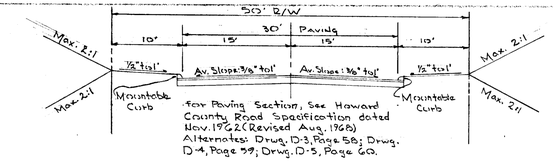


TYPICAL SECTION 50'R/W - 30' PAVING
WITH MOUNTABLE CURB
SCALE: 1"=10'

STATE OF MARYLAND — WILLIAM P. JESCHKE — No. 4579 — REGISTERED — PROFESSIONAL ENGINEER & LAND SURVEYOR

Feb. 28, 1969

DEPARTMENT OF PUBLIC WORKS

Granville W. Mcleland 5-19-69
Chief, Bureau of Highways — Date

OFFICE OF PLANNING AND ZONING

J. H. Clawson 5-19-69
State Engineer, Division of Land Development — Date

Reg. No. 4579

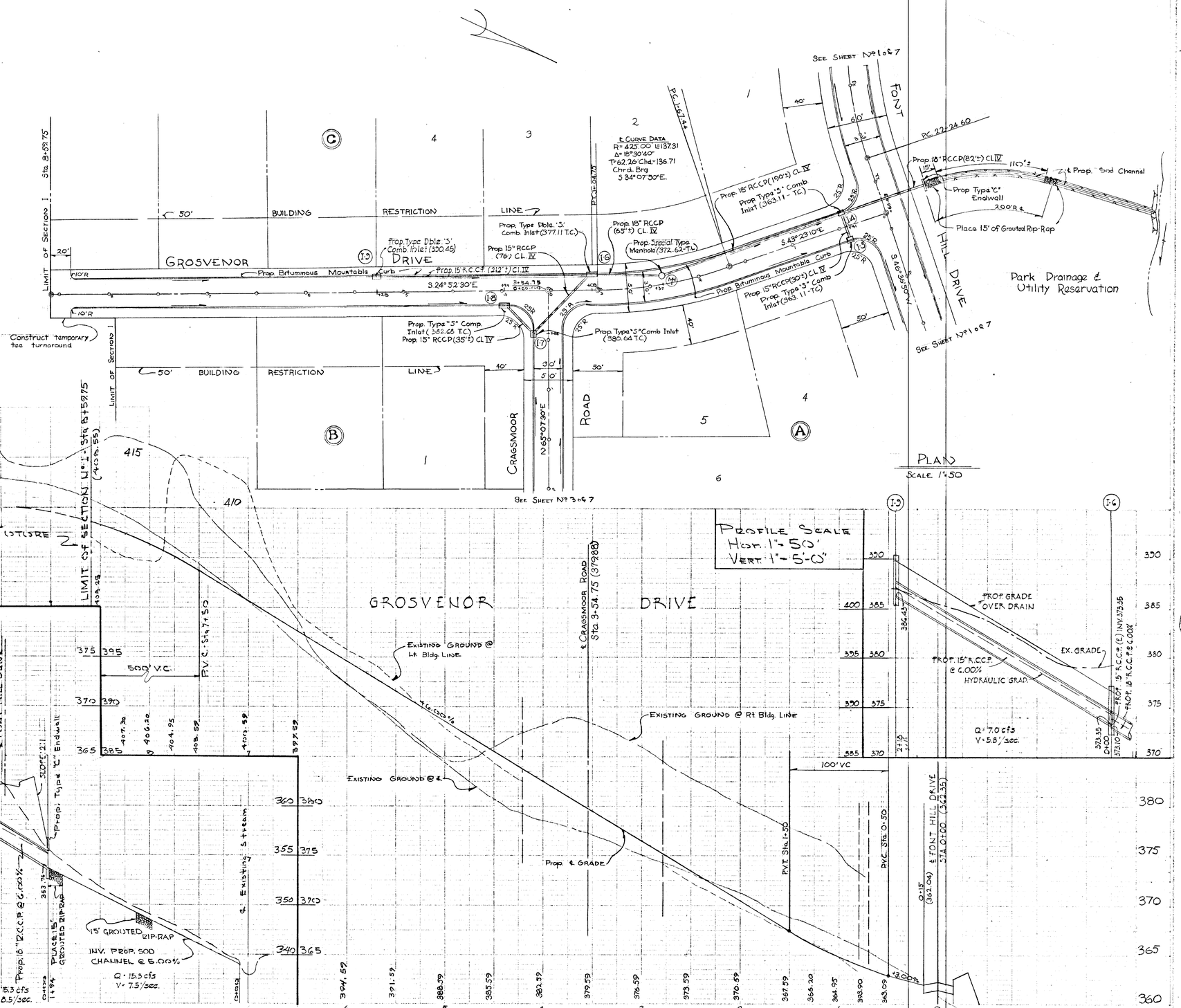
OWNER	DEVELOPER
FONT HILL LAND Co	STUART KNUDSEN & ROBERT FLORIAN
11 EAST CHASE ST.	BONNIE BRANCH RD.
BALTIMORE, MARYLAND, 21202	ELLICOTT CITY, MD

