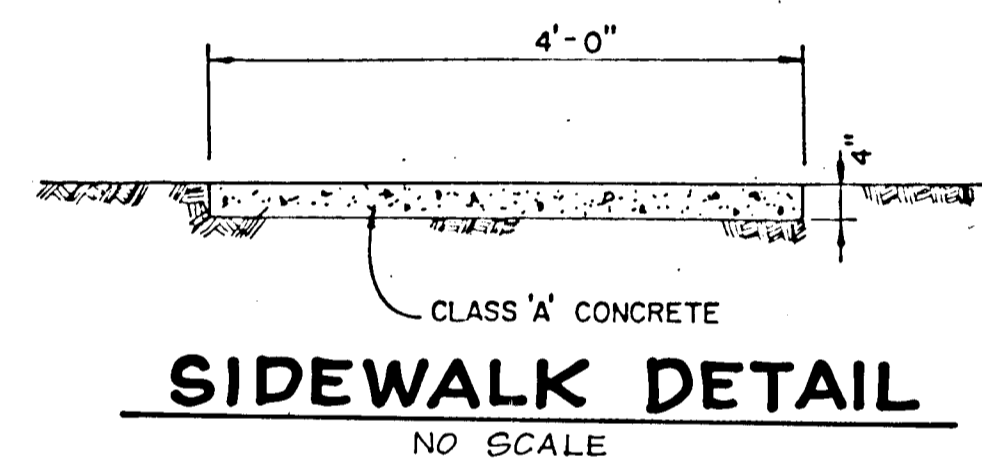
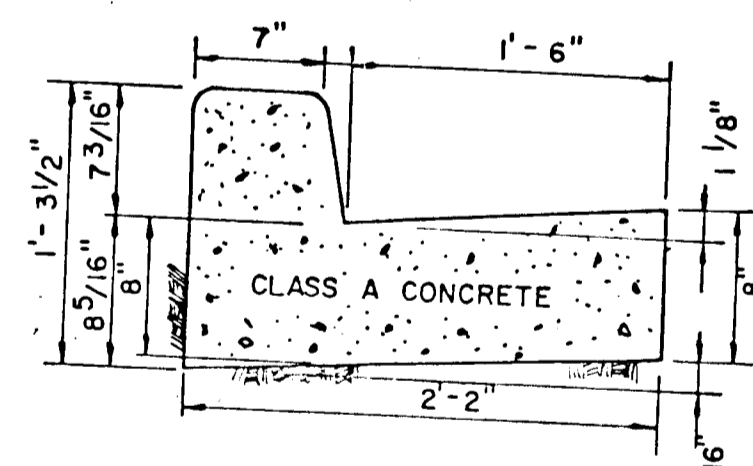


CURB CURVE DATA				
CURVE	RADIUS	LENGTH	Δ	TANGENT
1	28.75'	35.39'	70°31'44"	20.33'
2	44.00'	200.86'	261°32'59"	-
3	200.00'	38.47'	11°01'15"	19.29'

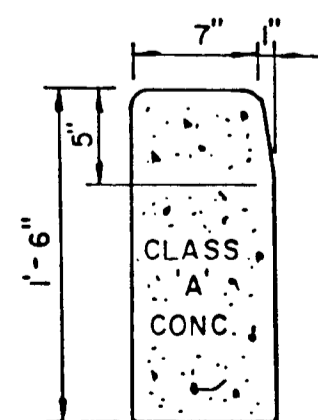
**NARROW WIND WAY & FARTHEST THUNDER CT.
CUL-DE-SAC FOR A 50' R/W**
SCALE: 1"=30'



CLASS 'A' CONCRETE
SIDEWALK DETAIL
NO SCALE

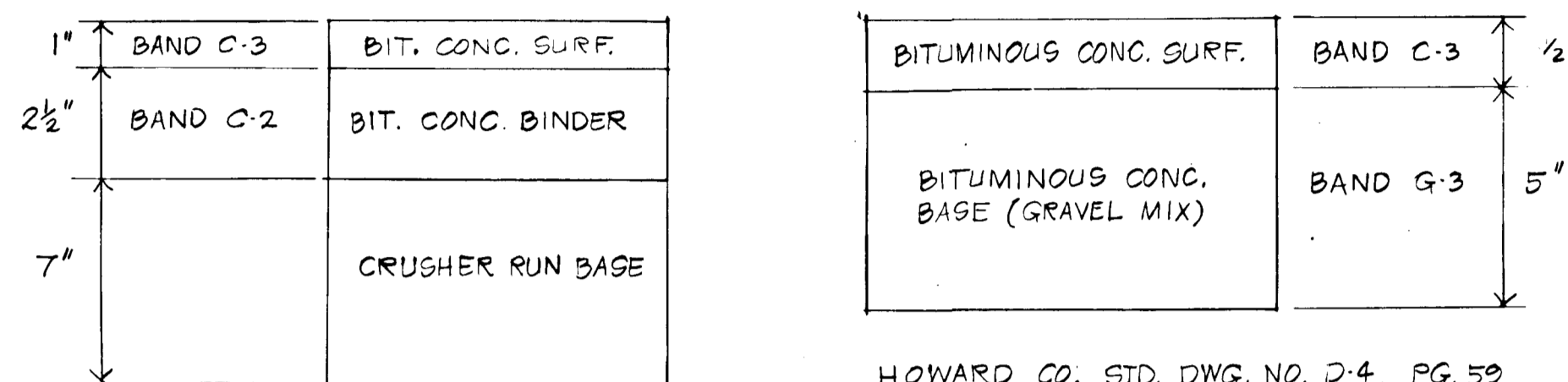


HOWARD CO. STANDARD (D-40, Pg. 95)
STD. 7" COMB. CURB & GUTTER
NO SCALE



HOWARD CO. STANDARD (D-40, Pg. 95)
STD. BARRIER DETAIL
NO SCALE

NOTE: ONLY ONE PAVING SECTION SHALL BE USED THROUGHOUT THE LIMITS OF THESE PLANS



HOWARD CO. STD. DWG. NO. D-5, PG. 60

CLEARING & GRADING: ARTICLE C-1
SUBGRADE: ARTICLE C-2
BASE COURSE: ARTICLE C-25
BINDER COURSE: ARTICLE C-31 OR C-33
SURFACE COURSE: ARTICLE C-31

