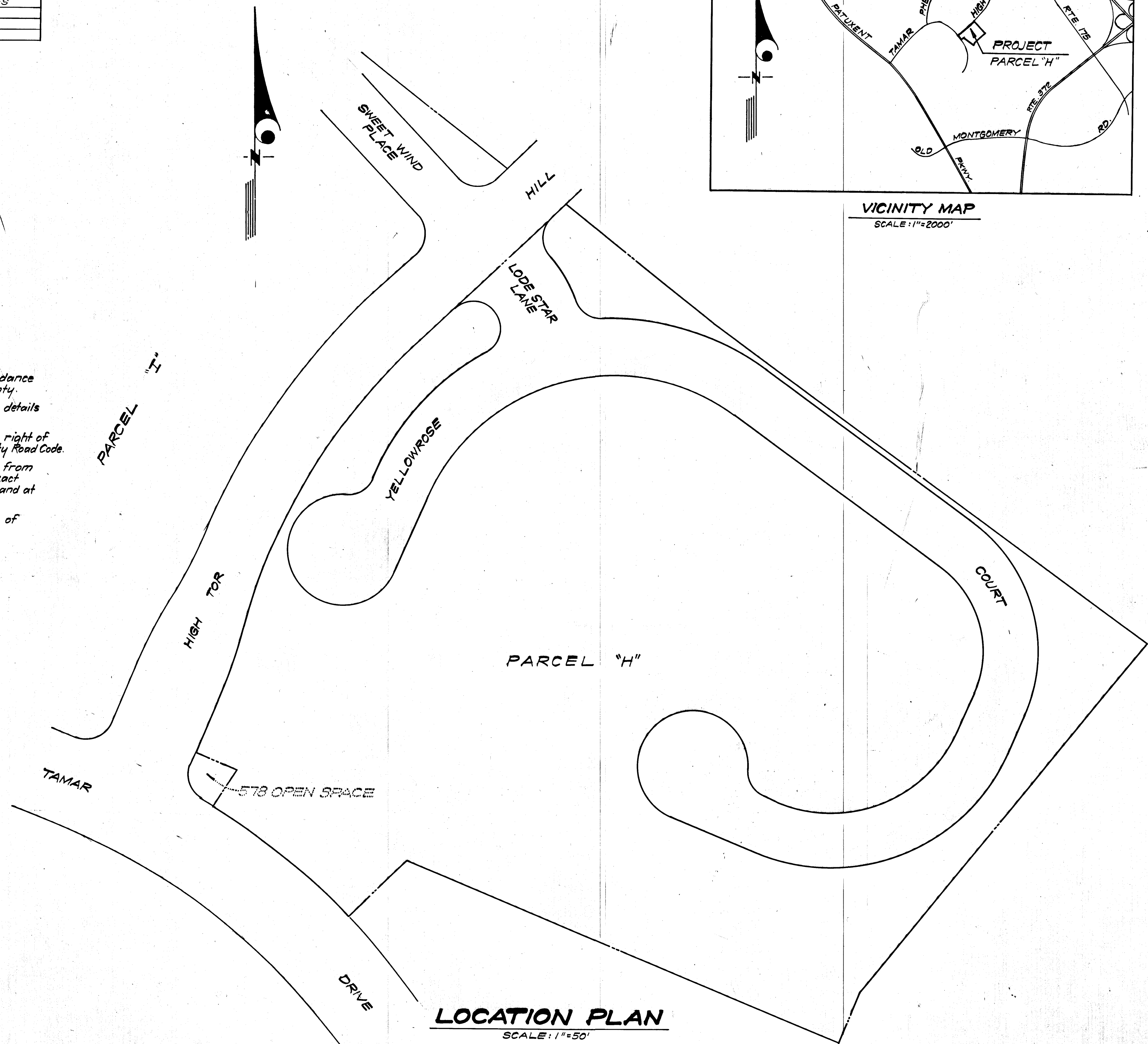


SHEET INDEX	
SHEET NO.	DESCRIPTION
1	LOCATION MAP
2	LODE STAR LA. & YELLOWROSE CT. - Street Grade, Storm Drain & Paving Plan
3	YELLOWROSE COURT - Street Grade, Storm Drain & Paving Plan
4	STORM DRAIN PROFILES AND STRUCTURE AND PIPE SCHEDULES
5	DETAILS
6	DRAINAGE AREA MAP (OFF-SITE)
7	DRAINAGE AREA MAP (ON-SITE)



VICINITY MAP
SCALE: 1"=2000'



LOCATION PLAN
SCALE: 1"=50'

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 construction.
5. All utility companies shall be notified 24 hours in advance of construction.
6. Design speed 25 mph on all roads.

DEPARTMENT OF PUBLIC WORKS
W.O. Pickett
 Chief, Bureau of Highways
 DATE 3-16-73

J.H. Clawson
 Chief, Division of Land Development and Transportation Planning
 DATE 3/13/73

COLUMBIA
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 OWNER AND DEVELOPER
ARTERY COMMUNITIES, INC.
 5530 Wisconsin Avenue
 Chevy Chase, Maryland 20915

PROJECT: PARCEL "H"
 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 7
 Dwn. By K.W.C. Date: Feb., 1973 C.C.F. No.
 Chk. By R.J.S. Approved

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

APPROVED
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE May 10, 1972
Pick



H. Nelson Clark
 8-29-71

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	NO.	

YELLOWROSE COURT
 & Curve Data
 PC=0+70.71 PT=4+52.13
 Δ=103°36'22"
 R=210.53'
 L=381.42'
 T=268.08'

LODE STAR LANE
 & Curve Data
 PC=0+55.00 PT=0+83.43
 Δ=27°08'13"
 R=60.00'
 L=28.42'
 T=14.48'

NOTE:
 See sheet 5 of 7 for Typical Cross
 Section of Lode Star Lane

Remove Ex. sidewalk, paving and curb & gutter
 as necessary for new construction.

TAMAR DRIVE

HIGH TOR HILL

SWEET WIND PLACE

HILL COURT

YELLOWROSE COURT

LODE STAR LANE

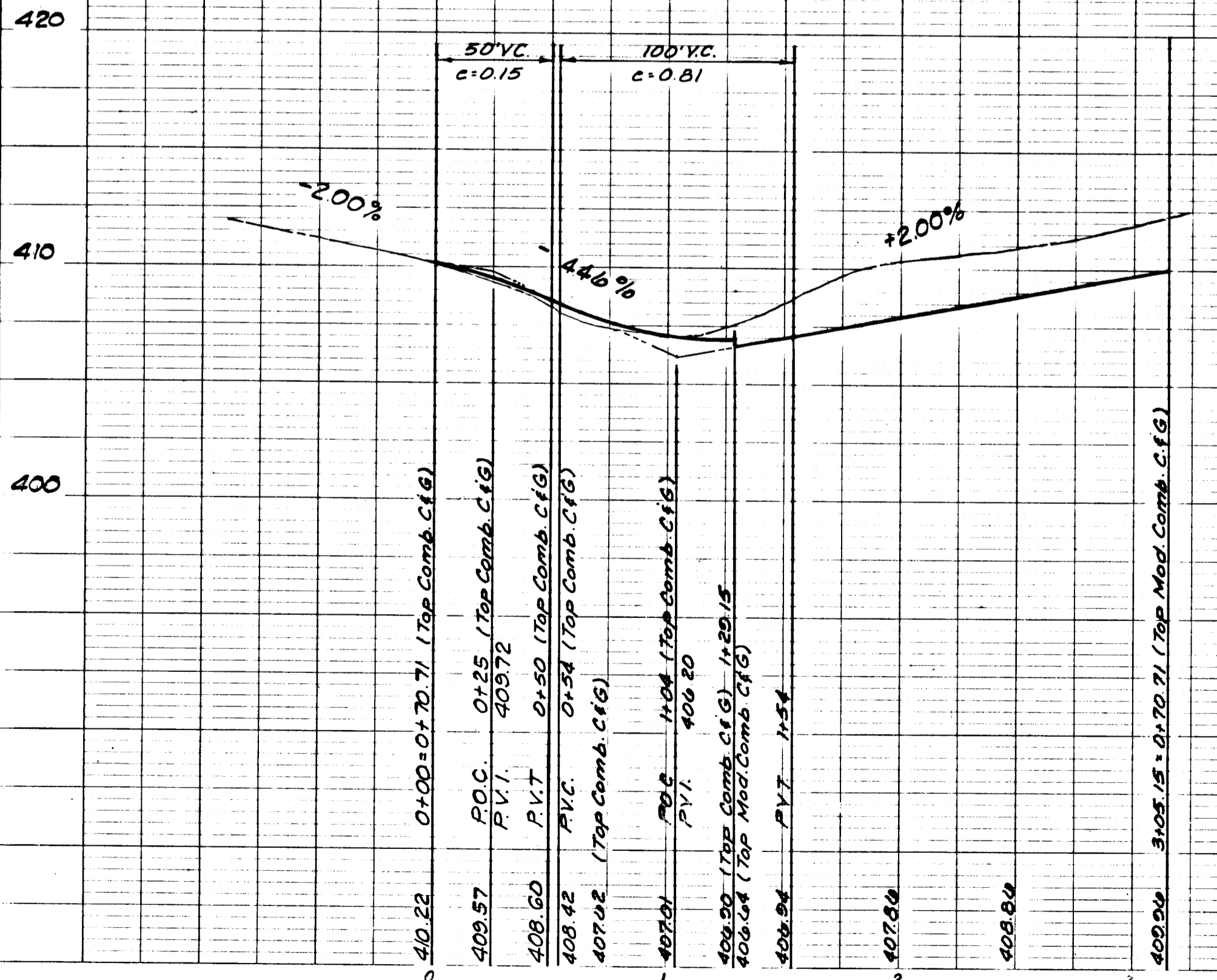
H-1 H-2 H-3 H-4 H-5
 H-6 H-7 H-8 H-9
 H-10 H-11 H-12 H-13 H-14 H-15 H-16
 H-17 H-18 H-19 H-20
 H-21 H-22 H-23 H-24

PLAN
 Scale: 1"=50'

