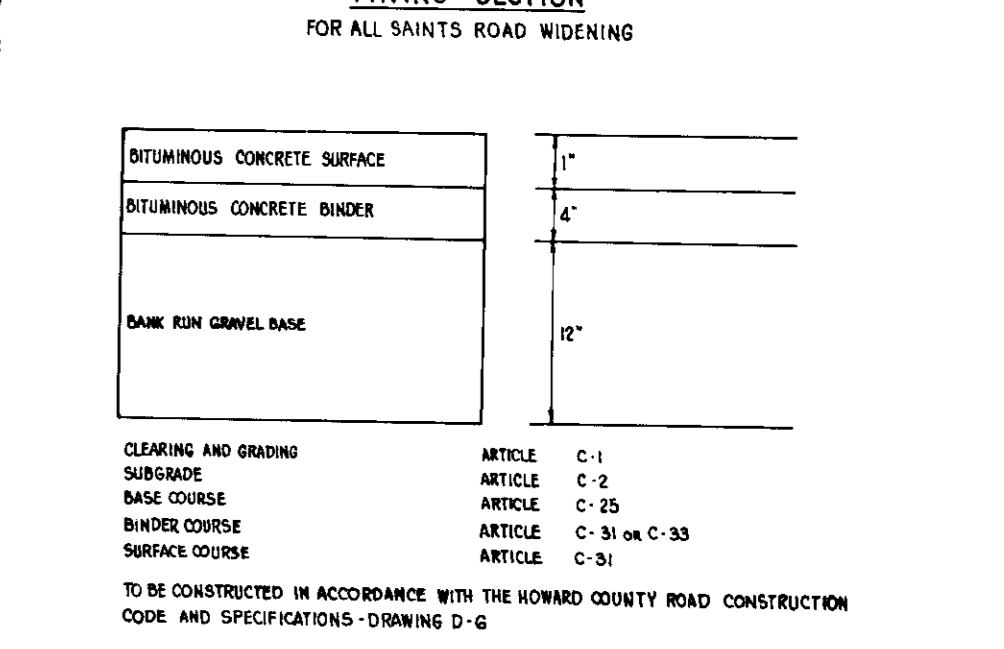
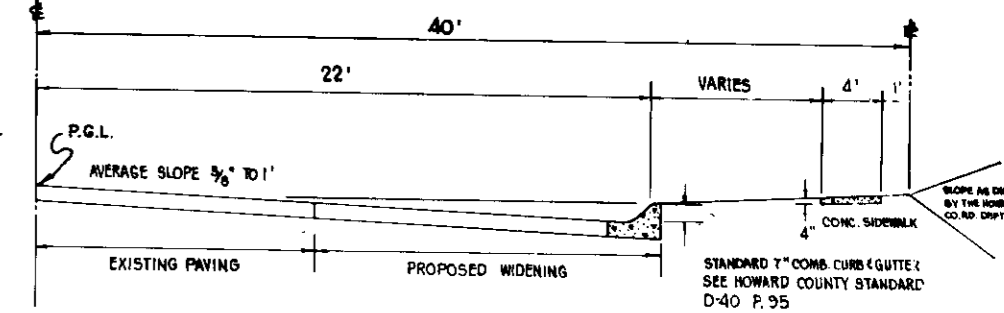
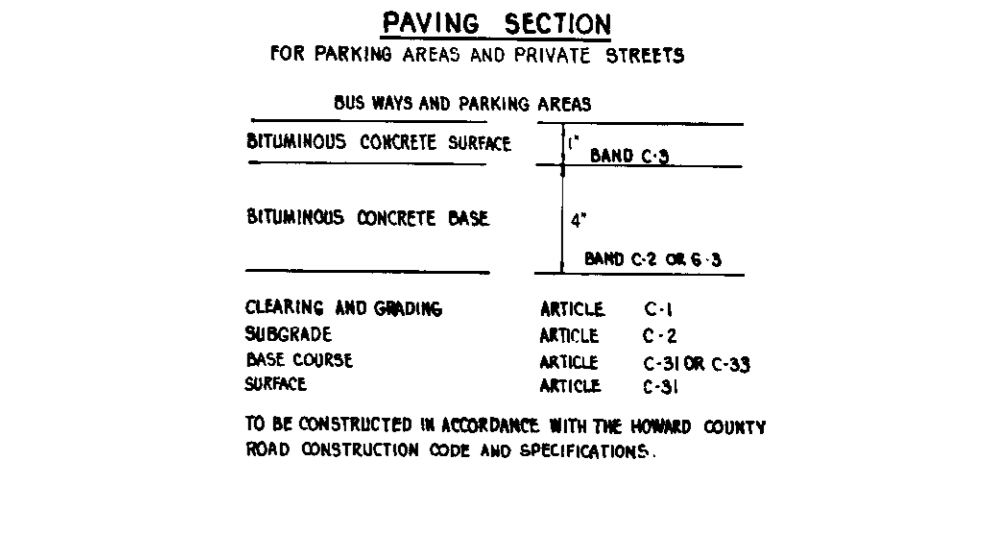
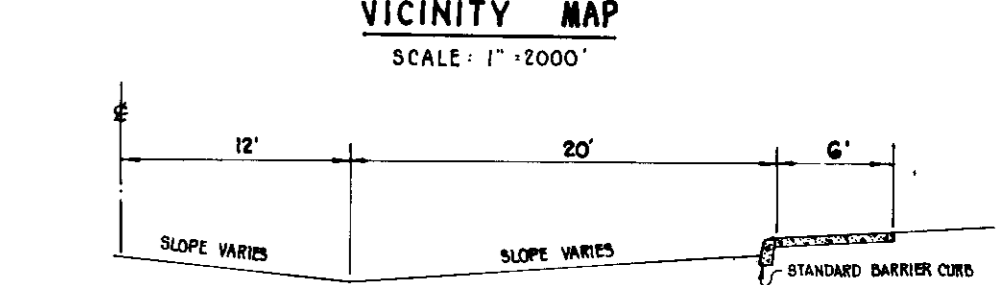
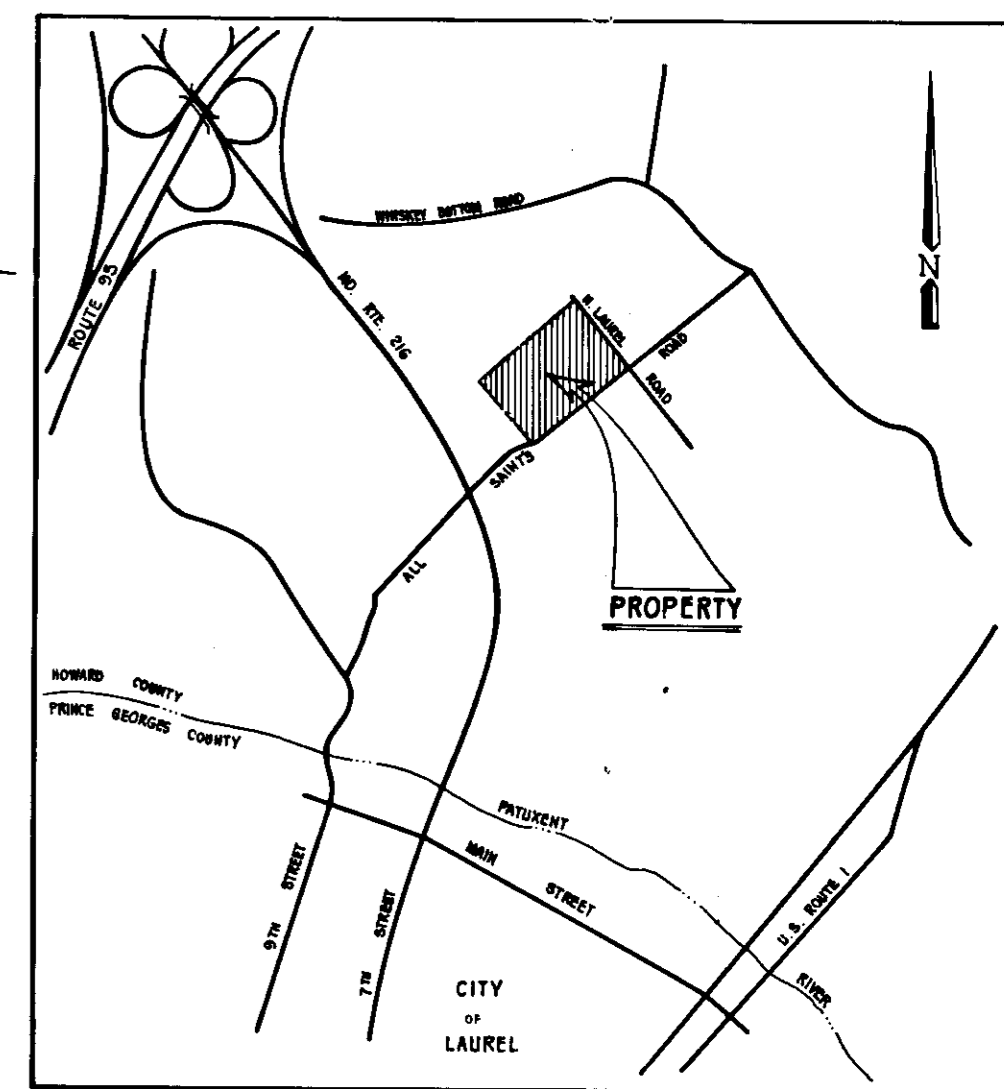
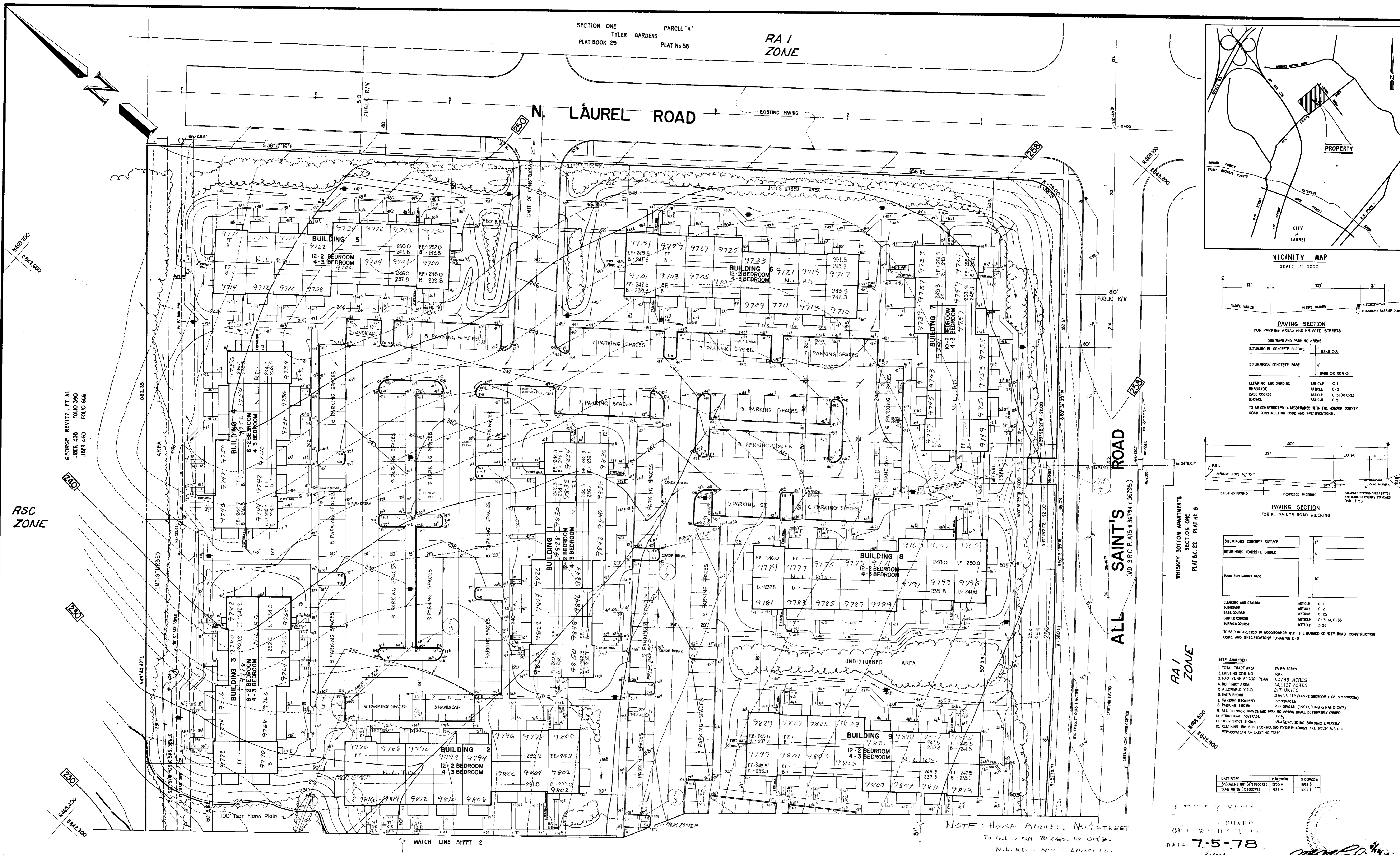