PURDUM & JESCHKE
ENGINEERS
24 PARK AVENUE
ELLICOTT CITY, MD

SECTION 1
PLAN AND PROFILE OF GROSVENOR DRIVE

SOMERSET

2ND ELECTION DISTRICT — HOWARD COUNTY, MD
14 JANUARY, 1969
MARCH 28, 1969
APRIL 4, 1969
SCALE: AS SHOWN
SHEET No 2 OF 7



F69-09

DEPARTMENT OF PUBLIC WORKS

Granville W. Wehland 5-19-69
Chief, Bureau of Highways Date

OFFICE OF PLANNING AND ZONING

J.H. Clawson, Jr. 5-19-69
Chief Engineer, Division of Land Development Date

FEB 28, 1969
Date

STATE OF MARYLAND
WILLIAM G. RASCH II
No. 4575
REGISTERED
Professional Engineers & Land Surveyor

William G. Rasch II
REG. NO. 4575

PURDUM AND JESCHKE
CONSULTING ENGRS. & LAND SURVEYORS
24 PARK AVENUE
ELLICOTT CITY, MARYLAND

·OWNER·
FONT HILL LAND CO.
11 EAST CHASE ST.
BALTIMORE, MARYLAND 21202

·DEVELOPER·
STUART KNUDSEN & ROBERT FLORIAN
BONNIE BRANCH ROAD
ELLICOTT CITY, MARYLAND

SECTION 1
PLAN & PROFILE OF CRAGSMOOR COURT

SOMERSET

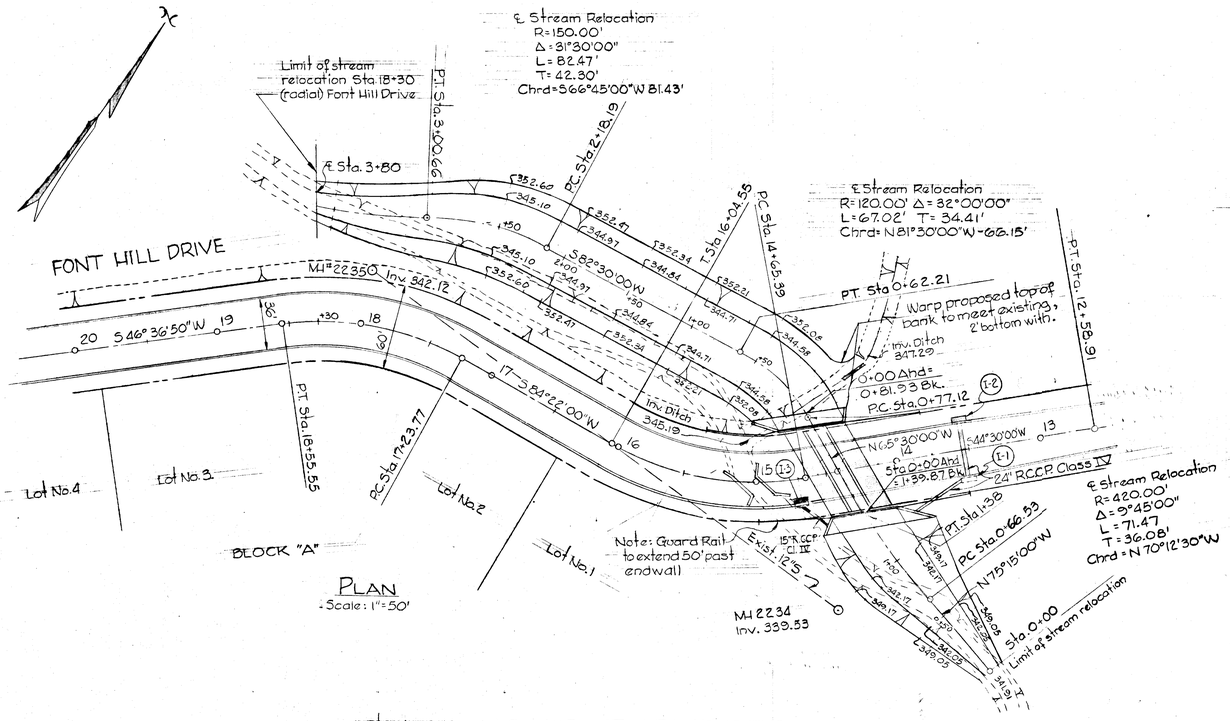
2ND. ELECTION DISTRICT HOWARD COUNTY, MD.
JANUARY 14, 1969 SCALE: AS SHOWN
MARCH 28, 1969 SHEET NO. 4 of 7
APRIL 4, 1969

PLAN
Scale: 1" = 50'