HOWARD CO. STD. DWG. NO. D-4, PG. 59

CLEARING & GRADING: ARTICLE C-1
SUBGRADE: ARTICLE C-2
BASE COURSE: ARTICLE C-33
SURFACE COURSE: ARTICLE C-31

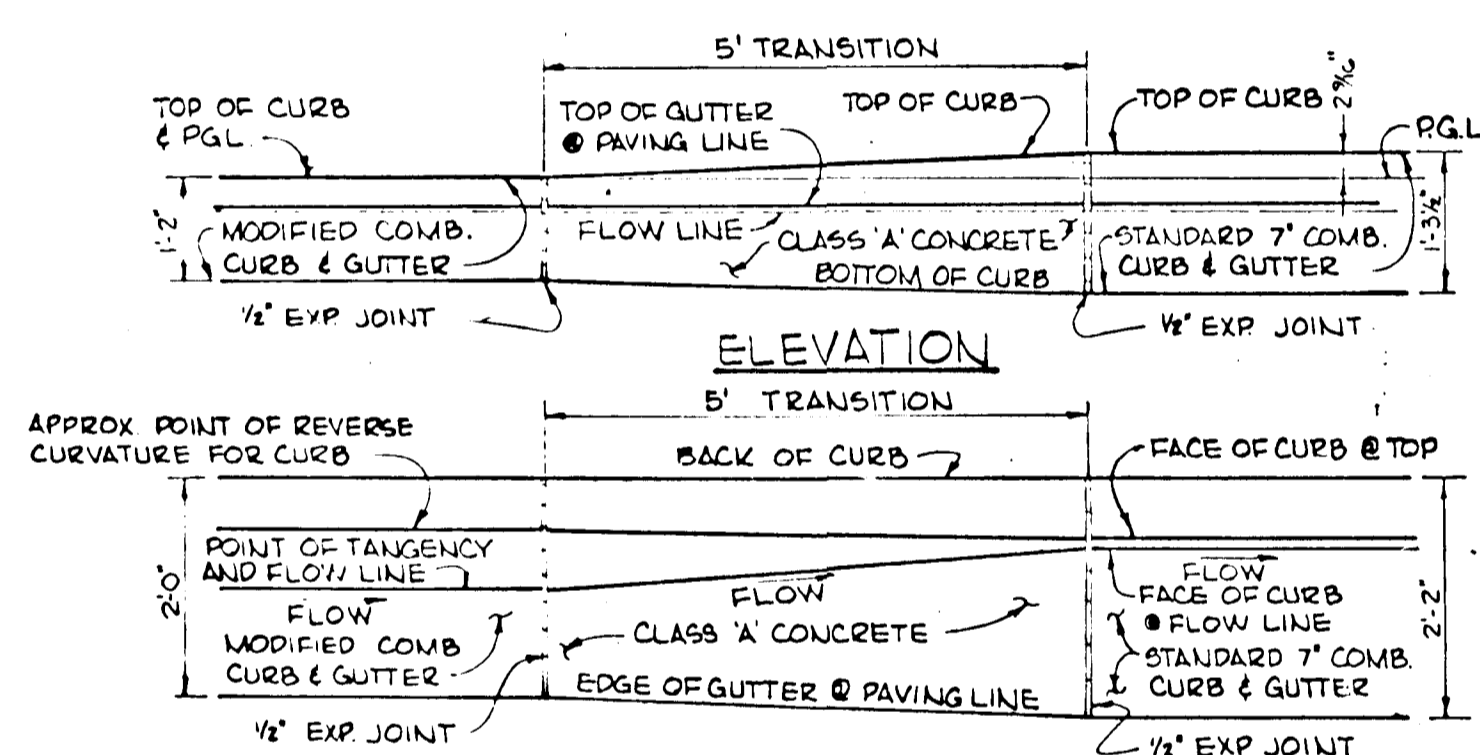
10 1/2" PAVEMENT OR 6 1/2" PAVEMENT

NOTE:

- A TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD CO. ROAD CONST. CODE AND SPECIFICATIONS.
- BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 OF THE HOWARD COUNTY ROAD CONST. CODE AND SPEC.
- TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD CO. ROAD CONST. CODE AND SPECIFICATIONS.