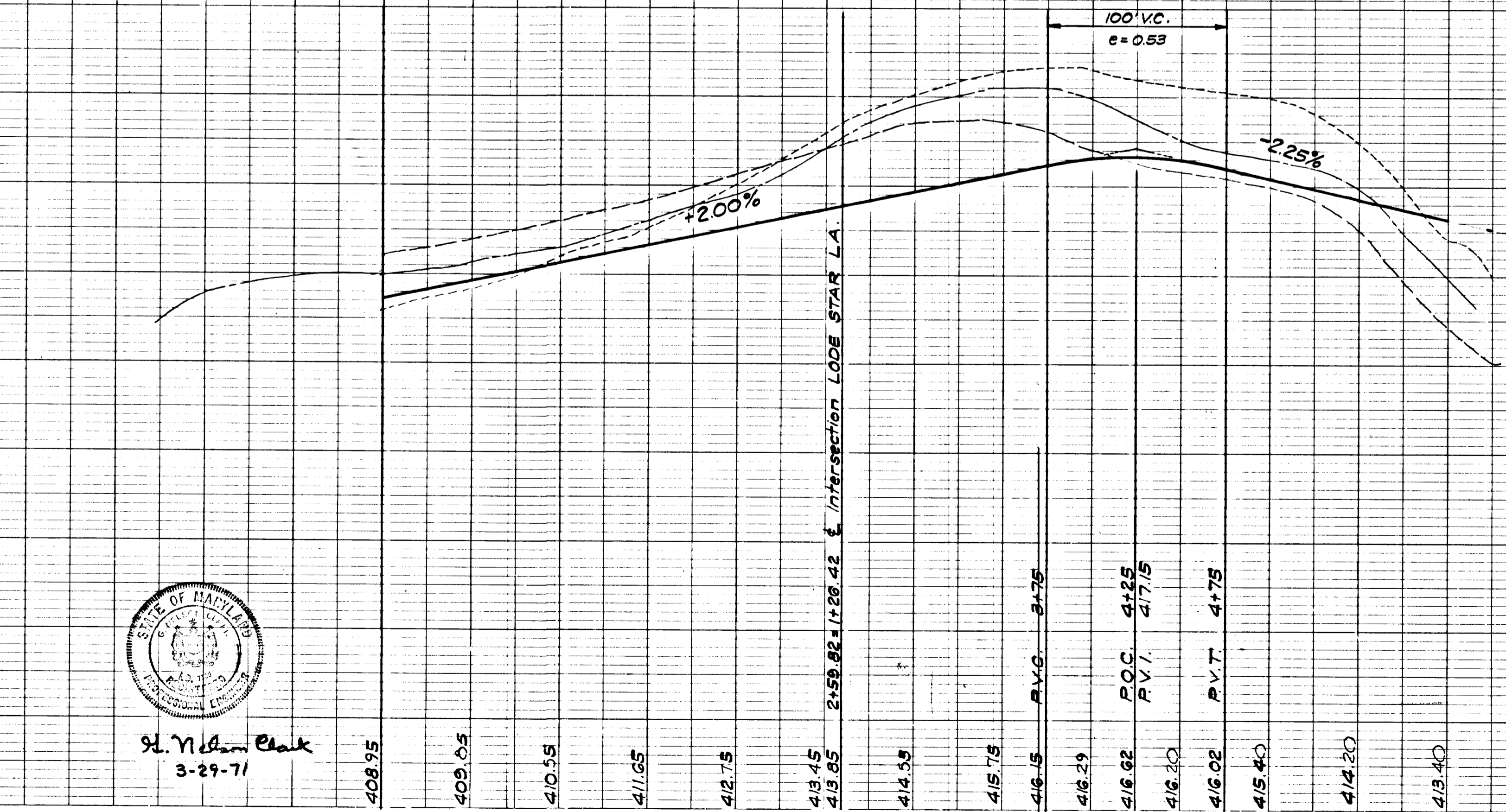
PROFILES

SCALES: HOR. 1"=50'
 VER. 1"=5'

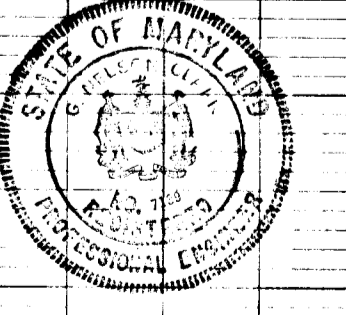
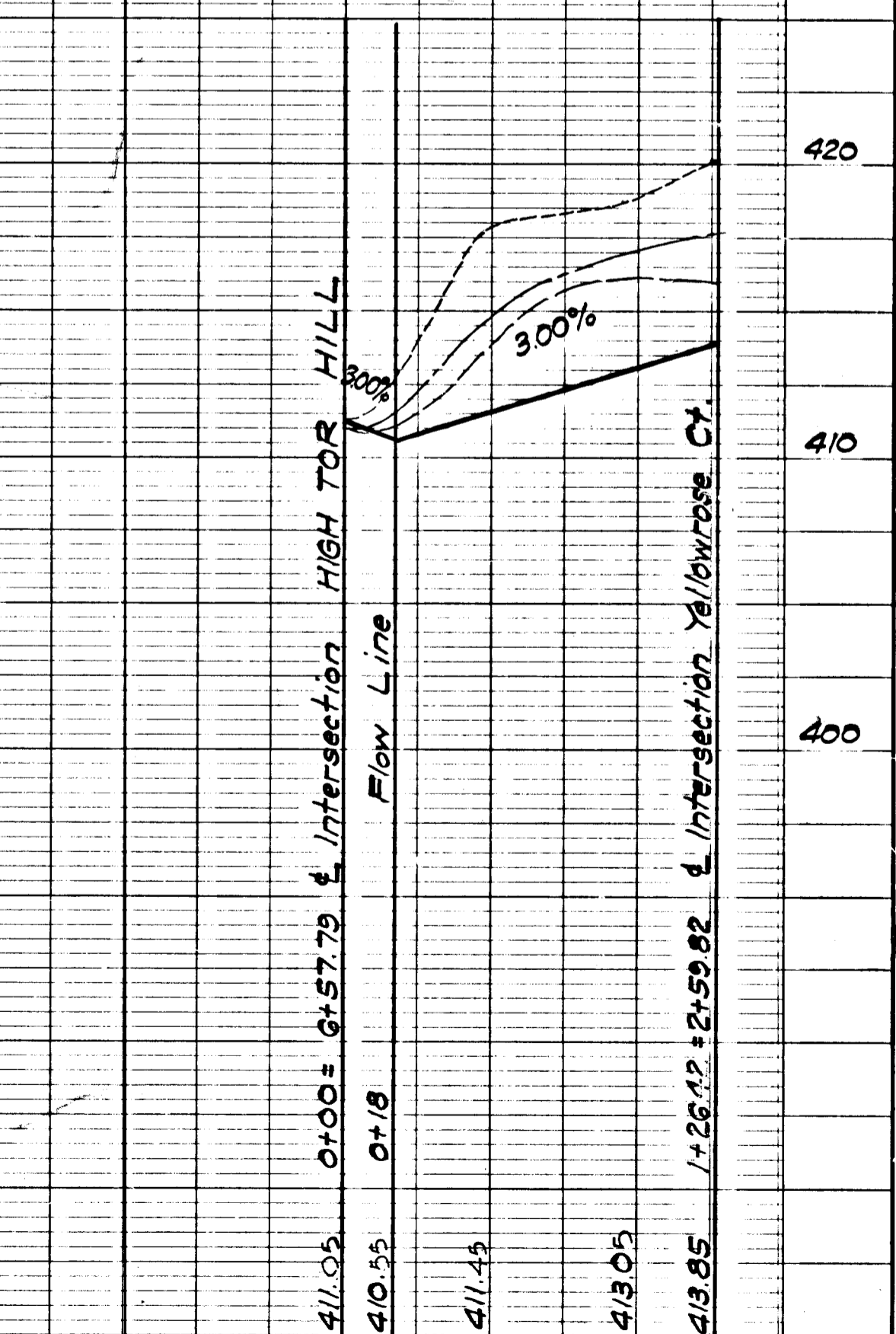
LINEAR CURB PROFILE
 Elev. shown from Sta. 1+20.15 to Sta. 3+05.15 are top of
 Modified Combination Curb & Gutter



YELLOWROSE COURT



LODE STAR LANE



St. Nicholas Clark
 3-27-71

APPROVED
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE: 5/10/73
JTC

LEGEND
 Existing ground @ ± _____
 Existing ground @ 45' Left _____
 Existing ground @ 45' Right _____
 Proposed Profile grade _____

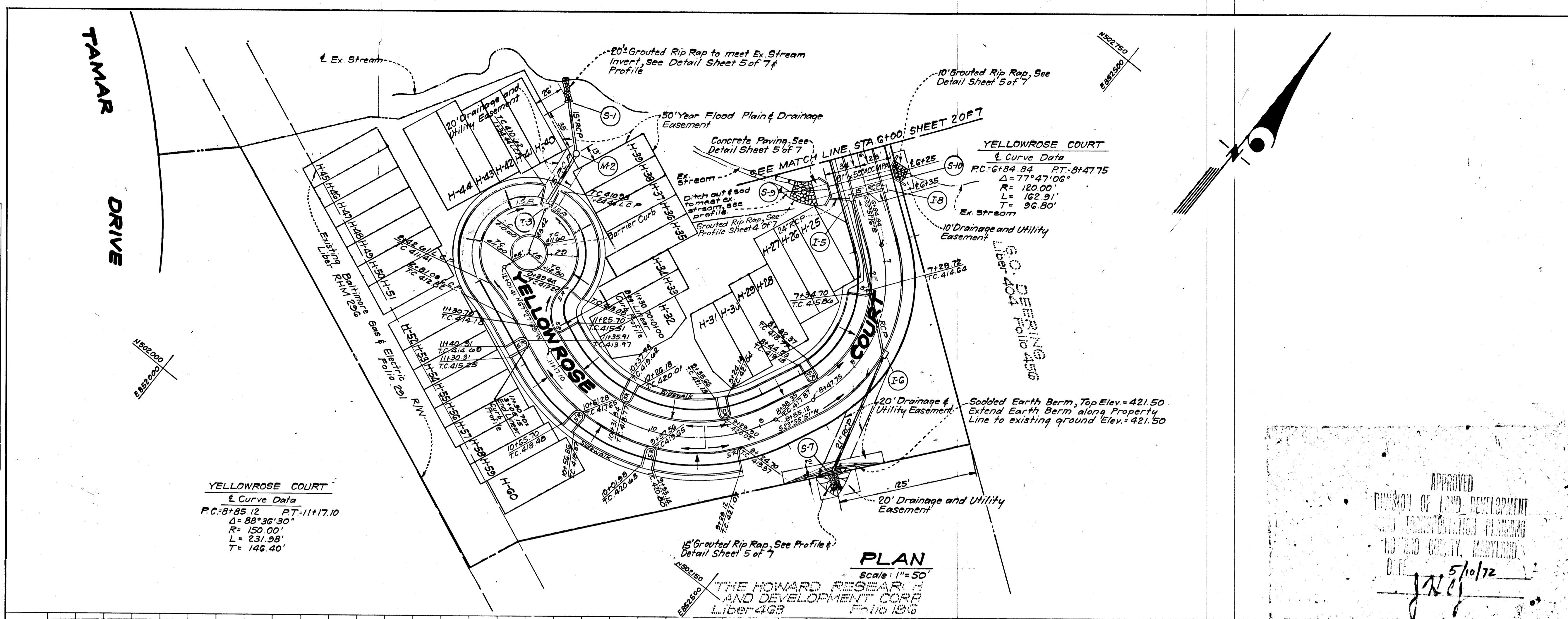
DEPARTMENT OF PUBLIC WORKS
W O Lambert 3-16-73
 Chief Engineer
 DIVISION OF PLANNING AND ZONING
J H Clouston 3/13/73
 Chief, Division of Land Development
 and Transportation Planning