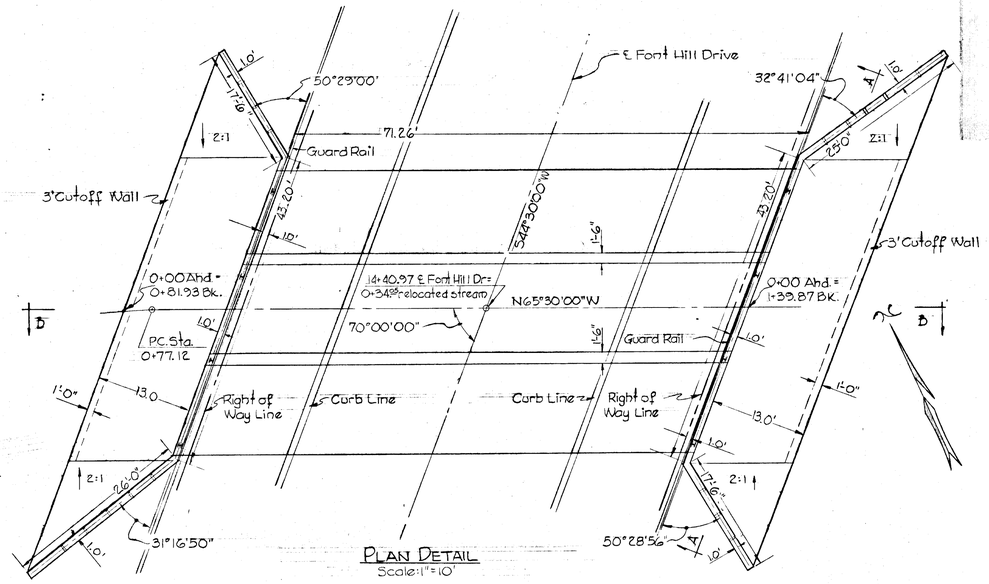
#98

PLATE 1 - PLAN - PROFILE

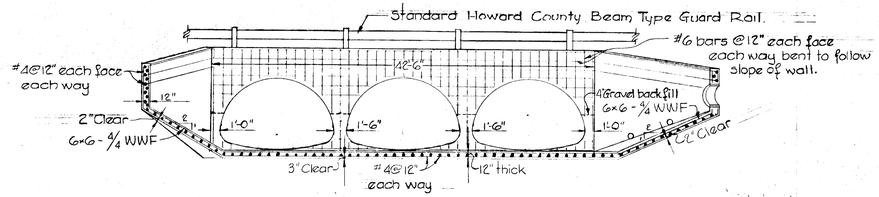
-002
F69-09



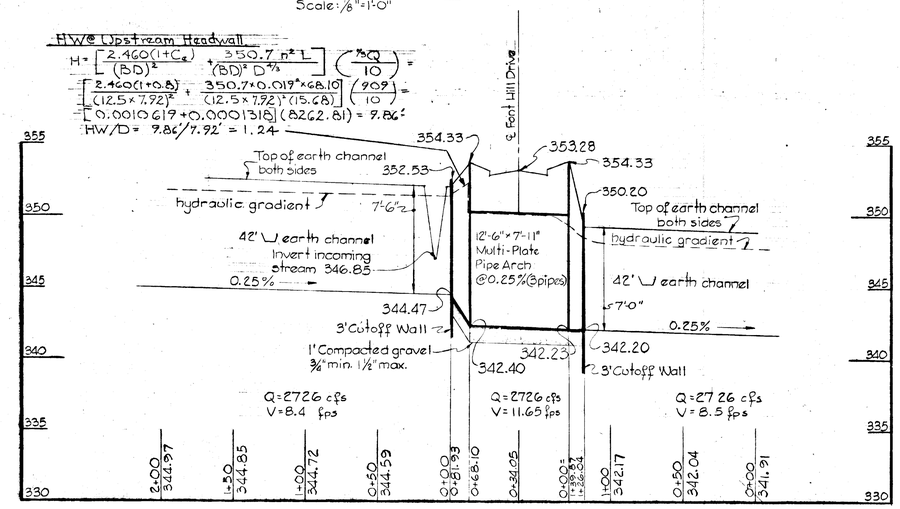
PLAN
Scale: 1"=50'



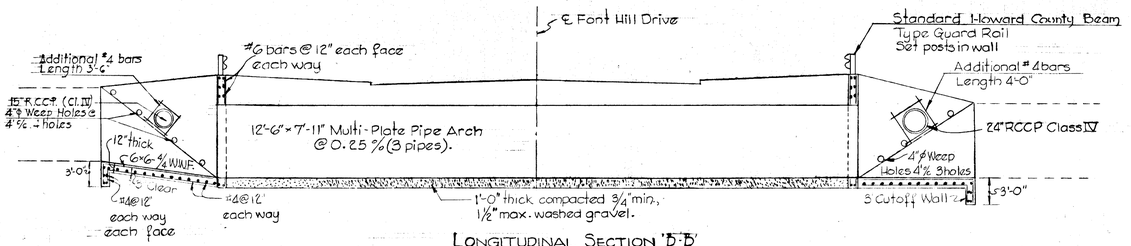
PLAN DETAIL
Scale: 1"=10'



ELEVATION DOWNSTREAM 'A-A'
Scale: 1/8"=1'-0"



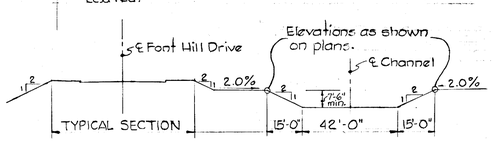
PROFILE: Scale Hor: 1"=50' Vert: 1"=5'



LONGITUDINAL SECTION 'B-B'
Scale: 1/8"=1'-0"

GENERAL NOTES

1. Loading - H-20 - Proposed Fill = 10' Max.
   Top Plates to be 8 Gage (Section Modulus/inch Horz. Projection ≥ 0.0888 inches³).
   Bottom Plates to be 7 Gage (Section Modulus/inch Horz. Projection ≥ 0.0989 inches³).
2. S.R.C. class "A" concrete with minimum f'_c = 3,000 psi.
3. Chamfer all exposed edges of concrete 1"x1".
4. Use deformed steel throughout.
5. Use minimum 2" clear cover for all reinforcement unless otherwise noted on the drawing.
6. Backfill around pipes with 3/4" to 1 1/2" max. gravel to 4' above invert.
7. Structural Plate Pipe Arch To Be Fully Asphalt Coated.