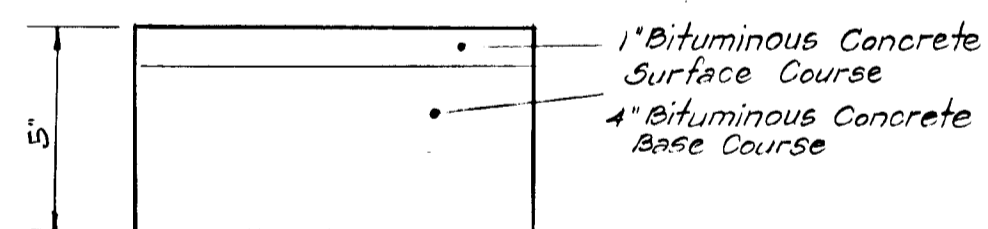
TYPICAL PAVING SECTION

NO SCALE

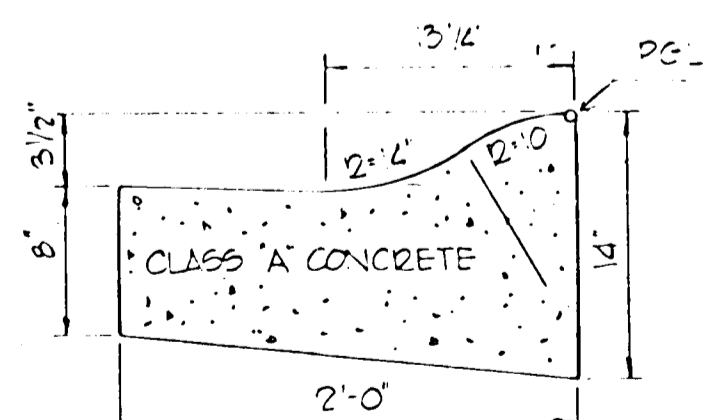


PLAN CURB TRANSITION DETAIL

NO SCALE

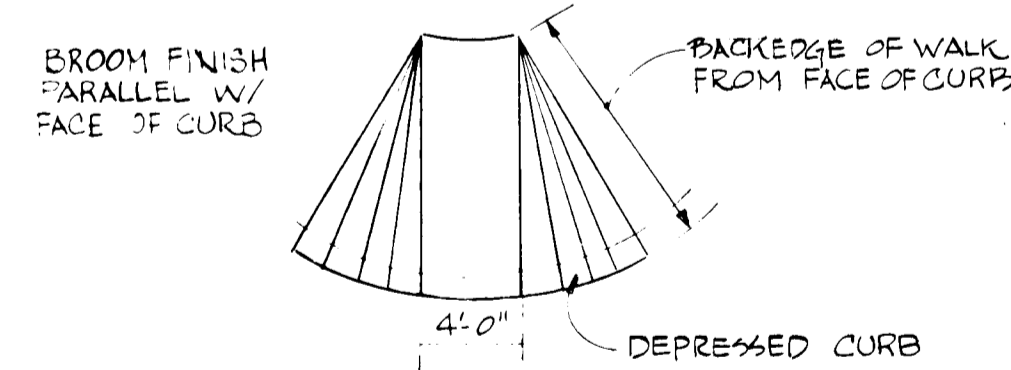


5' PAVEMENT
Lot 478, Private Court

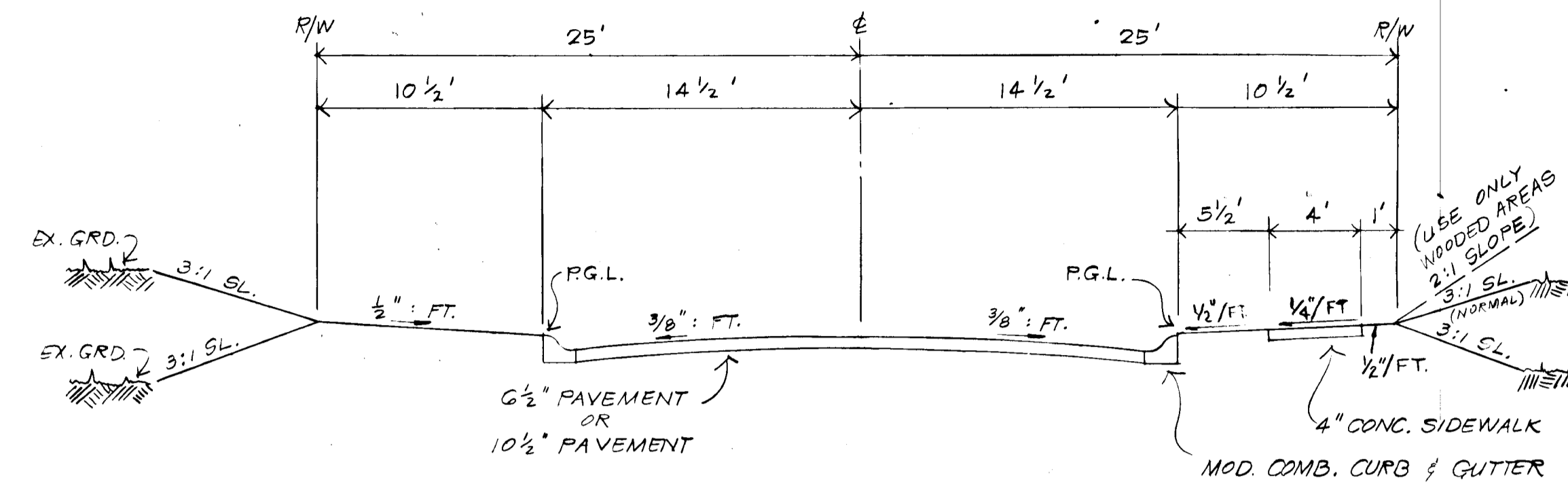


(HOWARD COUNTY STANDARD DRAWING D-40, PG. 95)
MODIFIED COMB. CURB AND GUTTER

NO SCALE

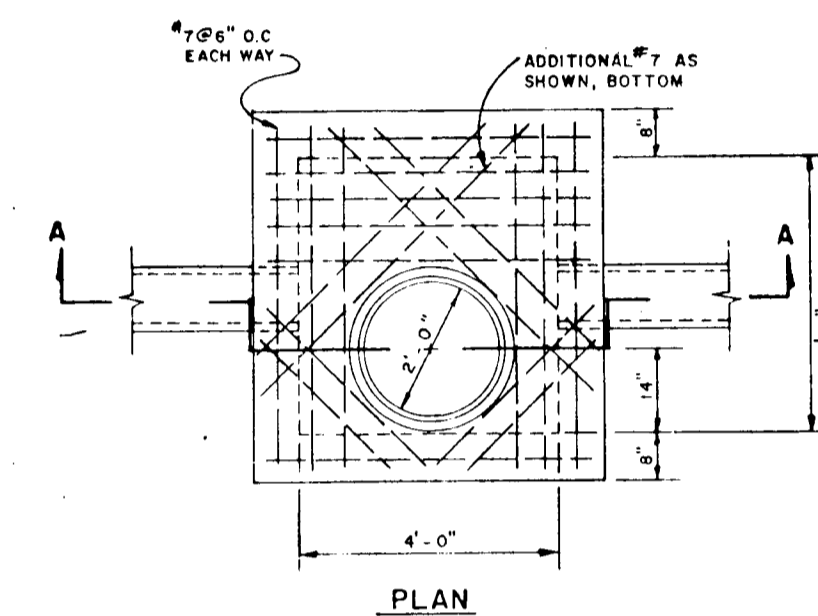


SIDEWALK RAMP DETAILS
NO SCALE



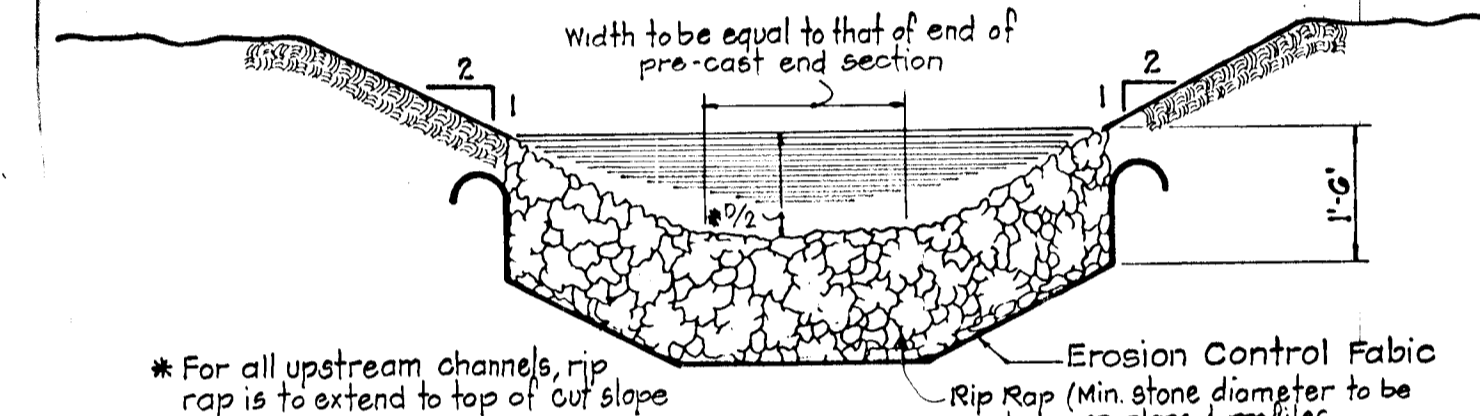
DESIGN SPEED: 25 M.P.H.
TYPE TRAFFIC WAY: LOCAL RESIDENTIAL ZONING: NEWTOWN
NARROW WIND WAY Sta. 0+00 to 4+69.68, Farthest Thunder Court Sta. 0+00 to 2+25.32
Kindler Road Sta. 7+00 to 13+00