SECTION ONE
TYLER GARDENS
PLAT BOOK 29
PARCEL "A"
PLAT No. 58
RA I
ZONE



SITE ANALYSIS:

1. TOTAL TRACT AREA	15.89 ACRES
2. EXISTING ZONING	RA-1
3. 100 YEAR FLOOD PLAIN	1.3793 ACRES
4. NET TRACT AREA	14.5107 ACRES
5. ALLOWABLE FLOOR AREA	217 UNITS
6. UNITS SHOWN	216 UNITS (148 2-BEDROOM + 68 3-BEDROOM)
7. PARKING REQUIRED	370 SPACES
8. PARKING SHOWN	370 SPACES (INCLUDING 6 HANDICAP)
9. ALL INTERIOR DRIVEWAYS AND PARKING AREAS SHALL BE PRIVATELY OWNED	
10. STRUCTURAL COVERAGE	17%
11. OPEN SPACE SHOWN	48% (INCLUDING BUILDING & PARKING)
12. RETAINING WALLS NOT CONNECTED TO THE BUILDINGS ARE SOLELY FOR THE PROTECTION OF EXISTING TREES.	

DATE 7-5-78
JMM

GEORGE REVITT, ET AL.
LIBER 456 FOLD 390
LIBER 460 FOLD 666

RSC ZONE

1:250
1:500
1:1000

NO.	BY	DATE	REVISIONS
1	CWL	22 June, 1978	Revised Unit Count & Bldg. No. 17

APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Joseph M. Boylston 10-9-78