TYPICAL SECTION OF ROAD & EARTH CHANNEL
Scale 1"=50'

OWNER FONT HILL LAND CO. 11 E. CHASE ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS Granville M. Mellrand 5-19-69 Chief, Bureau of Highways Date
DEVELOPERS STUART KNUDSEN ROBERT FLORIAN BONNIE BRANCH RD. ELLICOTT CITY, MARYLAND	OFFICE OF PLANNING AND ZONING J. H. Clawson, Jr. 5-19-69 Chief Engineer, Division of Land Development Date
Feb. 28, 1969 DATE STATE OF MARYLAND — WILLIAM G. RAMBO — No. 4975 — REGISTERED — Professional Engineer, Streets & Land Surveyor William G. Rambo Reg. No. 4975	PURDUM & JESCHKE ENGINEERS and LAND SURVEYORS 1023 N. CALVERT ST. BALTIMORE, MARYLAND

SECTION 1
PLAN & PROFILE OF STREAM RELOCATION

SOMERSET

2nd. Election District — Howard County, Maryland

Sheet No. 7 of 7 — Scale As Shown

MARCH 28, 1969

APRIL 4, 1969

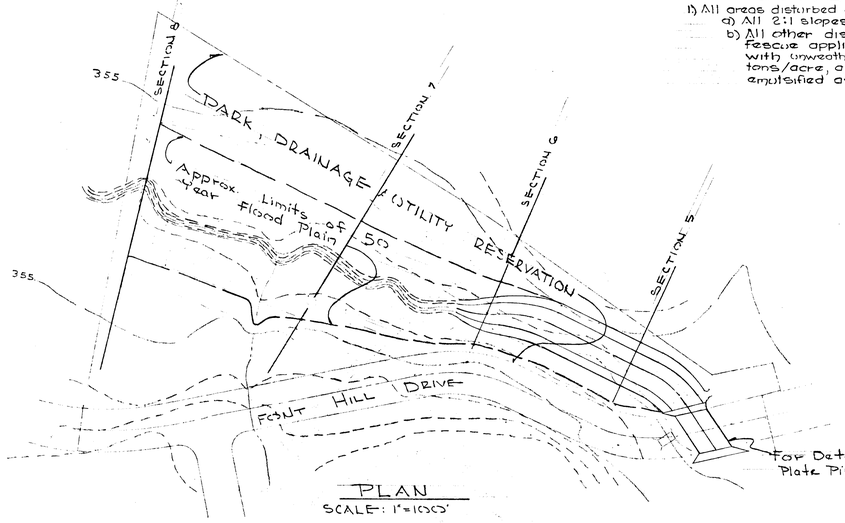
#708

-003

FG4

CRITICAL AREA STABILIZATION

1) All areas disturbed during construction shall receive 3" Top Soil.
   a) All 2:1 slopes shall be sodded.
   b) All other disturbed areas to be seeded using Creeping Red fescue applied at the rate of 30lbs/acre and mulched with unweathered small grain straw applied at the rate of 1.5 to 2.0 tons/acre, applied immediately after seeding and tied down with emulsified asphalt (R.S.-1 or 2),(M.S.-2) or(S.S.-1) applied at 0.04 Gal/SY.



PLAN
SCALE: 1"=100'

For Detail of triple 12'-6" x 7'-11" Multi-Plate Pipe Arch (8 gage) 3pipes see sheet 5 of 7

OWNER:
FOUNT HILL LAND COMPANY
11 E. CHASE STREET
BALTIMORE, MARYLAND

DEVELOPER:
STUART KNUDSEN & ROBERT FLORIAN
BONNIE BRANCH ROAD
ELLICOTT CITY, MARYLAND

ENGINEERS:
PLORDUM & OESCHKE
LAND SURVEYORS
3697 PARK AVE
ELLICOTT CITY, MARYLAND

FLOOD PLAIN PLAN & DETAILS

SECTION N° 1

SOMERSET

SECOND ELECTION DISTRICT ~ HOWARD COUNTY, MD.

FEBRUARY 25, 1969 ~ APRIL 4, 1969 ~ SCALE: As Shown ~ Sheet 6 of 7

DEPARTMENT OF PUBLIC WORKS

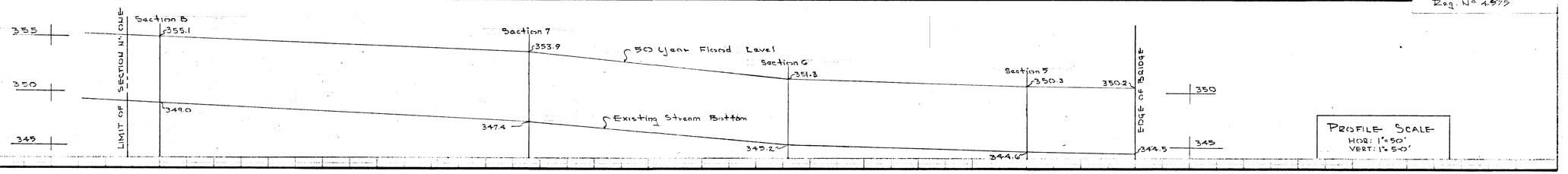
Granville M. Redecund 5-19-69
Chief, Bureau of Highways Date