50' R/W TYPICAL SECTION
NO SCALE



SHALLOW MANHOLE

Not to Scale



RIP-RAP CHANNEL

NO SCALE

APPROVED HOWARD COUNTY DEPT. OF PUBLIC WORKS

William S. Ryan 4-27-83
CHIEF, BUREAU OF ENGINEERING DATE

William S. Ryan 4-27-83
DEPARTMENT OF PLANNING AND ZONING

William S. Ryan 4-27-83
CHIEF, DIV. LAND DEVELOP. AND ZONING ADM. DATE

Date	No	Revision	Description

VILLAGE OF KING'S CONTRIVANCE
Section 2, Area 3, 120 thru 184, 299 thru 345, 402 thru 478
6th Election District - Howard County, Maryland

OWNER & DEVELOPER
THE HOWARD RESEARCH & DEVELOPMENT CORPORATION
The Rouse Company
Columbia, Maryland

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
TOWSON, MARYLAND 21204

AREA 1
TAX MAP 41 & 42
Parcels 13, 54 Part of 5, 358, 17

TITLE
DETAIL SHEET

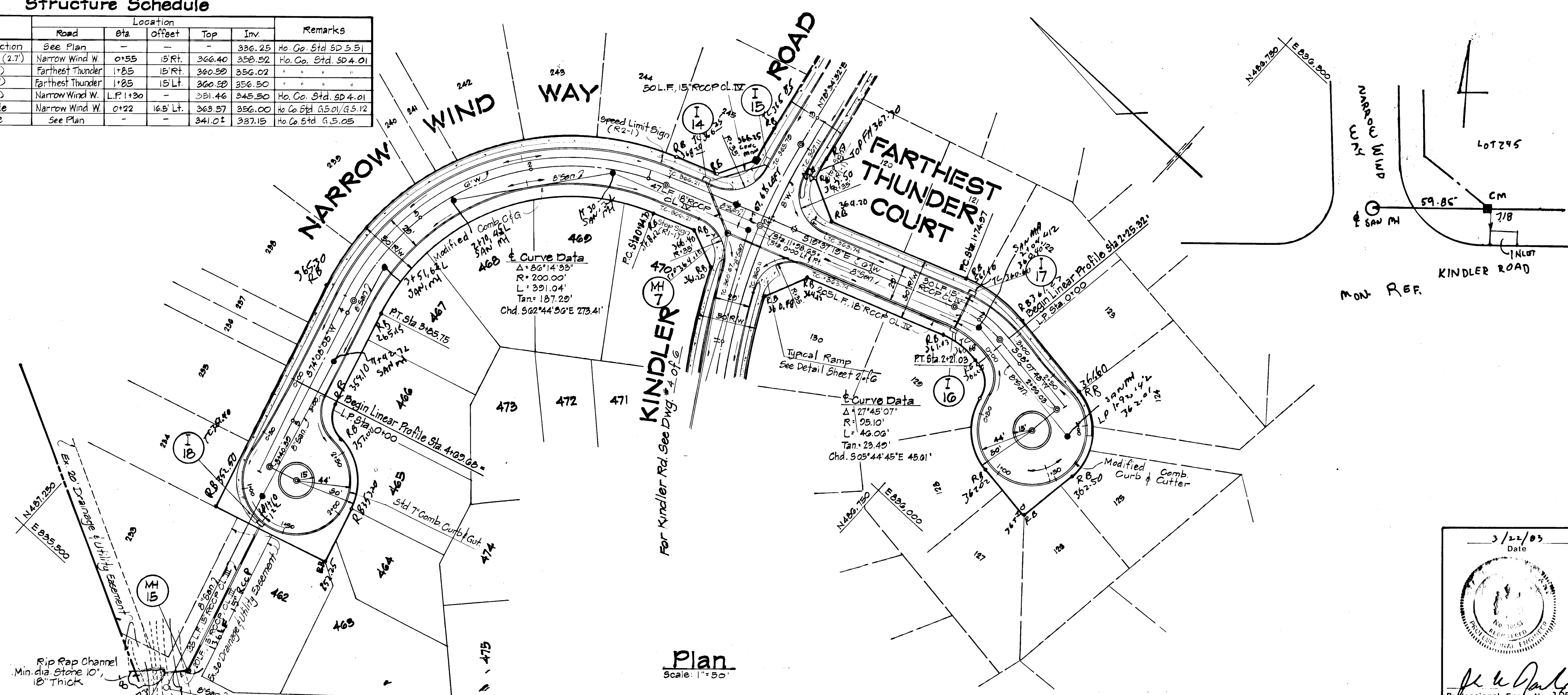
Des By J.D.C.	Scale As Shown	Proj No 81-1109
Drn By J.D.C.	Date 3/17/83	Drawing No. 2 OF 6
Chk By J.W.R.	Approved	

3/21/83
Date
Professional Engr. No. 0551

F-83-90

Structure Schedule

No	Type	Road	Location	Sta	Offset	Top	Inv.	Remarks
S-5	Precast End Section	See Plan				336.25		Ho. Co. Std. SD 3.51
I-14	A-5 w/ Deflector (2.7)	Narrow Wind W		0+55	15 Rt.	366.40	358.52	Ho. Co. Std. SD 4.01
I-16	A-5 (2.5)	Farthest Thunder		1+85	15 Rt.	360.59	356.02	
I-17	A-5 (2.5)	Farthest Thunder		1+85	15 Lt.	360.59	356.50	
I-18	A-5 (2.5)	Narrow Wind W		LP 1+30		351.46	345.50	Ho. Co. Std. SD 4.01
M-7	Standard Manhole	Narrow Wind W		0+22	16.5' Lt.	369.57	356.00	Ho. Co. Std. G.S. 01/12
M-15	Shallow Manhole	See Plan				341.02	337.15	Ho. Co. Std. G.S. 05



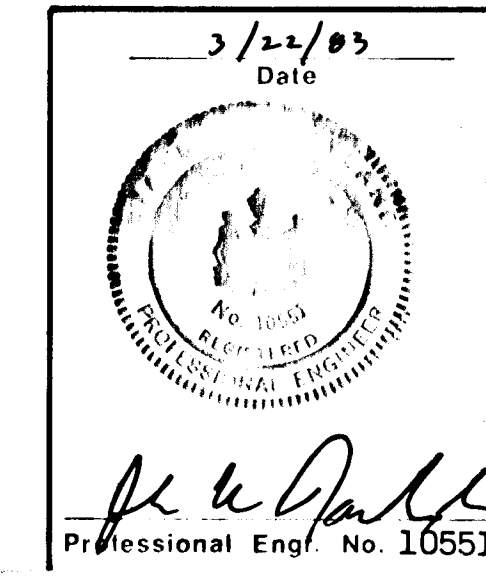
APPROVED HOWARD COUNTY DEPT. OF PUBLIC WORKS
 DATE 4-17-83
 CHIEF, BUREAU OF ENGINEERING
 DEPARTMENT OF PLANNING AND ZONING
 CHIEF, DIV. LAND DEVELOP. AND ZONING ADM. DATE 4-26-83