COLUMBIA
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 OWNER AND DEVELOPER
ARTERY COMMUNITIES, INC.
 5530 Wisconsin Avenue
 Chevy Chase, Maryland
 PROJECT: PARCEL "H"
 VILLAGE OF LONGREACH
 SECTION 1, AREA 1
 PROJECT TITLE: STORM DRAIN PAVING PLAN
 LODE STAR LANE &
 YELLOWROSE COURT
 Des. By R.J.S. Scale: As Shown Dwg. No. 2 of 7
 Dwn. By K.W.C. Date: Feb, 1973 C.C.F.N.
 Chk. By R.J.S. Approved

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

PLAN
 SURVEYED
 NOTE BOOK
 ALIGNMENT CHECKED
 RT. OF WAY CHECKED
 NO.

PROFILE
 SURVEYED
 GRADES CHECKED
 B.M.'S NOTED
 STRUCTURE NOTATIONS CHECKED
 NO.



APPROVED
 DIVISION OF LAND DEVELOPMENT
 STORM DRAINAGE PLANNING
 HOWARD COUNTY, MARYLAND
 DATE: 5/10/72
 JWC

DEPARTMENT OF PUBLIC WORKS
 W.O. Pabert 3-16-73
 Chief, Bureau of Highways DATE
 OFFICE OF PLANNING AND ZONING
 J.W. Clowash 3/13/73
 Chief, Division of Land Development and Transportation Planning DATE

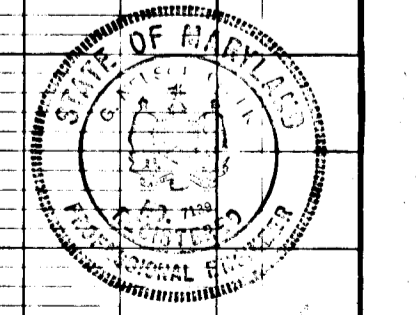
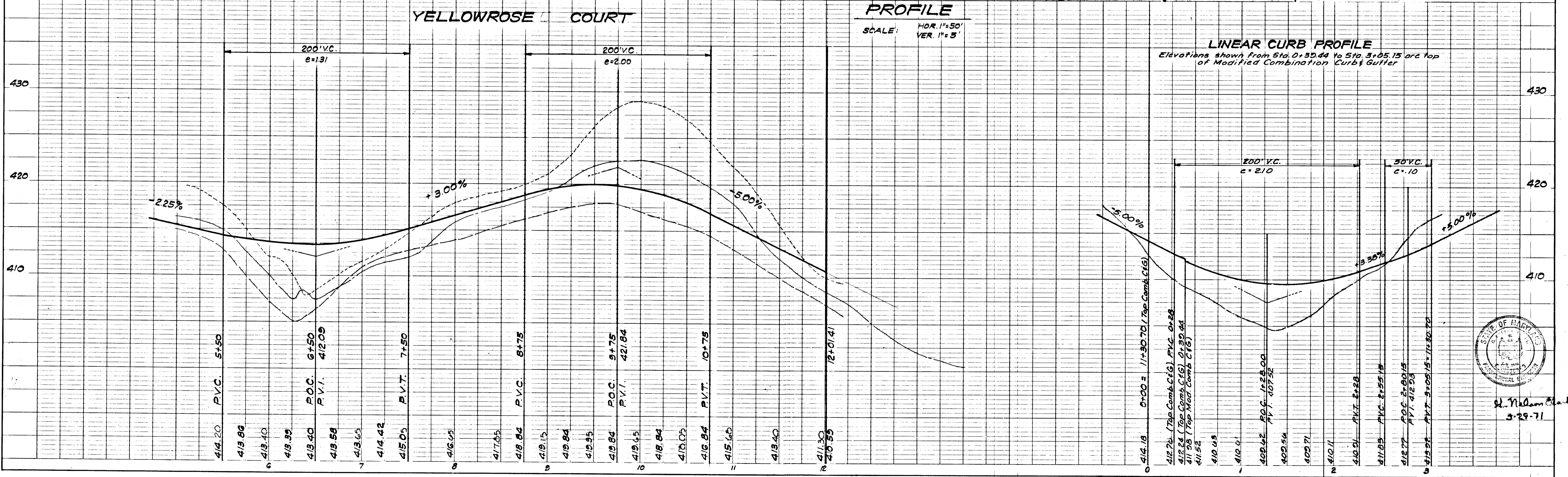
COLUMBIA
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 OWNER AND DEVELOPER
 ARTERY COMMUNITIES, INC.
 5530 Wisconsin Avenue
 Chevy Chase, Maryland