OFFICE OF PLANNING AND ZONING

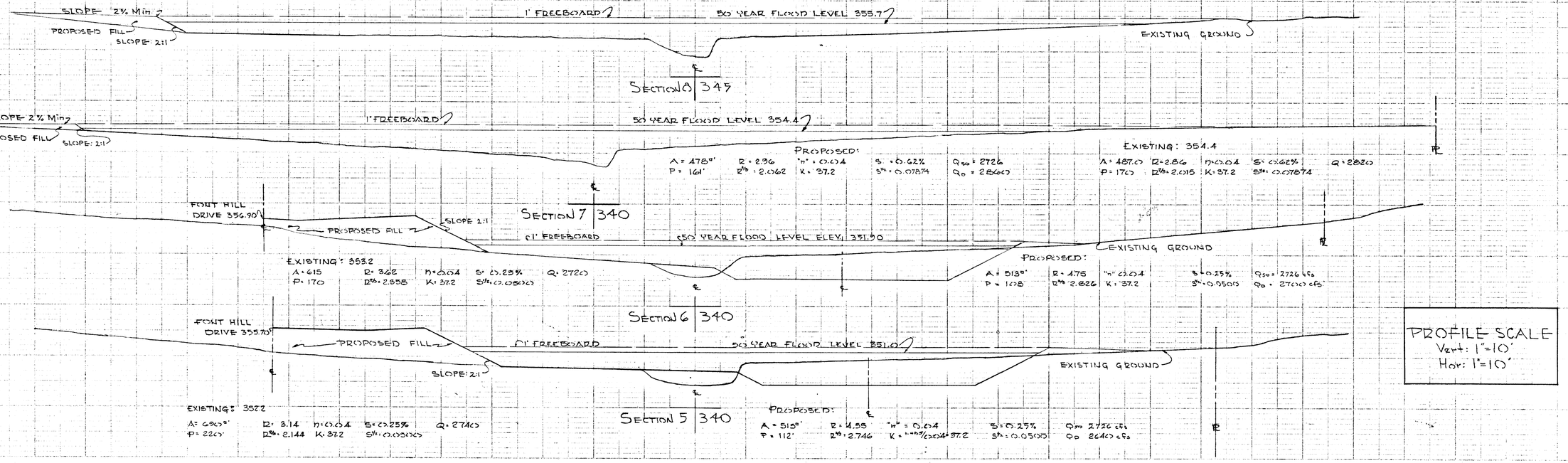
J. H. Clawson Jr. 5-19-69
Chief Engineer, Division of Land Development Date