VILLAGE OF KING'S CONTRIVANCE
 Section 2, Area 3, 120 thru 184, 299 thru 345, 402 thru 476
 6th Election District Howard County, Maryland
 OWNER & DEVELOPER
 THE HOWARD RESEARCH & DEVELOPMENT CORPORATION
 THE ROUSE COMPANY
 COLUMBIA MARYLAND

CENTURY ENGINEERING, INC.
 CONSULTING ENGINEERS - PLANNERS
 TOWSON, MARYLAND 21204

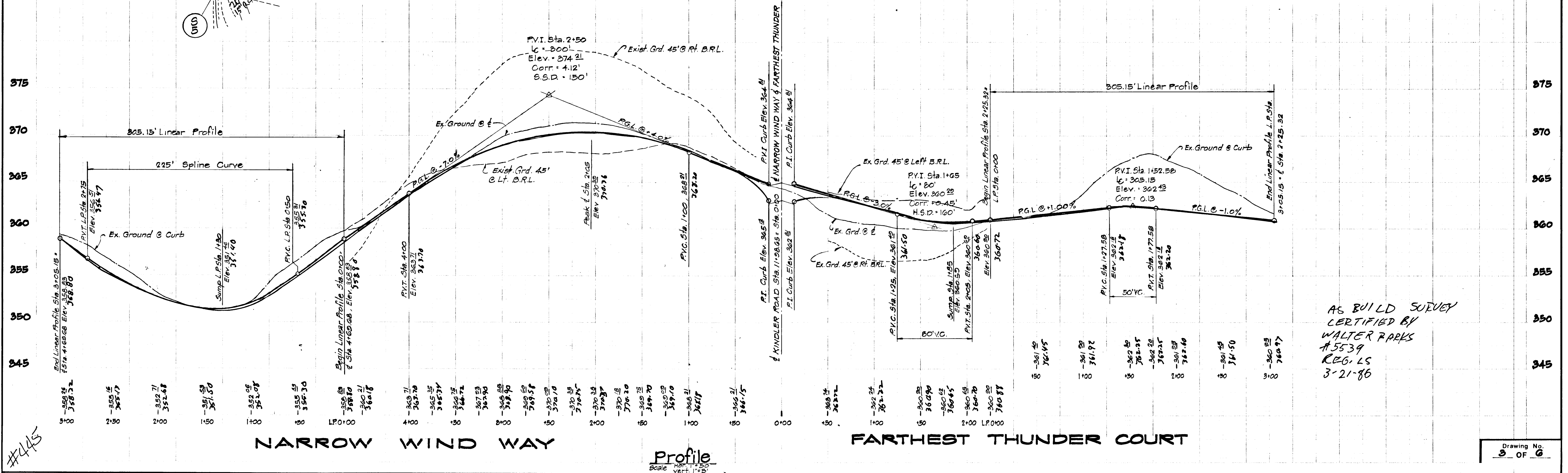
AREA TAX MAP 41 & 42
 PARCELS 13, 54 PART OF 5, 358, 17
 TITLE ROAD PLAN
 NARROW WIND WAY & FARTHEST THUNDER COURT

Des By J. D. C. Scale As Shown Proj No 81-1109
 Drn By J. D. C. Date 3/17/83
 Chk By J. W. R. Approved