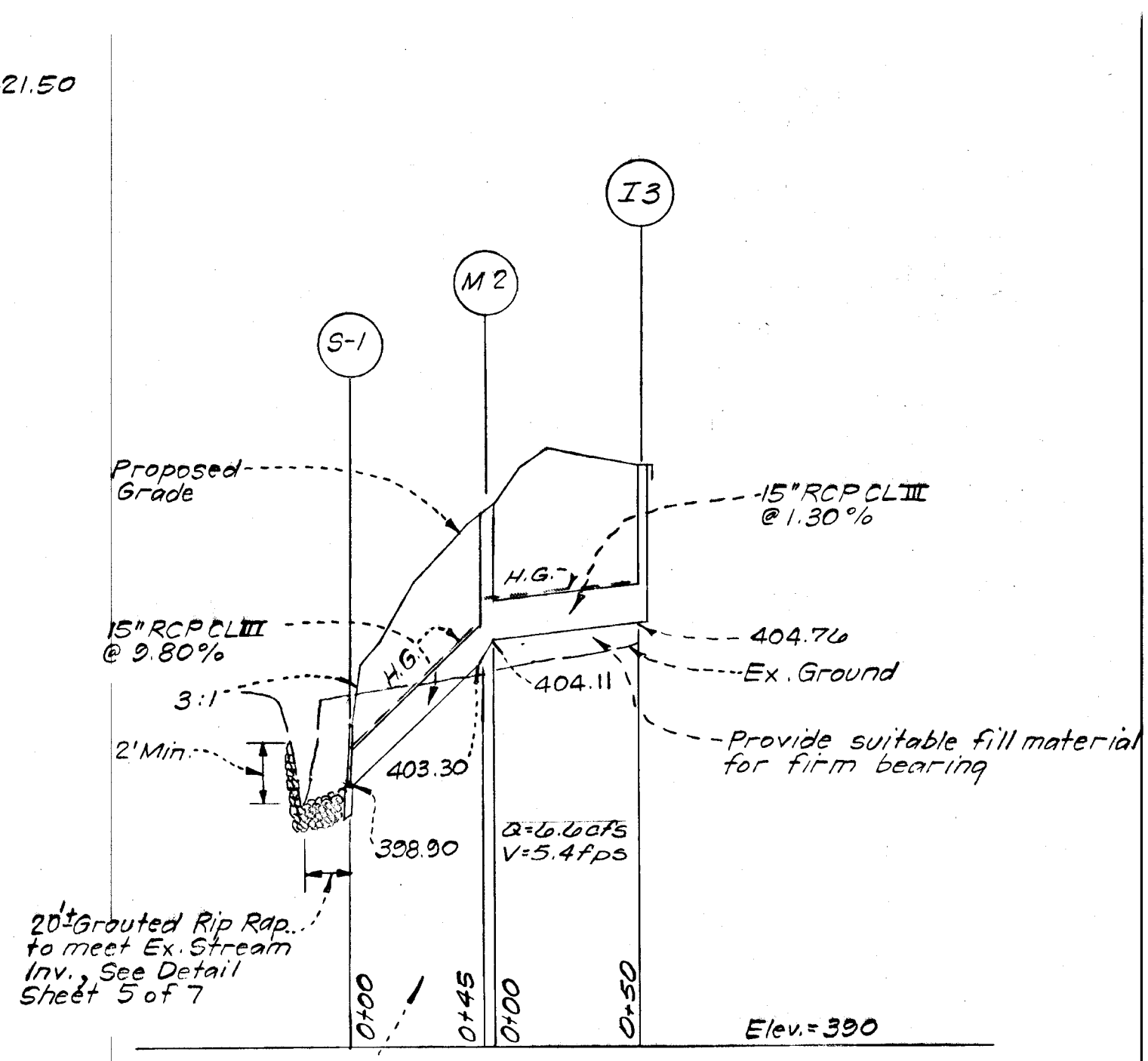
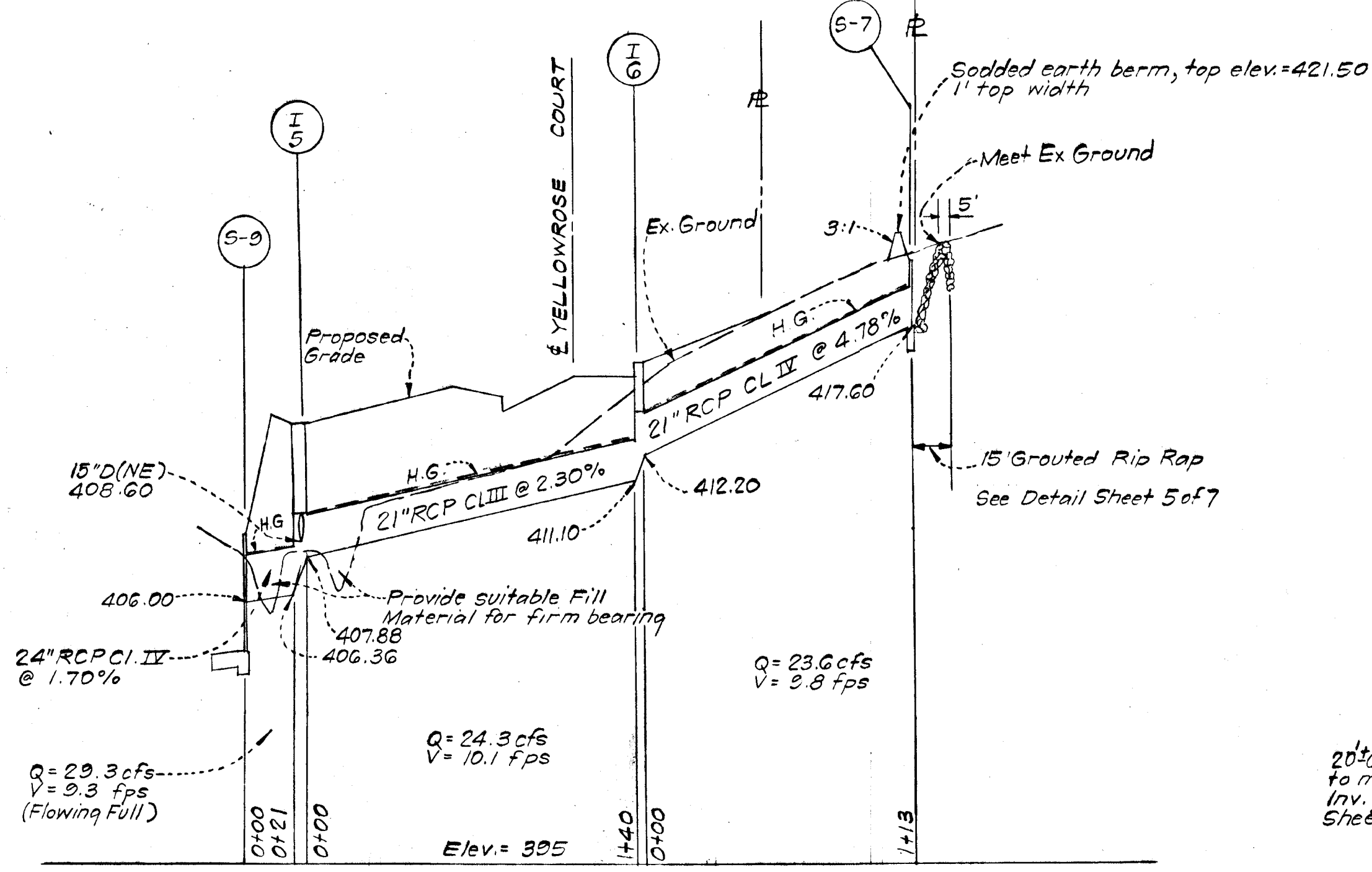
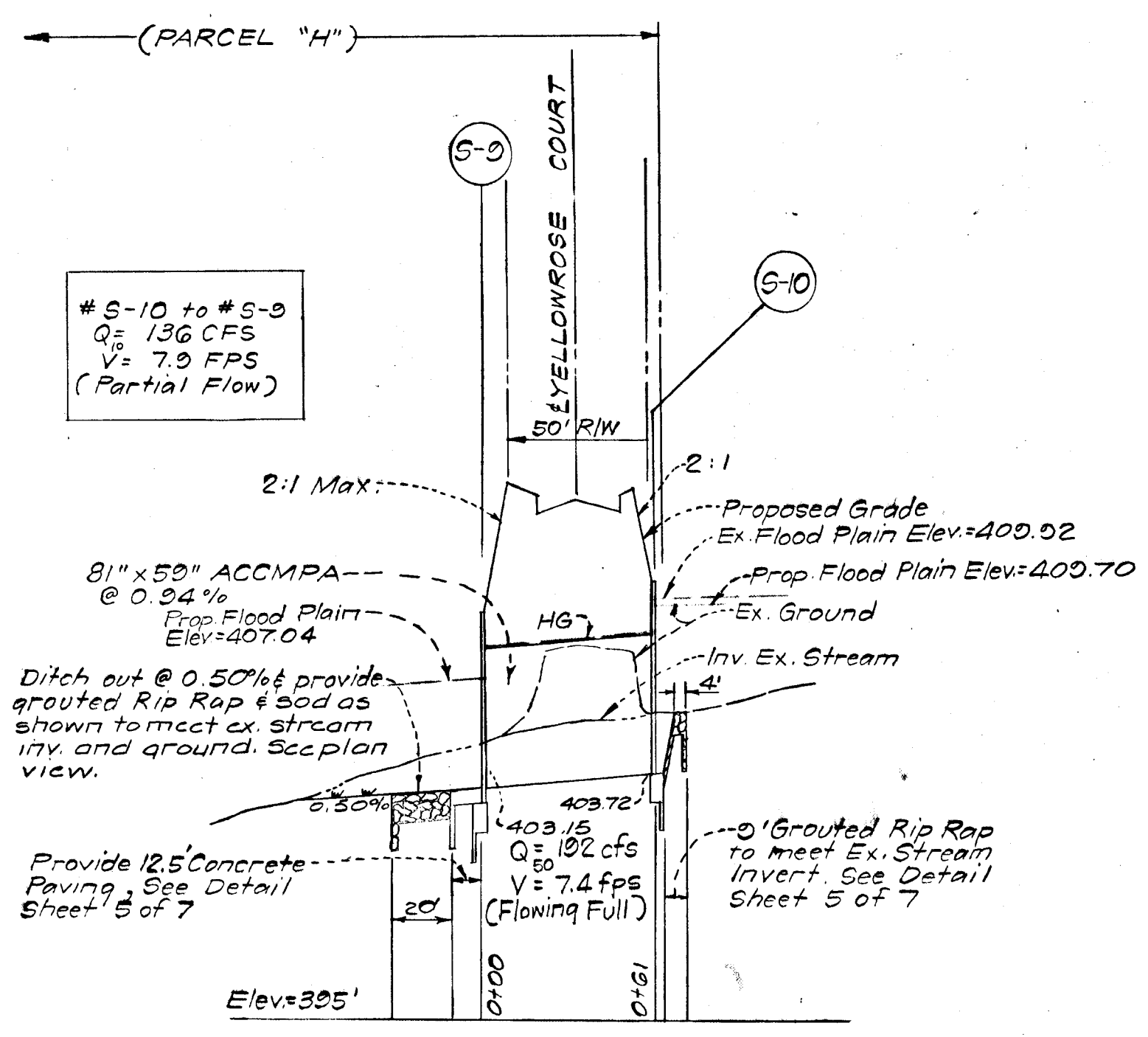
PROJECT: PARCEL "H"
 VILLAGE OF LONGREACH
 SECTION 1, AREA 1
 PROJECT TITLE: STORM DRAINAGE PAVING PLAN
 YELLOWROSE COURT

Des. By R.J.S. Scale: As Shown Dwg. No. 3 of 7
 Dwn. By K.W.C. Date: Feb., 1973 C.C.F. No.
 Chk. By R.J.S. Approved

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 ENGINEERS • PLANNERS • SURVEYORS
 817 SILVER SPRING AVENUE • SILVER SPRING, MARYLAND 20910

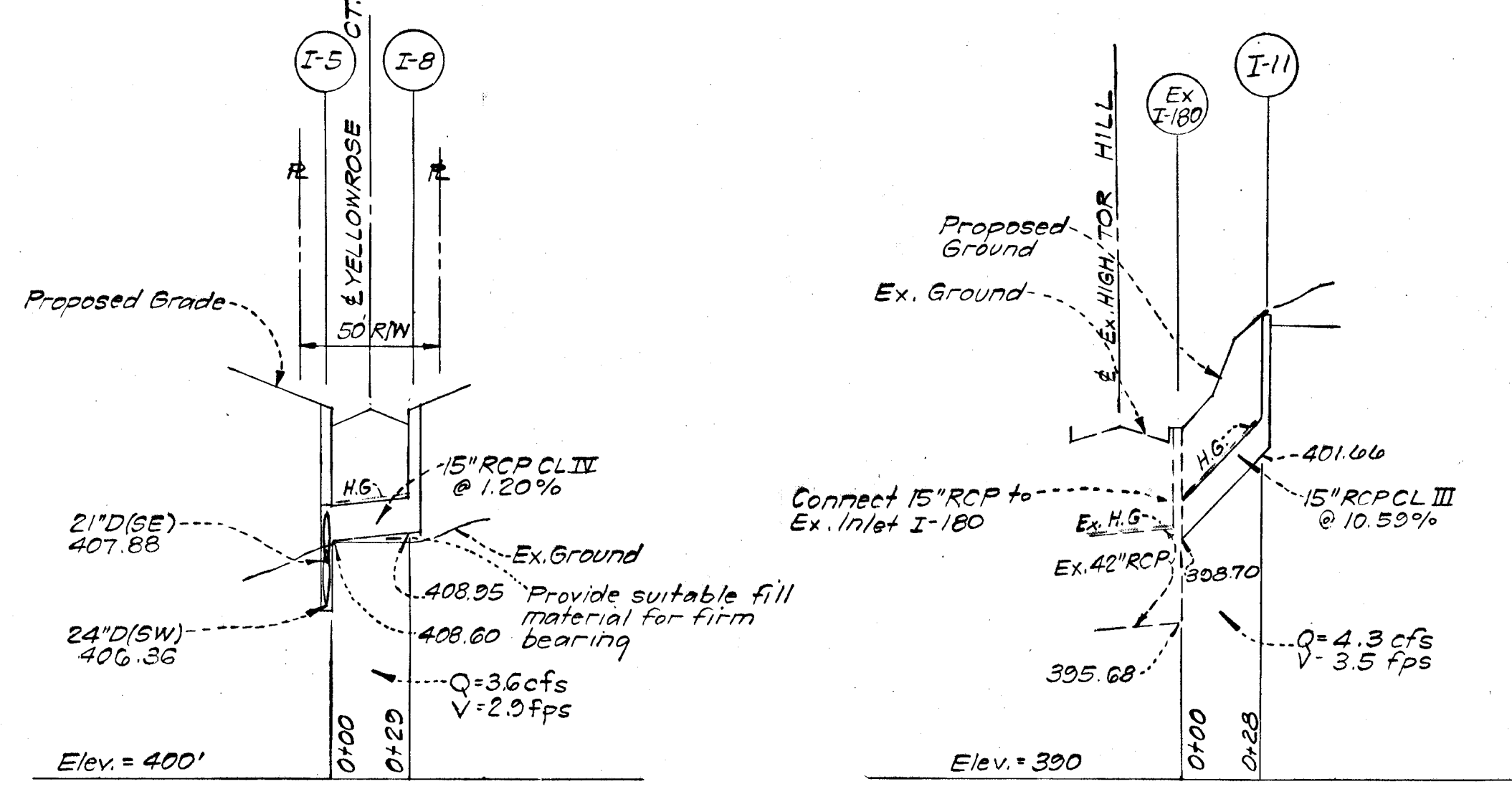
LEGEND
 Existing ground @ 45' Right
 Existing ground @ 45' Left
 Existing ground @ 45' Right
 Proposed Profile grade