Feb. 28, 1969
Date

STATE OF MARYLAND — Professional Engineers & Land Surveyors
Reg. N° 4975



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

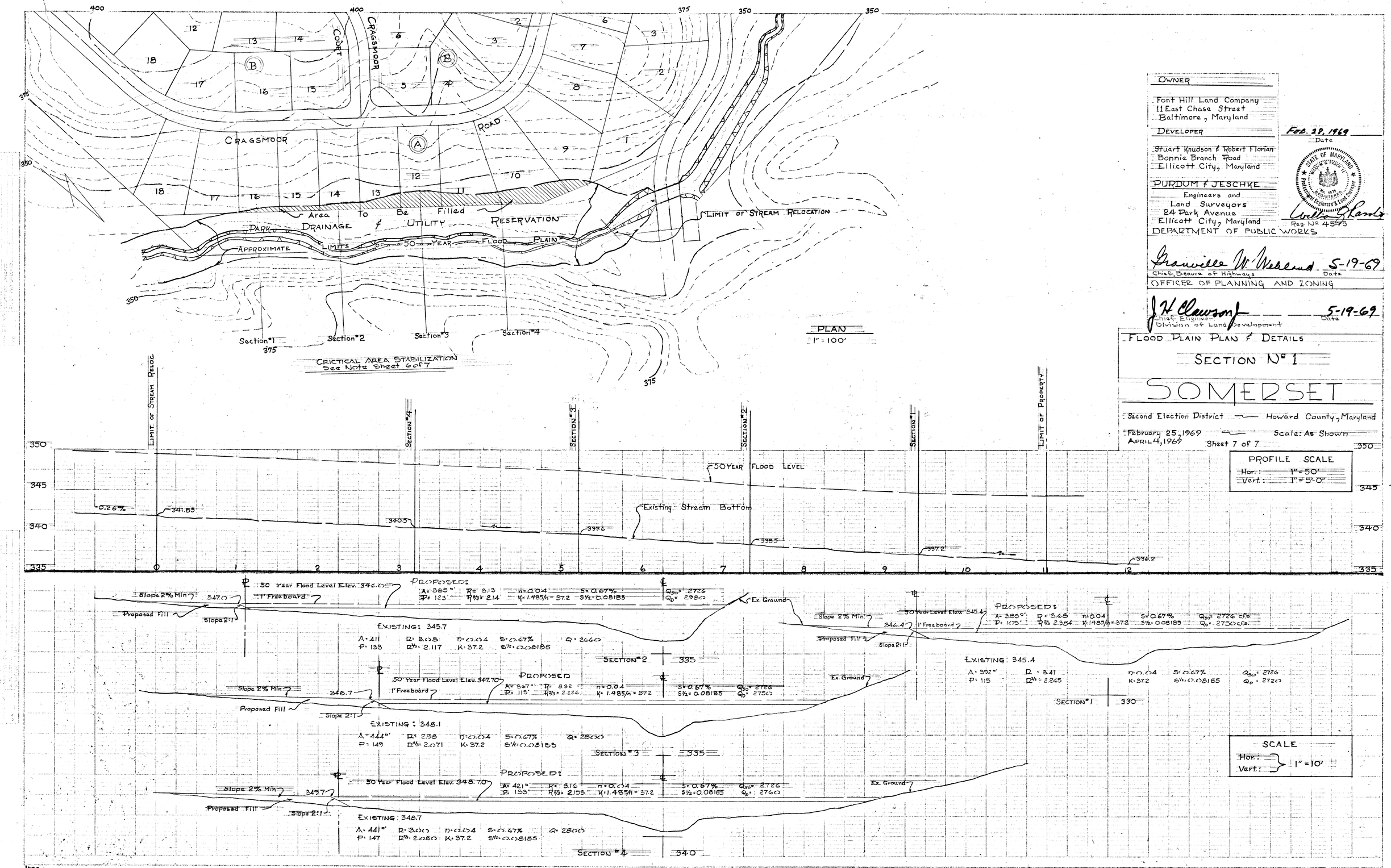


PROFILE SCALE
Vert: 1"=10'
Hor: 1"=10'

#98

PLATE 1 - PLAN - PROFILE - C. & S. E. E.
APPROVED FOR RECORD IN C. E.
CHIEF'S SIGNING COMPANY

-004
F69-09



OWNER

Font Hill Land Company
11 East Chase Street
Baltimore, Maryland

DEVELOPER

Stuart Knudson & Robert Florian
Bonnie Branch Road
Ellicott City, Maryland

PURDUM & JESCHKE
Engineers and
Land Surveyors
24 Park Avenue
Ellicott City, Maryland

FEB. 28, 1969
Date

STATE OF MARYLAND
WILLIAM G. RASCH III
No. 4575
REGISTERED
Professional Engineers & Land Surveyor

Wallis G. Rasch
Reg. No. 4575

DEPARTMENT OF PUBLIC WORKS

Granville W. Wehland 5-19-69
Chief, Beaure of Highways Date

OFFICER OF PLANNING AND ZONING

J H Clawson Jr 5-19-69
Chief Engineer, Division of Land Development Date

FLOOD PLAIN PLAN & DETAILS

SECTION No 1

SOMERSET

Second Election District — Howard County, Maryland

February 25, 1969 — Scale: As Shown
APRIL 4, 1969 Sheet 7 of 7

#98

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F69-09

FLOOD PLAIN PLAN & DETAILS

SECTION N° 1

FONT HILL MANOR II

SECOND ELECTION DISTRICT – HOWARD COUNTY, MD.

FEBRUARY 25, 1969 – SCALE: AS SHOWN
APRIL 4, 1969 Sheet 6 of 7

OWNER: FONT HILL LAND COMPANY, 11 E. CHASE STREET, BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS
DEVELOPER: STUART KNUDSEN & ROBERT FLEMING, BONNIE BRANCH ROAD, ELLICOTT CITY, MARYLAND	Chief, Bureau of Highways — Date
ENGINEERS: PIERSON & DESCHKE, LAND SURVEYORS, 3697 PARK AVE, ELLICOTT CITY, MARYLAND	OFFICE OF PLANNING AND ZONING
	Chief Engineer, Division of Land Development — Date