PLAN SURVEYED, PLOTTED, CHECKED, NOTE BOOK NO. BY DATE

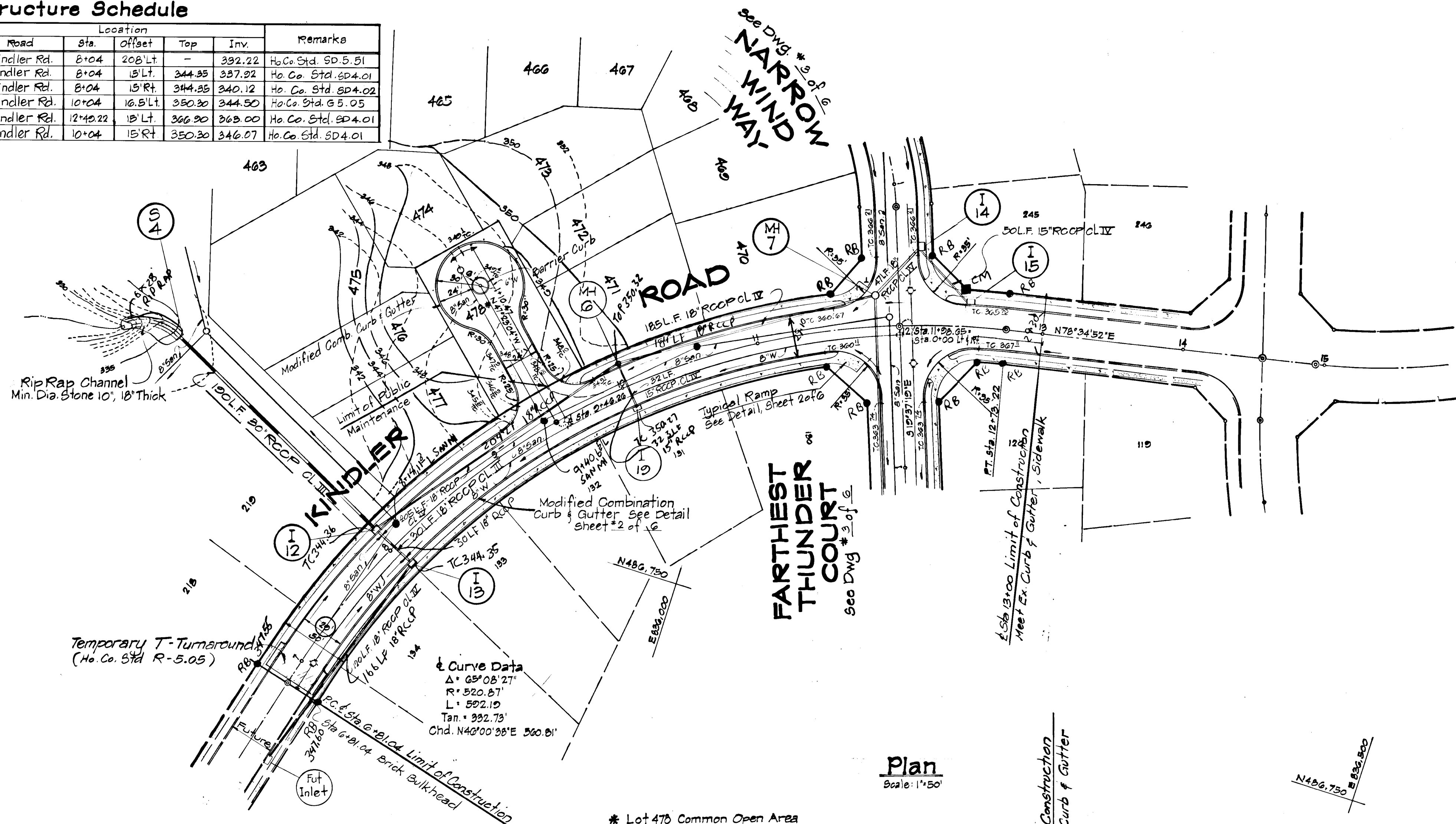
PROFILE SURVEYED, PLOTTED, CHECKED, NOTE BOOK NO. BY DATE



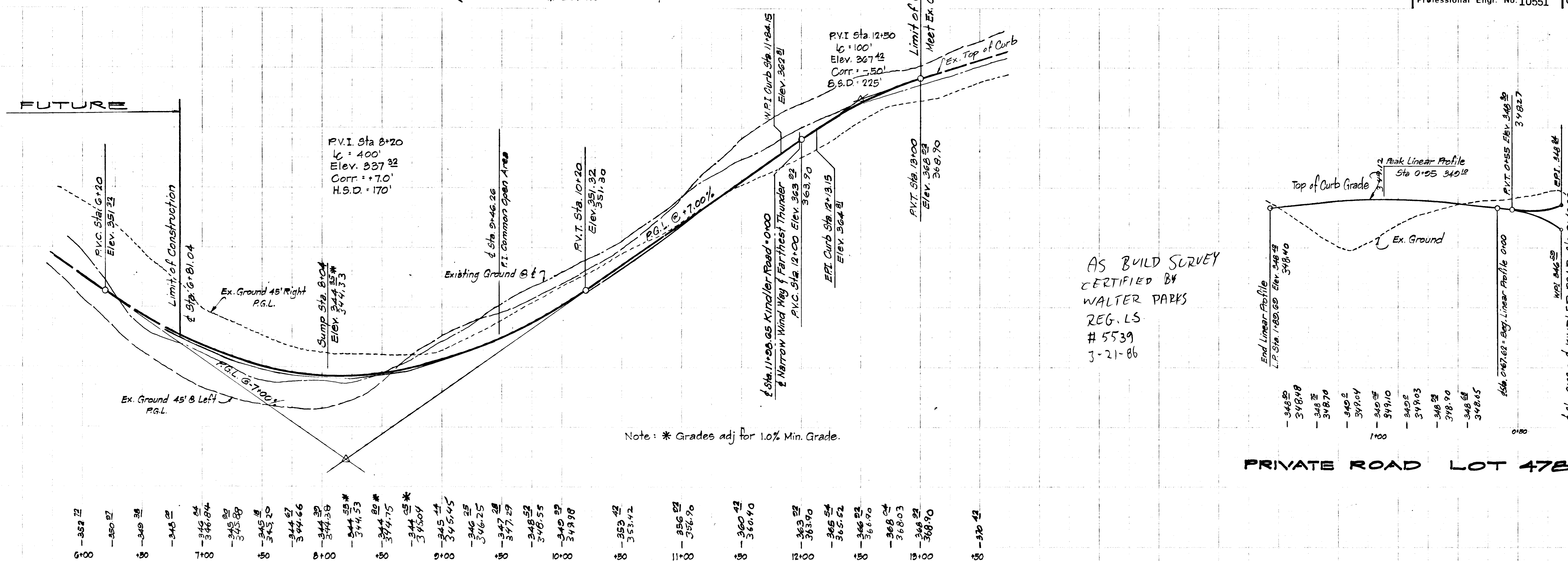
AS BUILT SURVEY
 CERTIFIED BY
 WALTER PARKS
 REG. LS
 3-21-86

Structure Schedule

No	Type	Location	Sta	Offset	Top	Inv.	Remarks
S-4	Precast End Section	Kindler Rd.	8+04	20' LT	-	332.22	Ho Co Std. SD 5.51
I-12	A-5 (3.00')	Kindler Rd.	8+04	15' LT	344.33	337.32	Ho Co Std. SD 4.01
I-13	A-10 (3.00')	Kindler Rd.	8+04	15' RT	344.33	340.12	Ho Co Std. SD 4.02
M-6	Shallow Manhole	Kindler Rd.	10+04	16' LT	350.30	344.50	Ho Co Std. G 5.05
I-15	A-5 w/ Deflector (25)	Kindler Rd.	12+04	15' LT	366.30	363.00	Ho Co Std. SD 4.01
I-19	"	Kindler Rd.	10+04	15' RT	350.30	346.07	Ho Co Std. SD 4.01



Plan
Scale: 1" = 50'



Profile
Scale: Hor. = 1" = 50'
Vert. = 1" = 5'

3/22/83
Date

Professional Engr. No. 10551

APPROVED HOWARD COUNTY DEPT OF PUBLIC WORKS

William B. Riley 4-27-83
CHIEF, BUREAU OF ENGINEERING DATE

DEPARTMENT OF PLANNING AND ZONING 4-28-83
William B. Riley 4-28-83
CHIEF, DIV. OF LAND DEVEL. AND ZONING ADM. DATE

Date	No	Revision Description

VILLAGE OF KING'S CONTRIVANCE
Section 2, Area 3, 120 thru 134, 229 thru 249, 402 thru 478
6th Election District Howard County, Maryland

OWNER & DEVELOPER
THE HOWARD RESEARCH & DEVELOPMENT CORPORATION
THE ROUSE COMPANY
COLUMBIA, MARYLAND

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
TOWSON, MARYLAND 21204

AREA TAX MAP 41 & 42
Parcels 13, 54 Part of 5, 358, 17

TITLE ROAD PLAN
KINDLER ROAD

Des By	J. D. C	Scale	As Shown	Proj No.	81-1109
Drn By	J. D. C	Date	3/17/83		
Chk By	J. W. R.	Approved			