STORM DRAIN PROFILES

SCALES: Hor. 1" = 50'
Ver. 1" = 5'



DEPARTMENT OF PUBLIC WORKS
W.P. Clark
Chief, Bureau of Highways
OFFICE OF PLANNING AND ZONING
3-16-73
DATE
H. Newman
Chief, Division of Land Development and Transportation Planning
3/13/73
DATE

COLUMBIA
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
OWNER AND DEVELOPER
ARTERY COMMUNITIES, INC.
5520 Wisconsin Avenue
Chevy Chase, Maryland 20015

PROJECT: PARCEL "H"
VILLAGE OF LONGREACH
SECTION I AREA I

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

Des. By R.J.S. Scale: As Shown Dwg. No. 4 of 7
Dwn. By K.W.C. Date: Feb., 1973 C.C.F.N.
Chk. By R.J.S. Approved

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

APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 5/10/72
J.W.C.

STRUCTURE SCHEDULE

No.	TYPE	TOP ELEV. UPPER LOWER	REMARKS	LOCATION
S-1	C-Endwall		Howard Co. Std. for D=15"	See Plan
M-2	B-Manhole	408.60	" " " 4'x4'	" "
I-3	A-5 Inlet	409.58 409.88	" " " w=2'-6"	1+29.44 L.C.P.*
I-5	A-5 Inlet	413.40 413.40	" " " w=2'-6"	6+35 - RT.
I-6	A-5 Inlet	416.00 415.21	" " " w=3'-6"	7+76 - LT.
S-7	C-Endwall		" " " for D=21"	See Plan
I-8	A-5 Inlet	413.40 413.40	" " " w=2'-6"	6+35 - LT.
S-9	B-Arch Headwall		" " " for (25x67 Pipe)*	6+25 - 34' RT.
S-10	B-Arch Headwall		" " " for (25x67 Pipe)	6+25 - 27' LT.
I-11	A-5 Inlet	406.92 406.92	Howard Co. Std. w=2'-6"	1+12.15 L.C.P.*

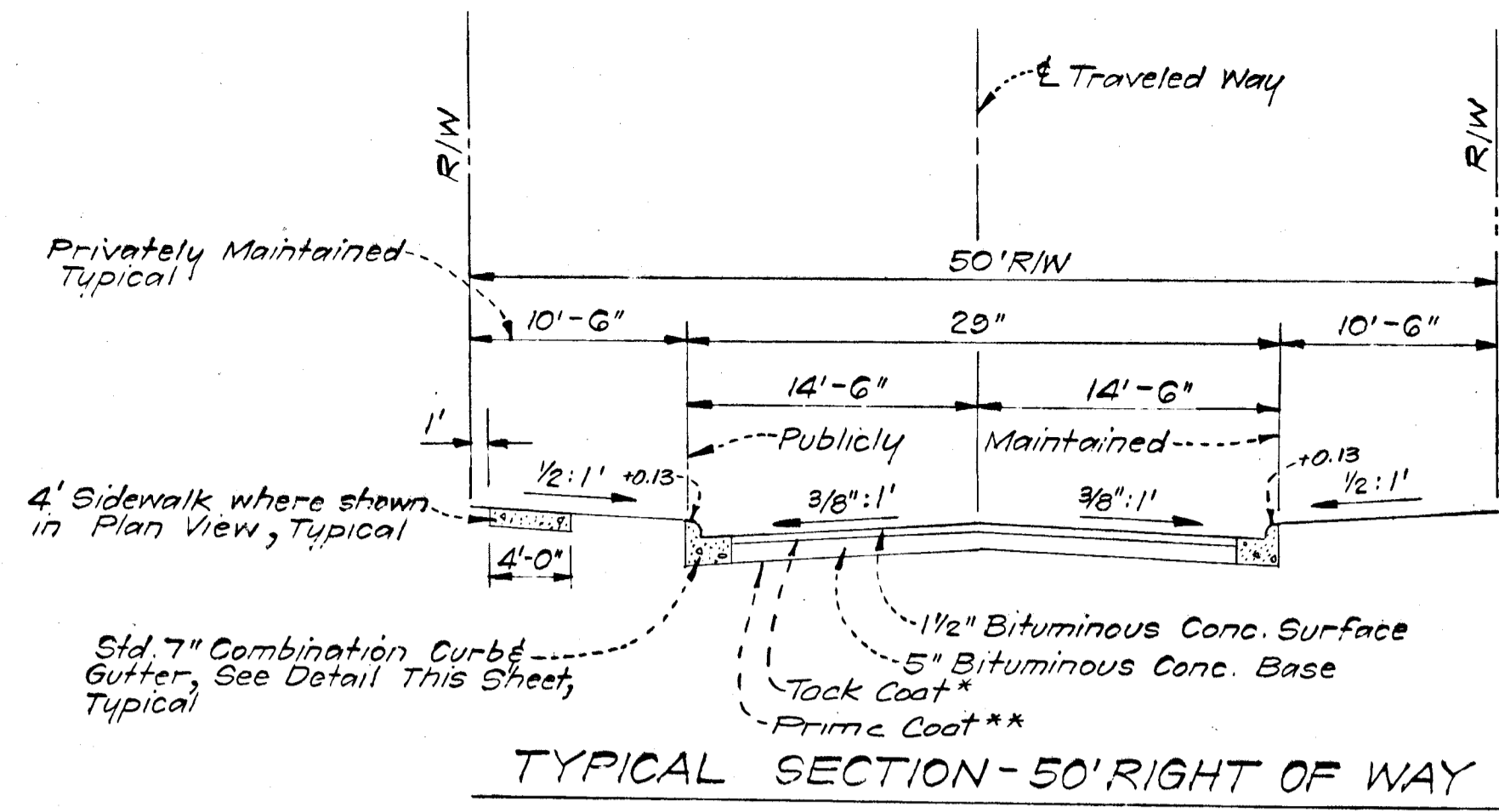
* Linear Curb Profile - 43.42' from Radius Pt to Face of Curb - See Plan
** See Details, Sheet 5 of 6

PIPE SCHEDULE

SIZE	TYPE	LENGTH
15"	RCP CL. III	123'
15"	RCP CL. IV	29'
21"	RCP CL. III	140'
21"	RCP CL. IV	113'
24"	RCP CL. IV	21'
81x59"	ACCPA (6A.12)	61'