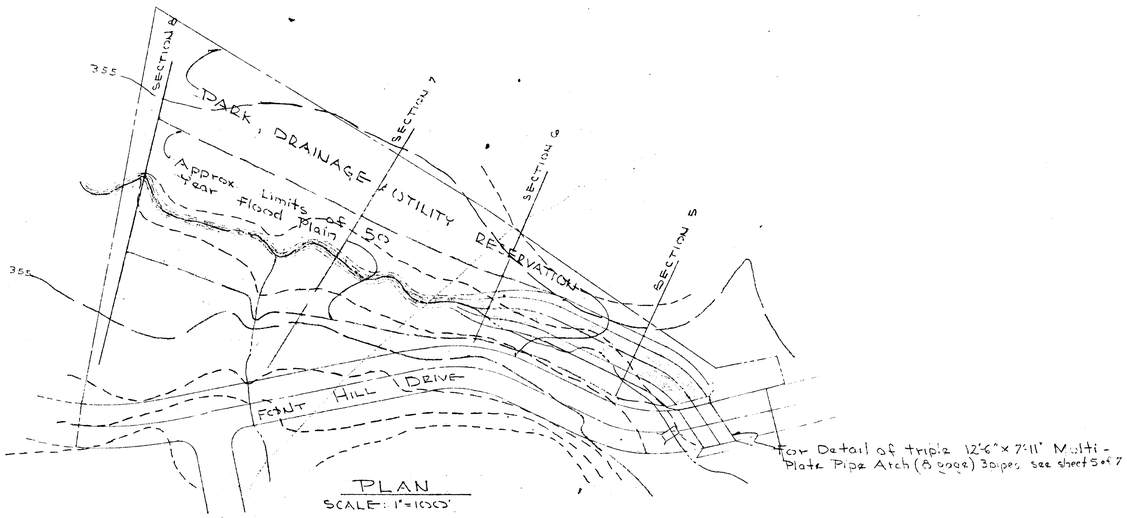
DEC. 23, 1969
Date

STATE OF MARYLAND — WILLIAM E. HASELA — REGISTERED PROFESSIONAL ENGINEER

Reg N° 4575

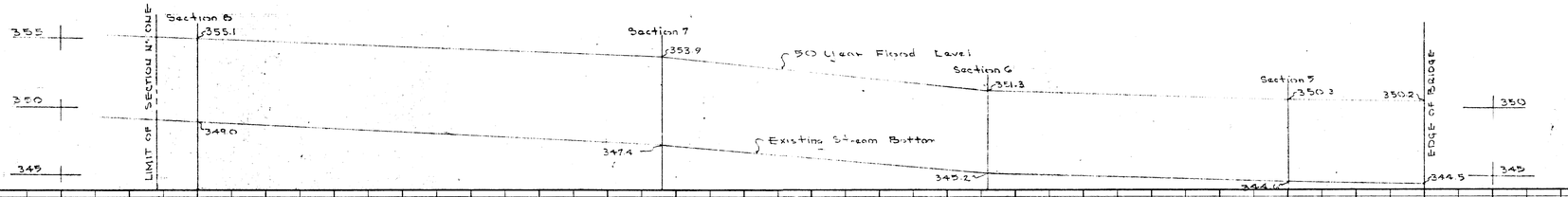
RECEIVED
APR 10 1969
DIVISION OF LAND DEVELOPMENT
OF HOWARD COUNTY

PLAN
SCALE: 1"=100'

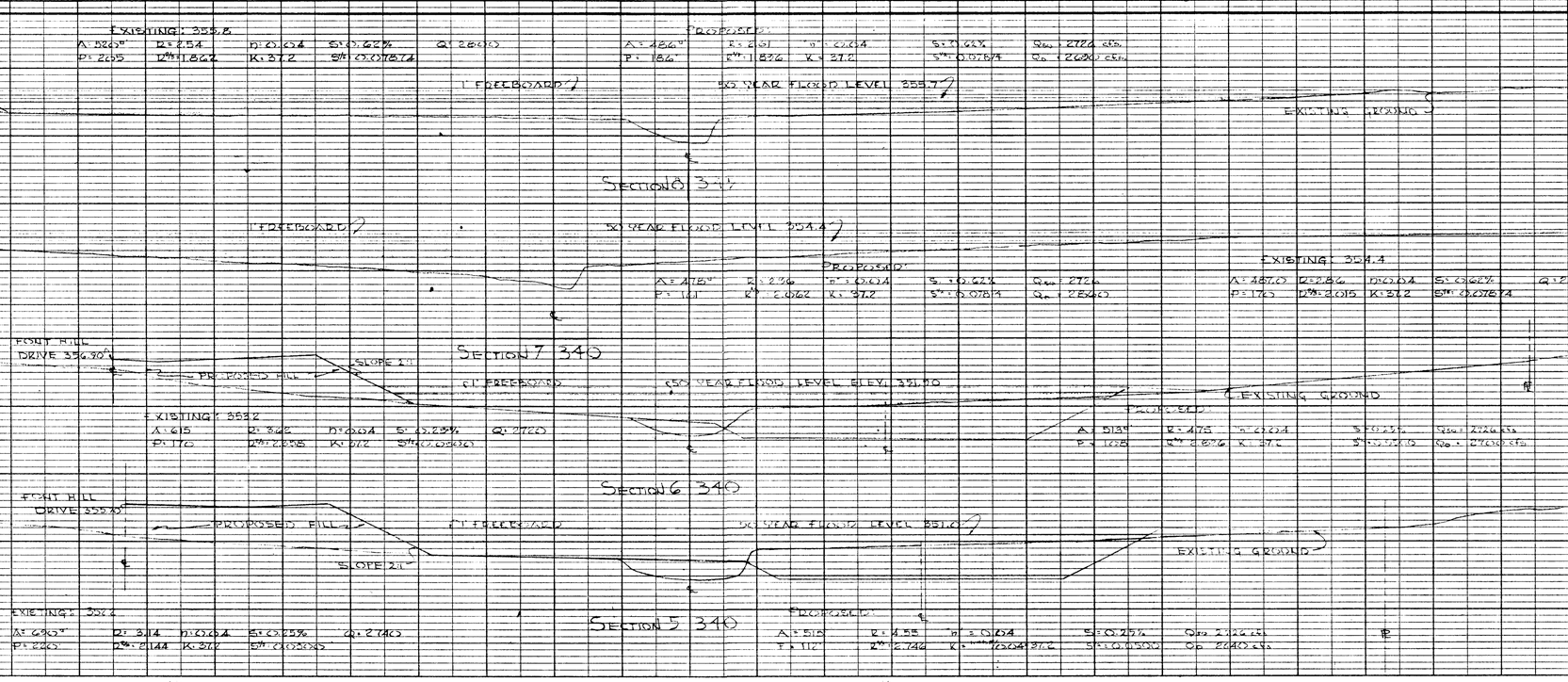


For Detail of triple 12'-6" x 7'-11" Multi-Plate Pipe Arch (8 page) 3 pipes, see sheet 5 of 7

PROFILE
SURVEYED
PLOTTED
NOTE BOOK — GRADES CHECKED
NO. — B. M.'s NOTED — STRUCTURE NOTATIONS CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE