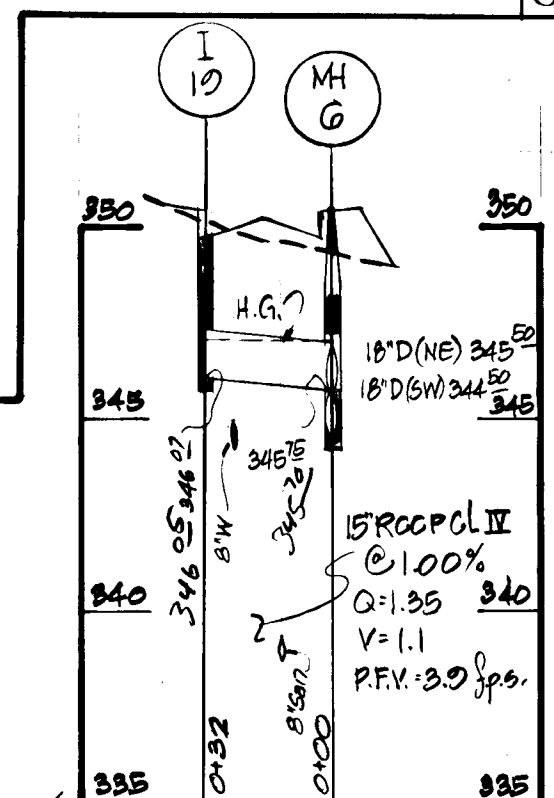
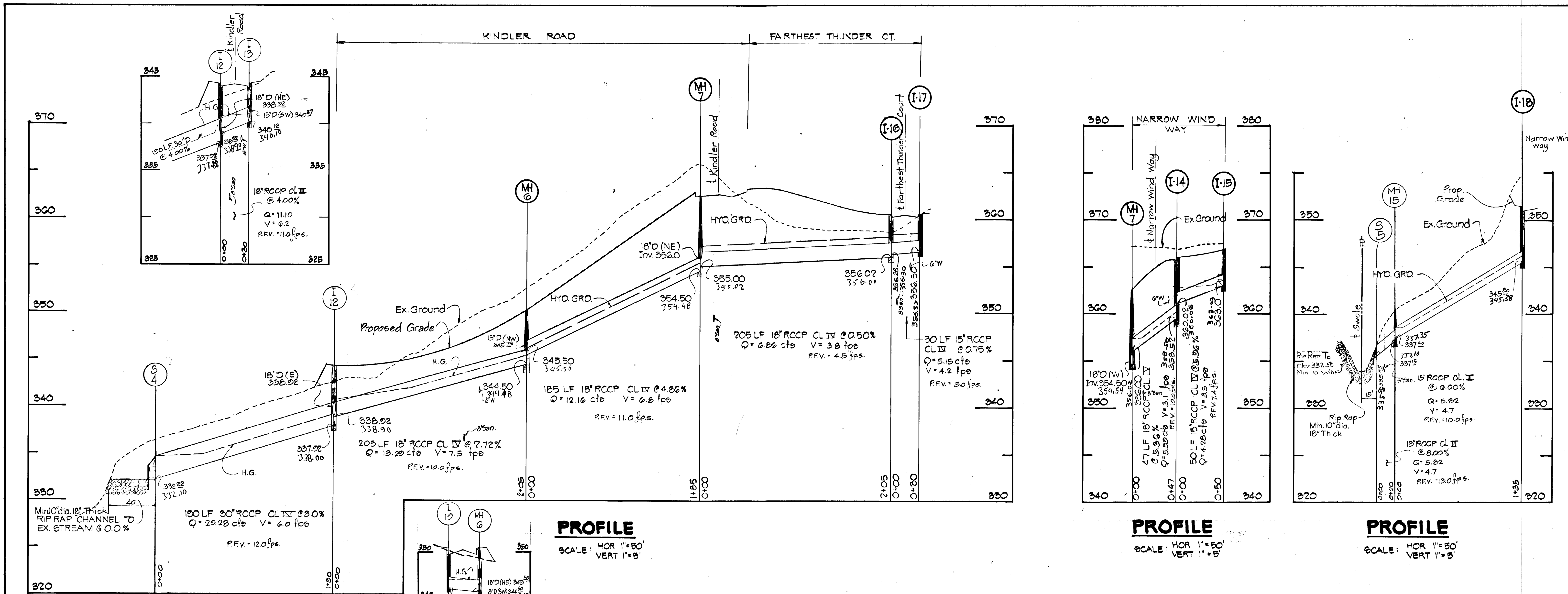
PLAN

DATE	
BY	
SURVEYED	
ALIGNED	
RT. OF WAY CHECKED	
NOTE BOOK NO.	

PROFILE

DATE	
BY	
SURVEYED	
PLOTTED	
B.M. NOTED	
STRUCTURE NOTATION CHKD.	
NOTE BOOK NO.	

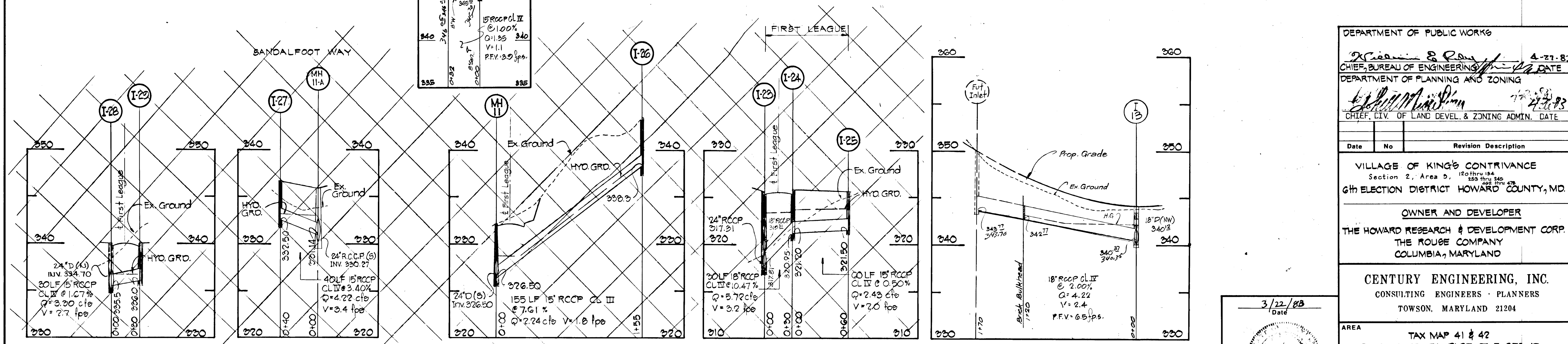
#445



PROFILE
SCALE: HOR 1"=30'
VERT 1"=5'

PROFILE
SCALE: HOR 1"=50'
VERT 1"=5'

PROFILE
SCALE: HOR 1"=50'
VERT 1"=5'



PROFILE
SCALE: HOR 1"=30'
VERT 1"=5'

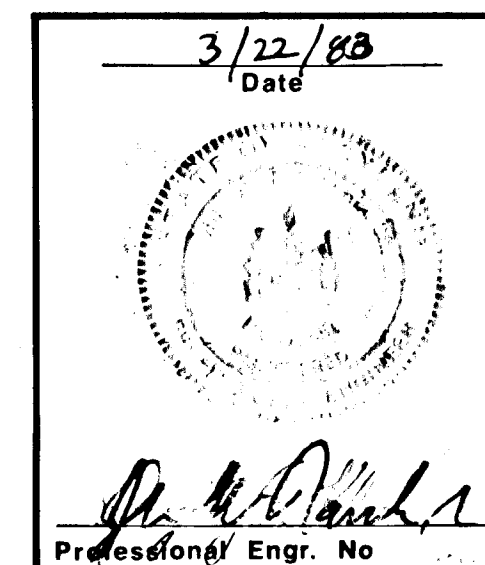
PROFILE
SCALE: HOR 1"=30'
VERT 1"=5'