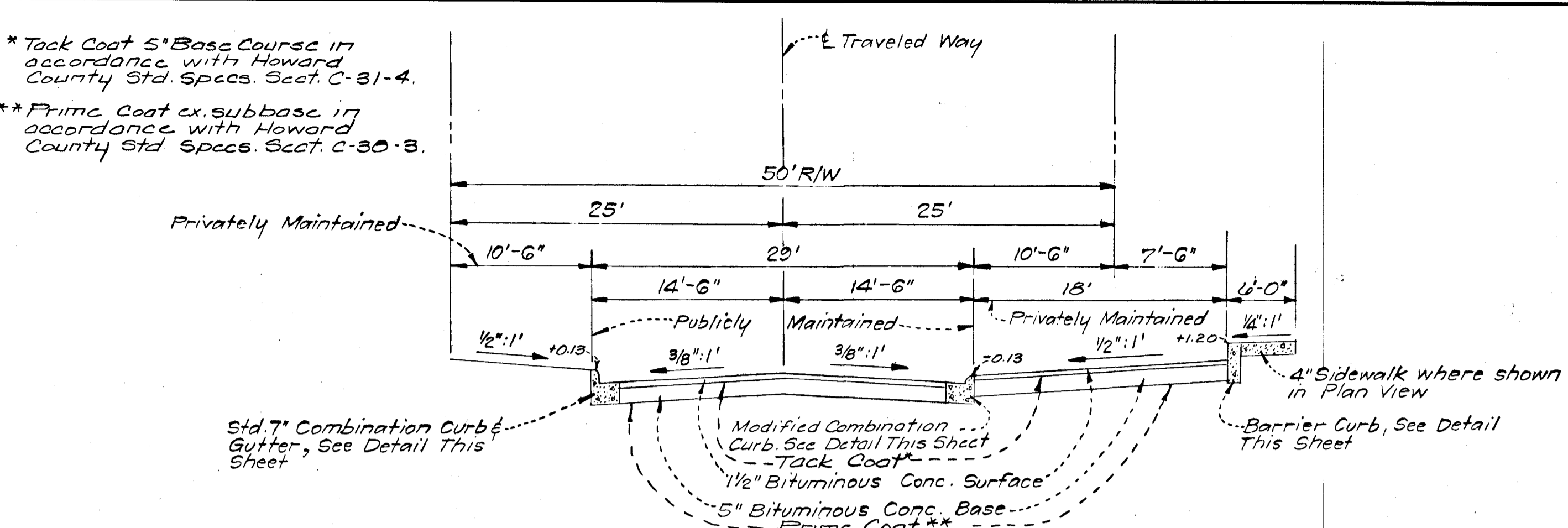


H. Newman
3-29-71



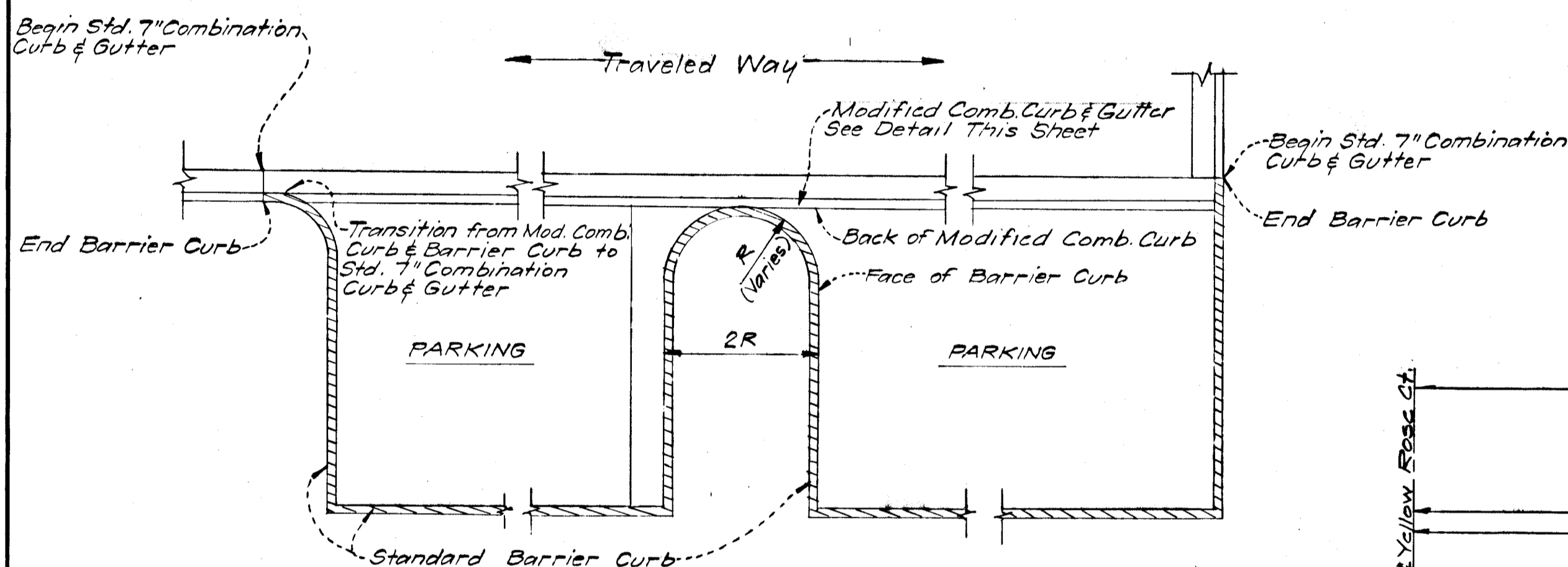
TYPICAL SECTION - 50' RIGHT OF WAY
 NO PARKING
 NO SCALE

Note: See special grading section (below to the right) for Sta. 5+00 to Sta. 7+00 (left side) on Yellow Rose Court.

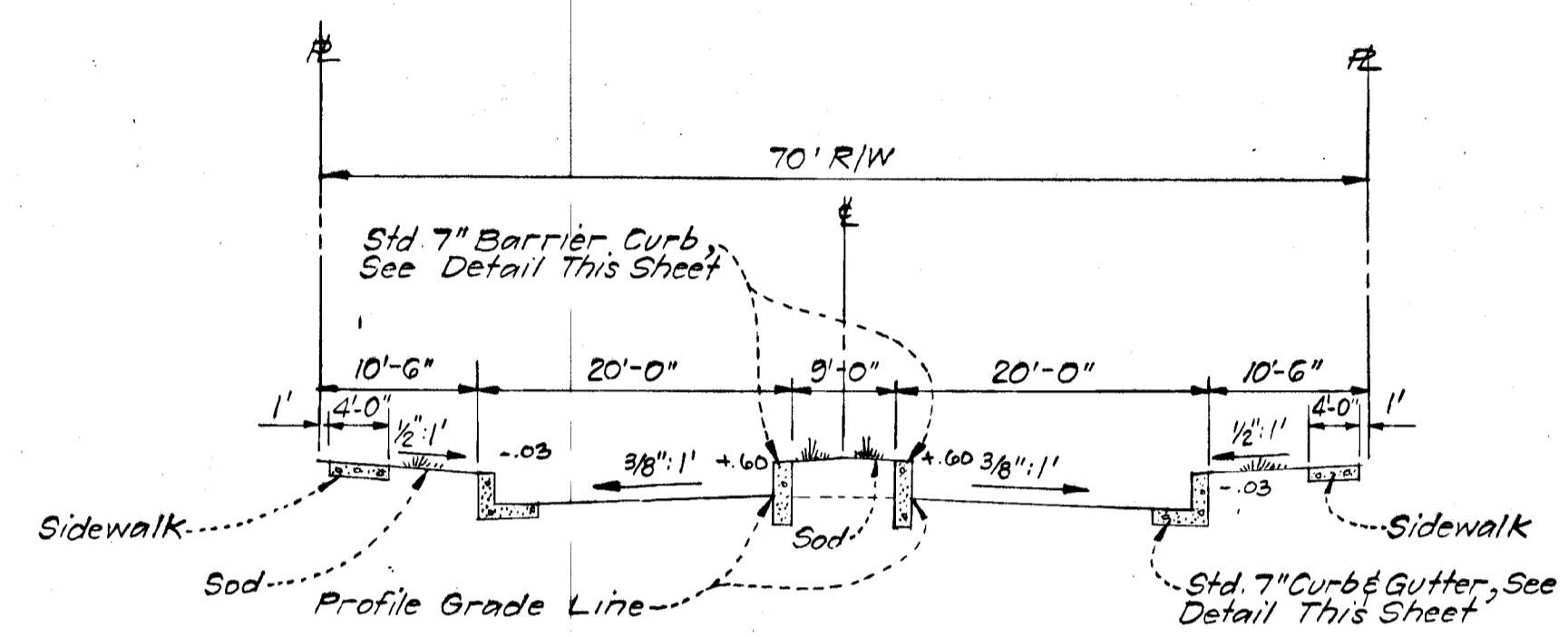


TYPICAL SECTION WITH PARKING AREAS
 NO SCALE

NOTE: Where Barrier Curb is used in conjunction with Modified Combination Curb & Gutter (at parking islands adjacent to street), total vertical distance from gutter to top of curb will equal 7 3/8" or 0.60'.