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

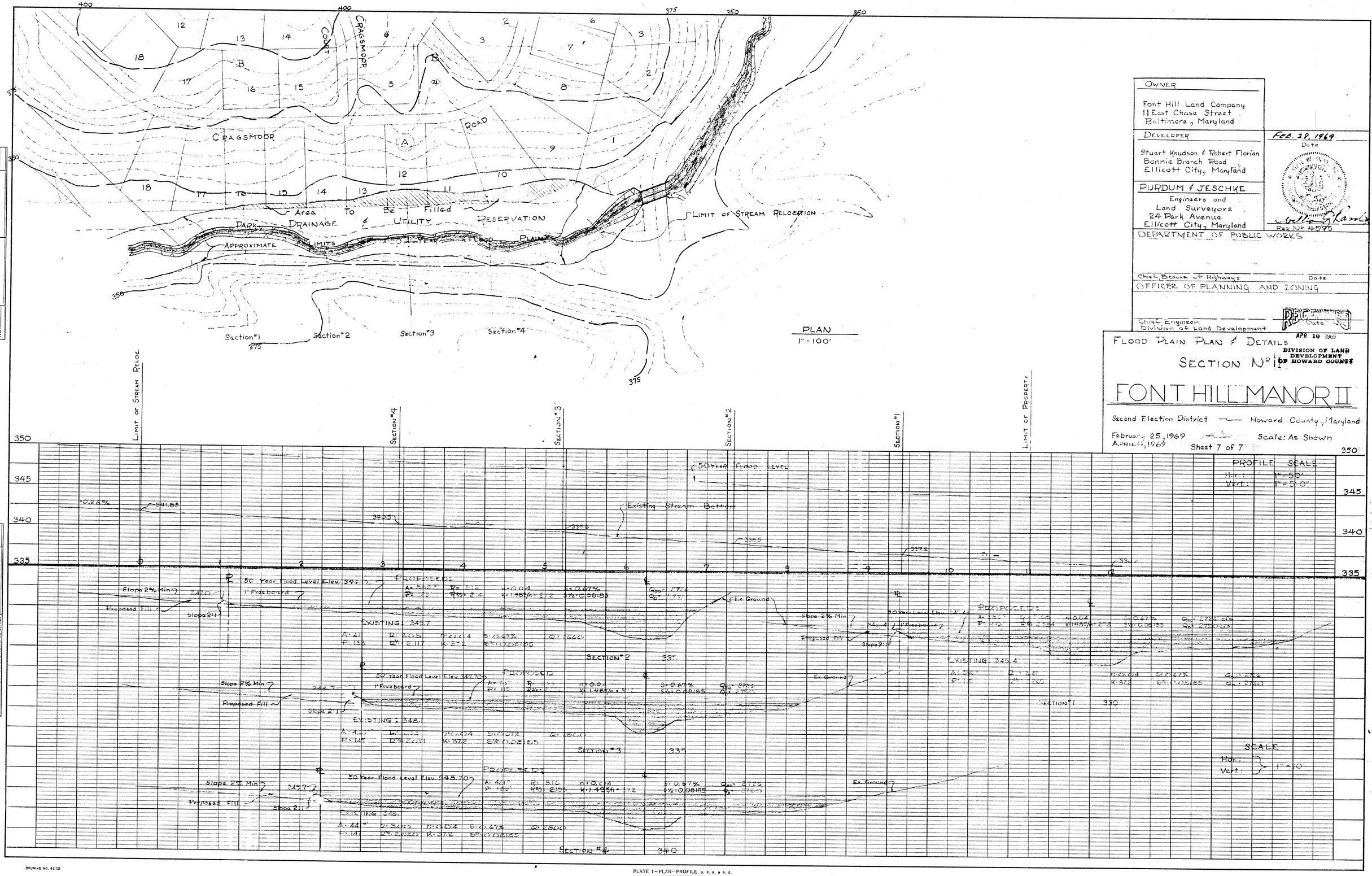


PROFILE SCALE
Ver: 1"=10'
Hor: 1"=50'

PLATE 1—PLAN-PROFILE O. P. R. & R. E.
MADE AND PRINTED IN U.S.A.
CHARLES BRUNING COMPANY

BRUNING NO. 42-131

F-69-09



OWNER	Font Hill Land Company 11 East Chase Street Baltimore, Maryland
DEVELOPER	Stuart Knudson & Robert Florian Bonnie Branch Road Ellicott City, Maryland
PURDUM & JESCHKE	Engineers and Land Surveyors 24 Park Avenue Ellicott City, Maryland

Feb. 28, 1969
Date

Reg. No. 4575

DEPARTMENT OF PUBLIC WORKS

Chief, Bureau of Highways — Date

OFFICER OF PLANNING AND ZONING

Chief Engineer, Division of Land Development — Date

RECEIVED
APR 10 1969
DIVISION OF LAND DEVELOPMENT OF HOWARD COUNTY

FLOOD PLAIN PLAN & DETAILS

SECTION No. 1

FONT HILL MANOR II

Second Election District — Howard County, Maryland

February 25, 1969
April 4, 1969

Scale: As Shown

Sheet 7 of 7

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

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B. M. & NOTED, STRUCTURE NOTAT'NS CH'KD. — NOTE BOOK NO. — BY — DATE

BRUNING NO. 42-131

PLATE 1—PLAN—PROFILE O. P. R. & R. E.
MADE AND PRINTED IN U.S.A.
CHARLES BRUNING COMPANY

F-69-09