PROFILE
SCALE: HOR 1"=30'
VERT 1"=5'

PROFILE
SCALE: HOR 1"=30'
VERT 1"=5'

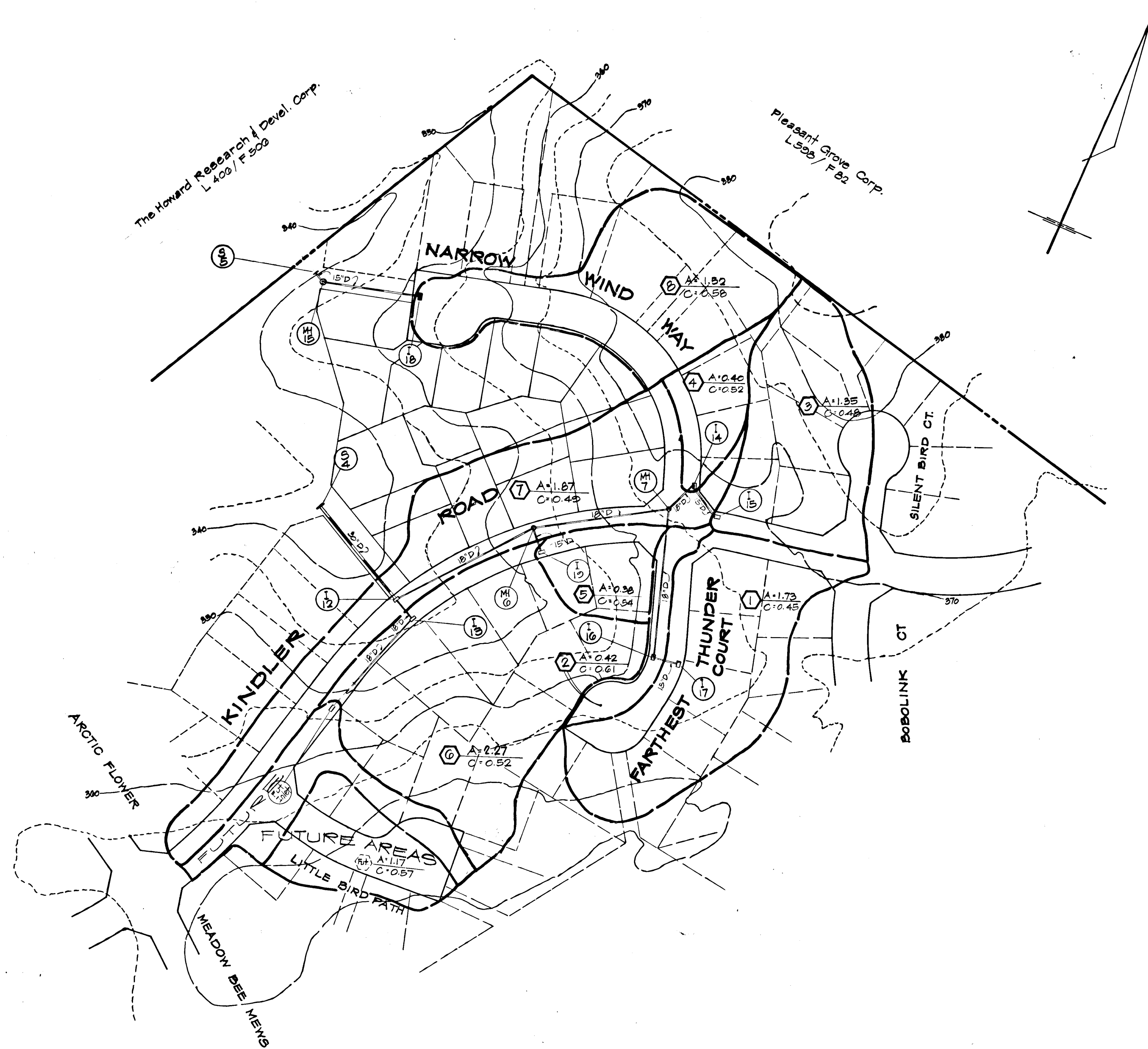
PROFILE
SCALE: HOR 1"=30'
VERT 1"=5'

AS BUILT SURVEY
CERTIFIED BY
WALTER PARKS
REG. ENGR.
5539
3-27-88



DEPARTMENT OF PUBLIC WORKS		
4-27-83		DATE
CHIEF, BUREAU OF ENGINEERING		
DEPARTMENT OF PLANNING AND ZONING		
7-27-83		DATE
CHIEF, CIV. OF LAND DEVL. & ZONING ADMIN.		
Date	No.	Revision Description
VILLAGE OF KING'S CONTRIVANCE Section 2, Area 9, 120 thru 184, 253 thru 265, 428 6th ELECTION DISTRICT HOWARD COUNTY, MD.		
OWNER AND DEVELOPER THE HOWARD RESEARCH & DEVELOPMENT CORP. THE ROUSE COMPANY COLUMBIA, MARYLAND		
CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204		
AREA TAX MAP 41 & 42 PARCELS 13, 34 PART OF 5, 255, 17		
TITLE STORM DRAIN PROFILES		
Des By J.B.G.	Scale AS SHOWN	Proj No 811109
Drn By J.D.C.	Date 3/07/83	Drawing No.
Chk By J.W.R.	Approved	5 OF 6

#445



1" = 200'
N 488,000
E 838,750

1" = 200'
N 488,000
E 838,750

APPROVED HOWARD COUNTY DEPT. OF PUBLIC WORKS
William E. Ray 4-27-83
 CHIEF, BUREAU OF ENGINEERING DATE
 DEPARTMENT OF PLANNING AND ZONING
John M. ... 4-28-83
 CHIEF DIV. OF LAND DEVEL. & ZONING ADMIN. DATE

Date	No	Revision Description

VILLAGE OF KING'S CONTRIVANCE
 Section 2, Area 3, 120 thru 184
 233 thru 245
 402 thru 478
 6th Election District Howard County, Maryland
 OWNER & DEVELOPER
 THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
 THE ROUSE COMPANY
 COLUMBIA, MARYLAND

CENTURY ENGINEERING, INC.
 CONSULTING ENGINEERS - PLANNERS
 TOWSON, MARYLAND 21204

AREA TAX MAP 41 & 42
 Parcels 13, 54 Part of 5, 358, 17

TITLE STORM DRAINS
 DRAINAGE AREA MAP

Des By J.D.C.	Scale 1" = 100'	Proj No 81-1109
Drn By J.D.C.	Date 3/17/83	Drawing No. 6 OF 6
Chk By J.W.R.	Approved	

3/22/83
 Date

J. W. R.
 Professional Engr. No. 10551

BRUNING 44-132-53864
 #445