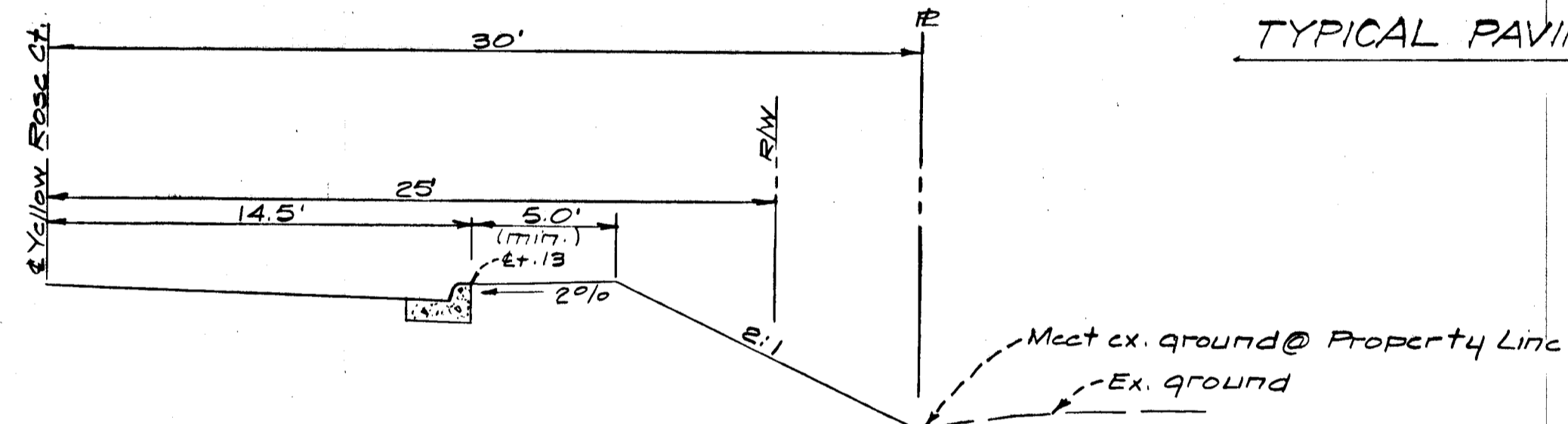


CURB & GUTTER DETAIL FOR PARKING AREAS
 NO SCALE

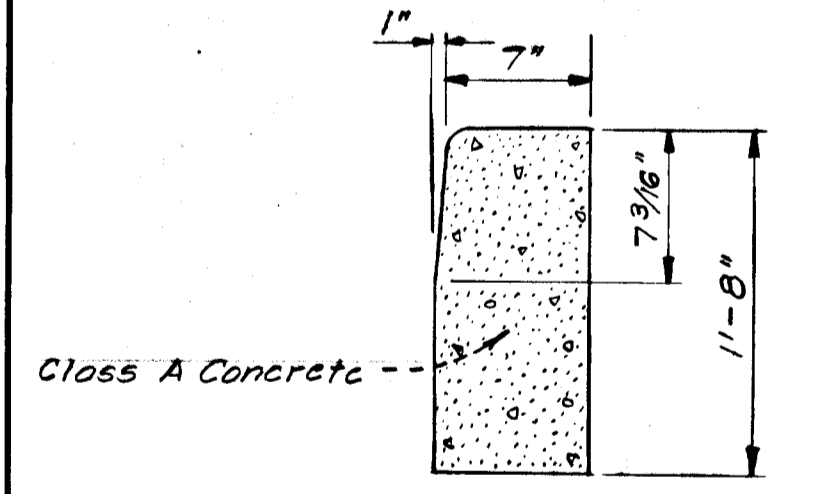


TYPICAL PAVING SECTION LODE STAR LANE
 NO SCALE

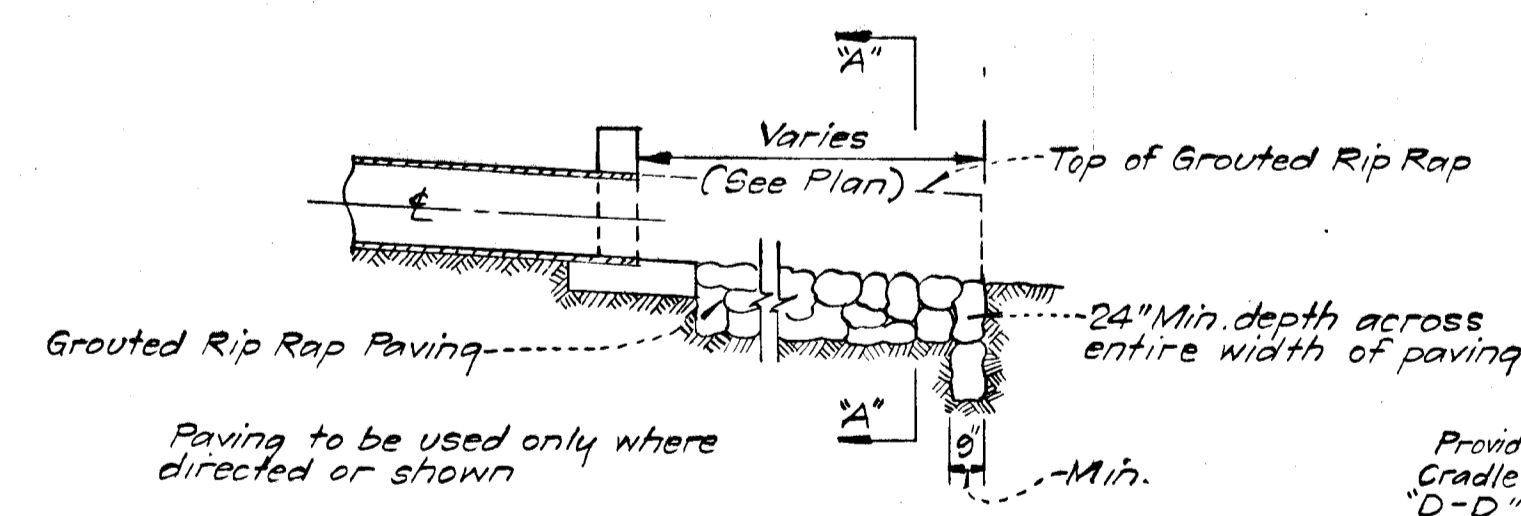
NOTE: For paving description, see Detail this sheet



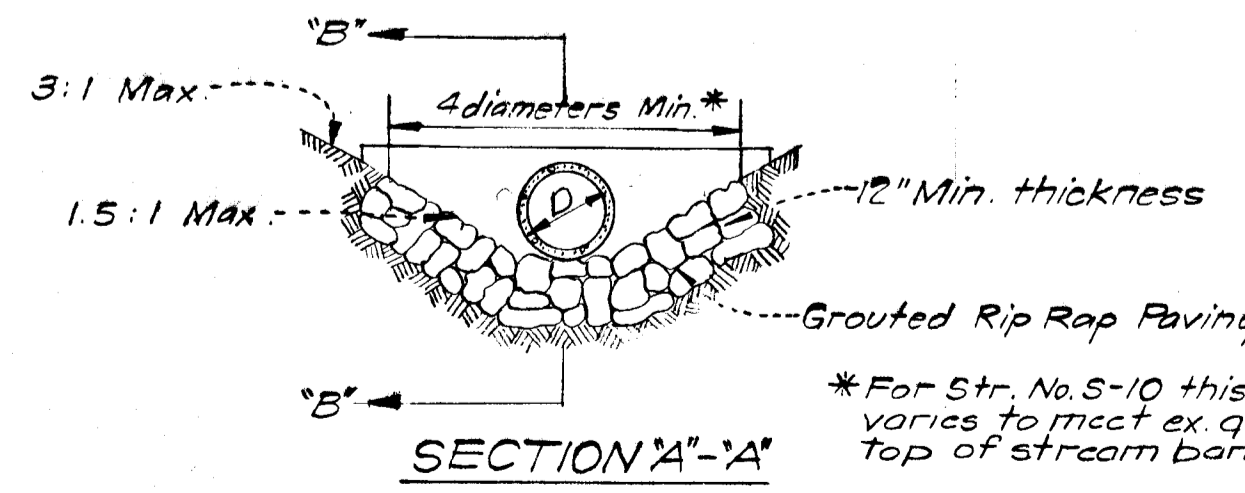
SPECIAL GRADING SECTION
 Sta. 5+00 to Sta. 7+00 (Left Side)
 YELLOW ROSE COURT
 No Scale



TYPICAL DETAIL BARRIER CURB
 NO SCALE

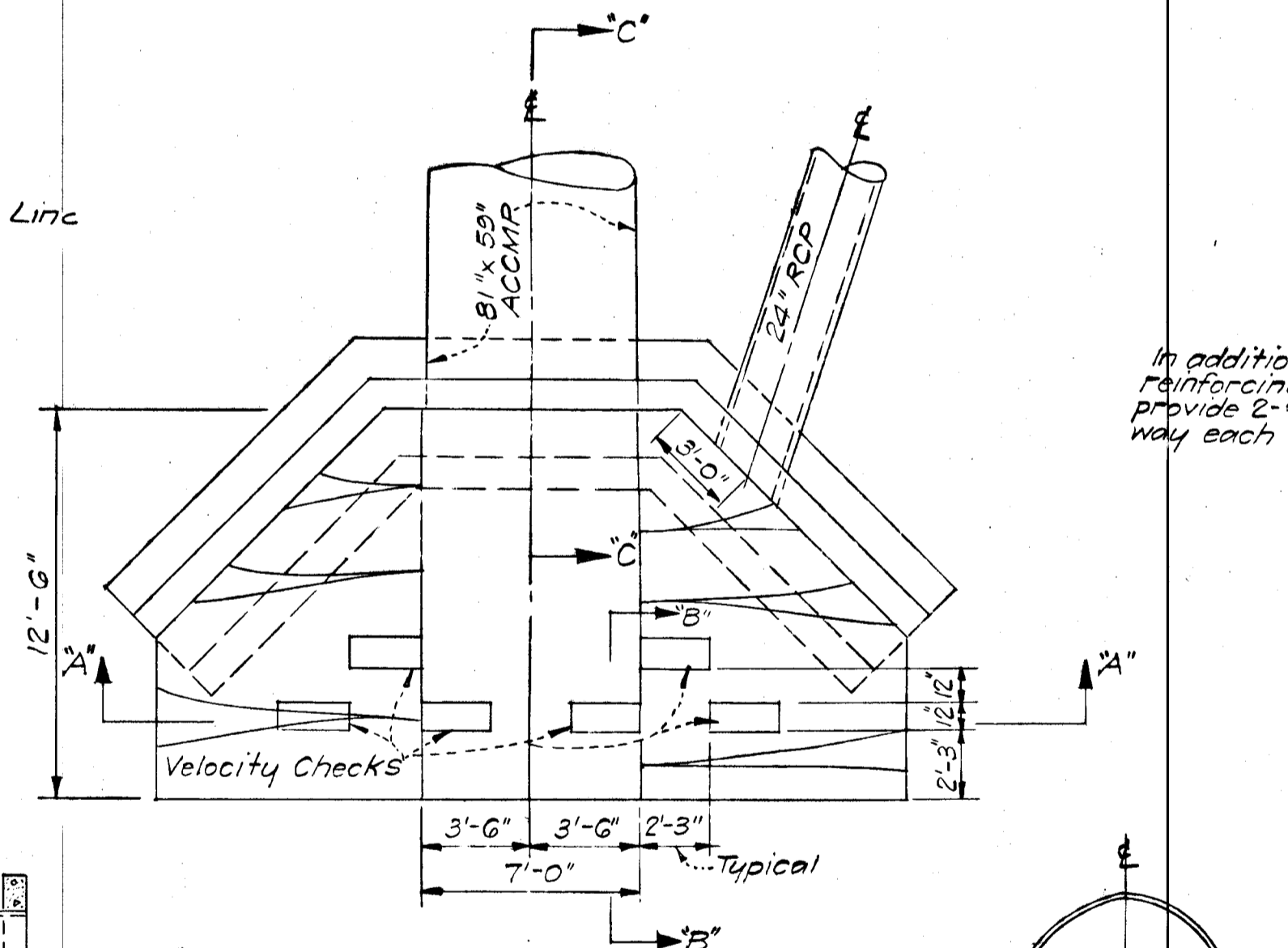


SECTION B-B
 NO SCALE

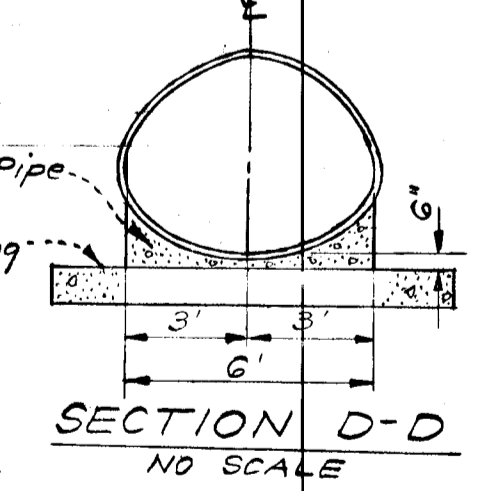


RIP RAP PAVING DETAIL FOR STRUCTURE Nos. S-1, S-7 & S-10
 NO SCALE

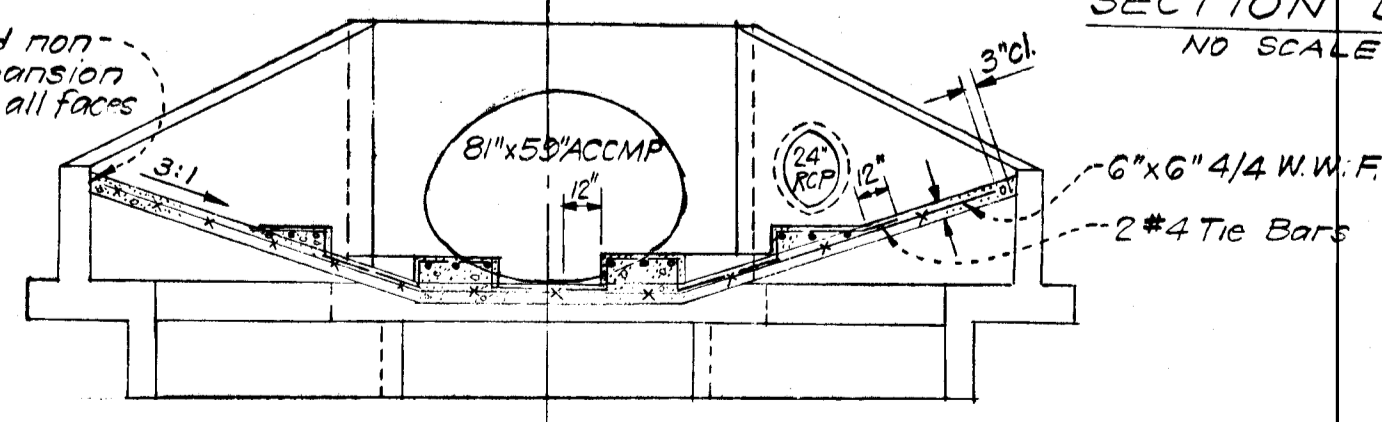
*For Str. No. S-10 this dimension varies to meet ex. ground and top of stream bank.



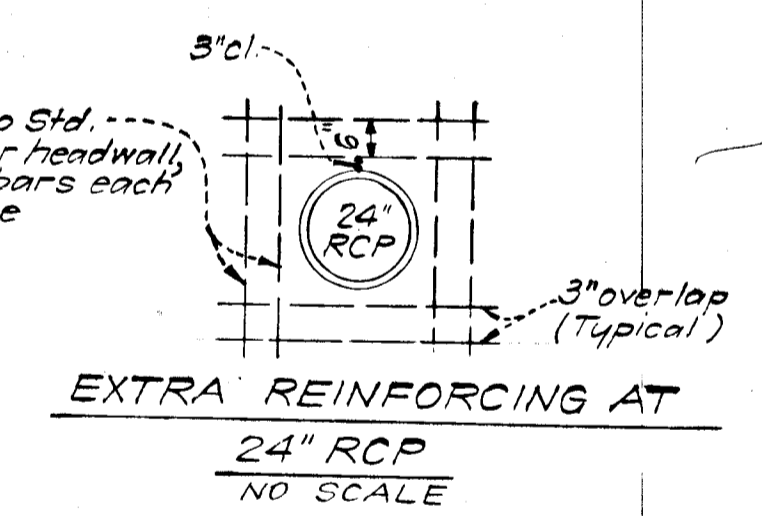
PLAN
 Scale: 1" = 5'-0"



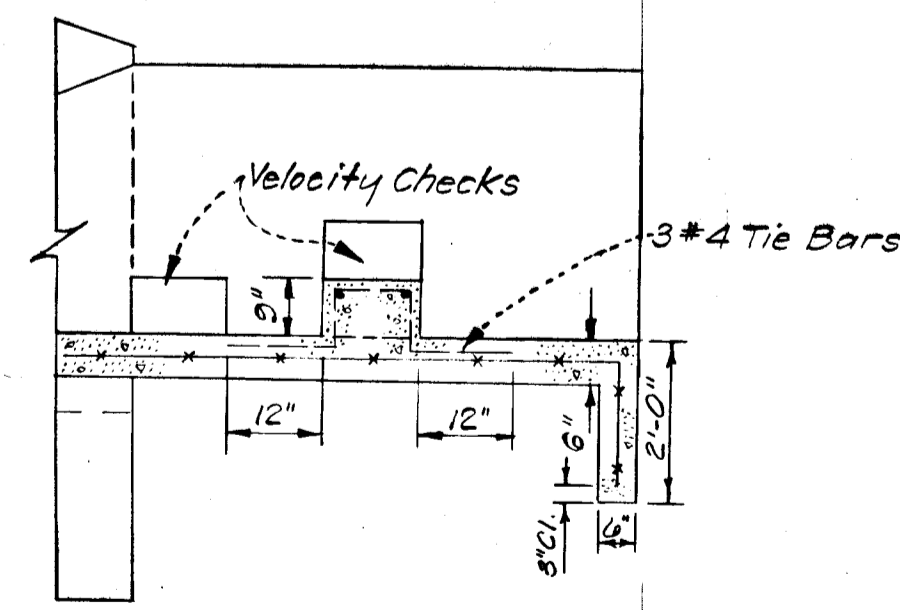
SECTION D-D
 NO SCALE



SECTION A-A
 Scale: 1" = 5'-0"



EXTRA REINFORCING AT 24" RCP
 NO SCALE



SECTION B-B
 NO SCALE

DETAILS STRUCTURE No. S-9
 SCALE: AS SHOWN

APPROVED
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE: 5/10/72
J. Nelson Clark

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

COLUMBIA
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 OWNER AND DEVELOPER
 ARTERY COMMUNITIES, INC.
 5530 Wisconsin Avenue
 Chevy Chase, Maryland 20015
 PROJECT: PARCEL "H"
 VILLAGE OF LONGREACH
 SECTION I
 AREA I
 PROJECT TITLE: STORM DRAIN & PAVING PLAN
 DETAILS

Des. By R.J.S. Scale: AS SHOWN Dwg. No. S-9 of 7
 Dwn. By K.W.C. Date: Feb., 1973 C.C.F.N. #
 Chk. By R.J.S. Approved

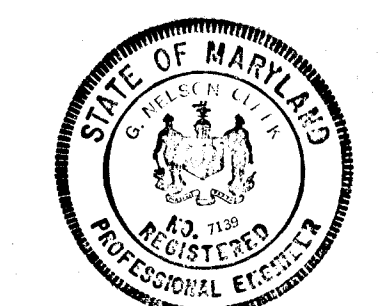
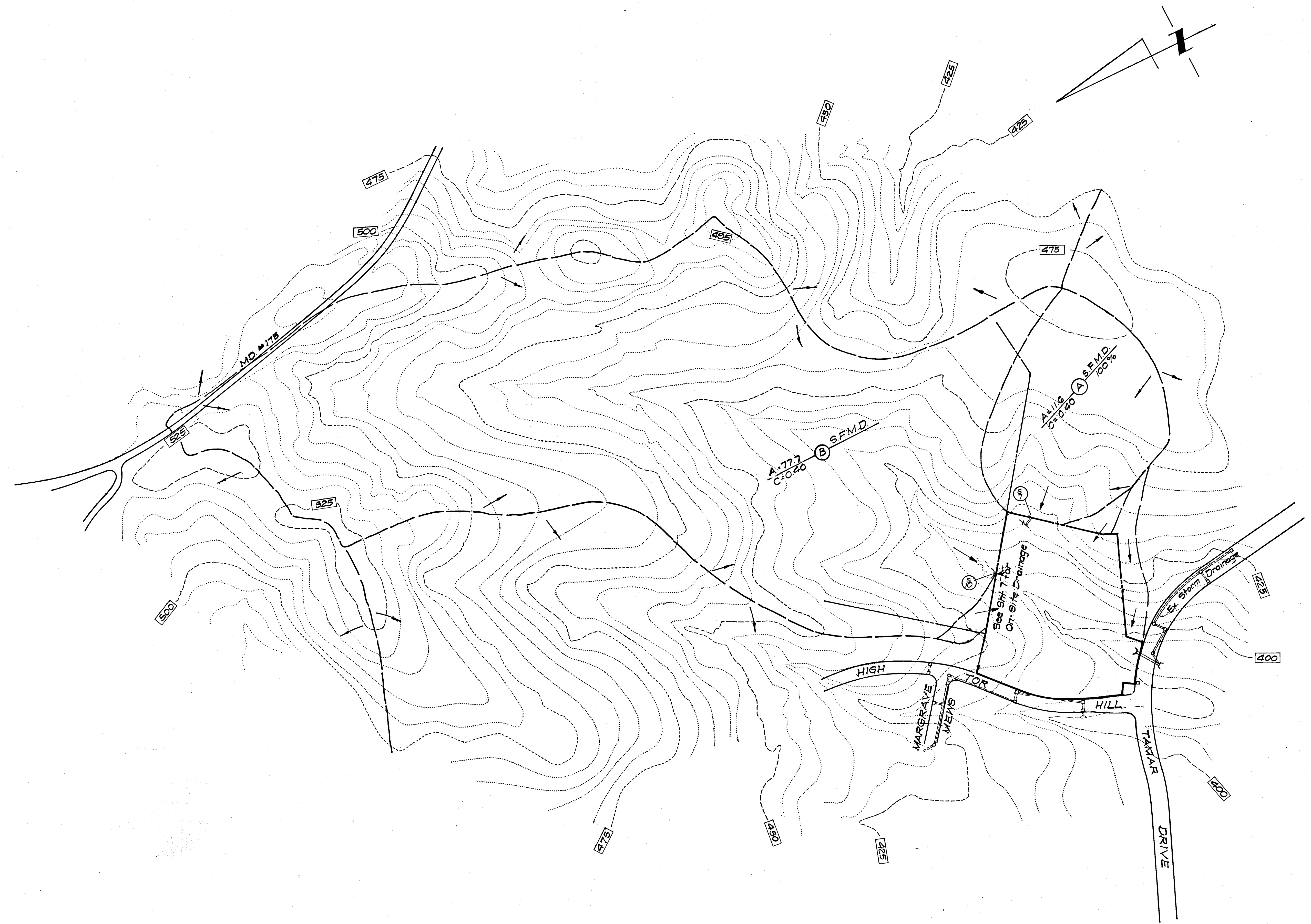


J. Nelson Clark
 3-29-73

W. O. Falbert 3-16-73
Chief, Bureau of Highways DATE

William A. ... 5/13/73
Chief, Division of Land Development and Transportation Planning DATE

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 5/10/72



H. Nelson Clark
3-29-71

CLARK • FINEBROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 817 SILVER SPRING AVENUE • SILVER SPRING, MARYLAND 20910 (301) 589-5100		
DESIGNED RJS	OFF-SITE DRAINAGE AREA MAP PARCEL 'H'	SCALE 1"=200'
DRAWN CUJ	VILLAGE OF LONGREACH PHELPS LUCK AND LOCUST PARK	DRAWINGS 6 of 7
CHECKED RJS.	COLUMBIA HOWARD COUNTY, MARYLAND	FILE NO. 1005-D
DATE Feb, 1973	FOR: ARTERY COMMUNITIES, INC. 5530 Wisconsin Avenue Chevy Chase, Maryland 20015	