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
William W. ... 10-10-78
DATE

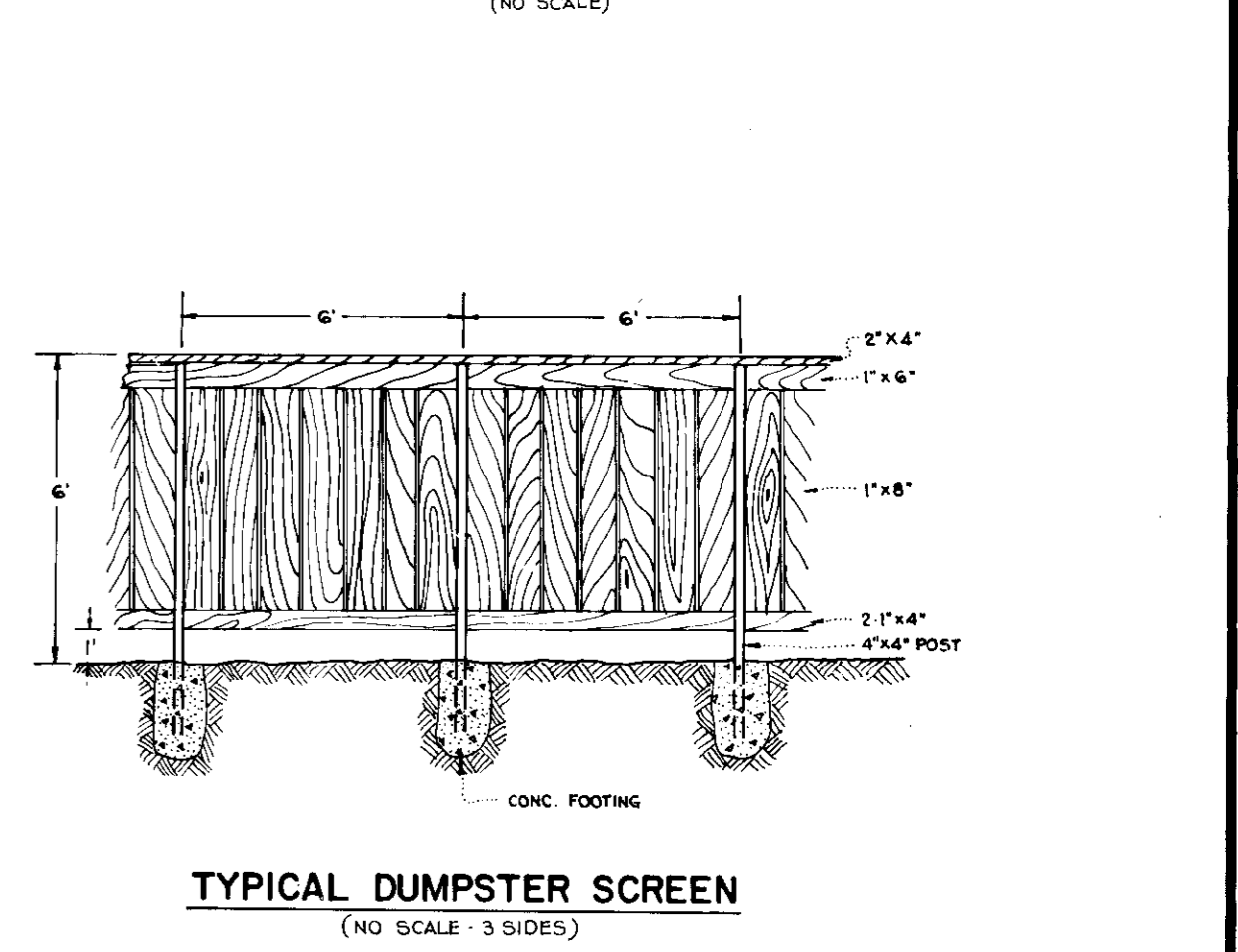
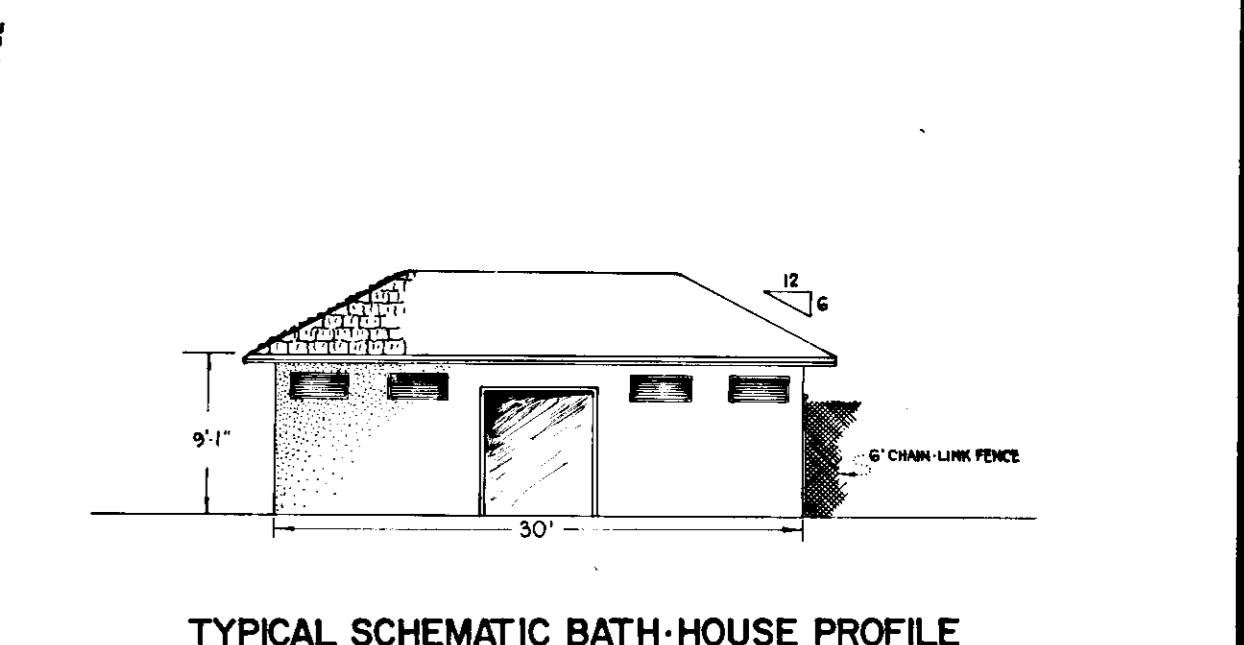
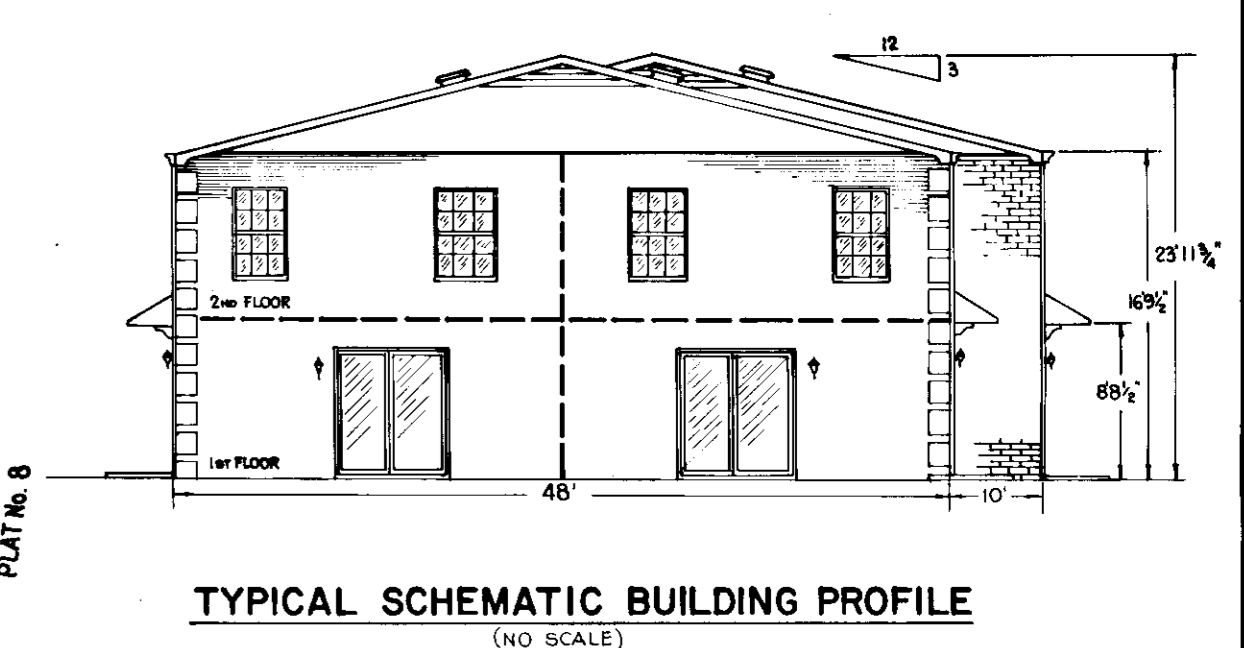
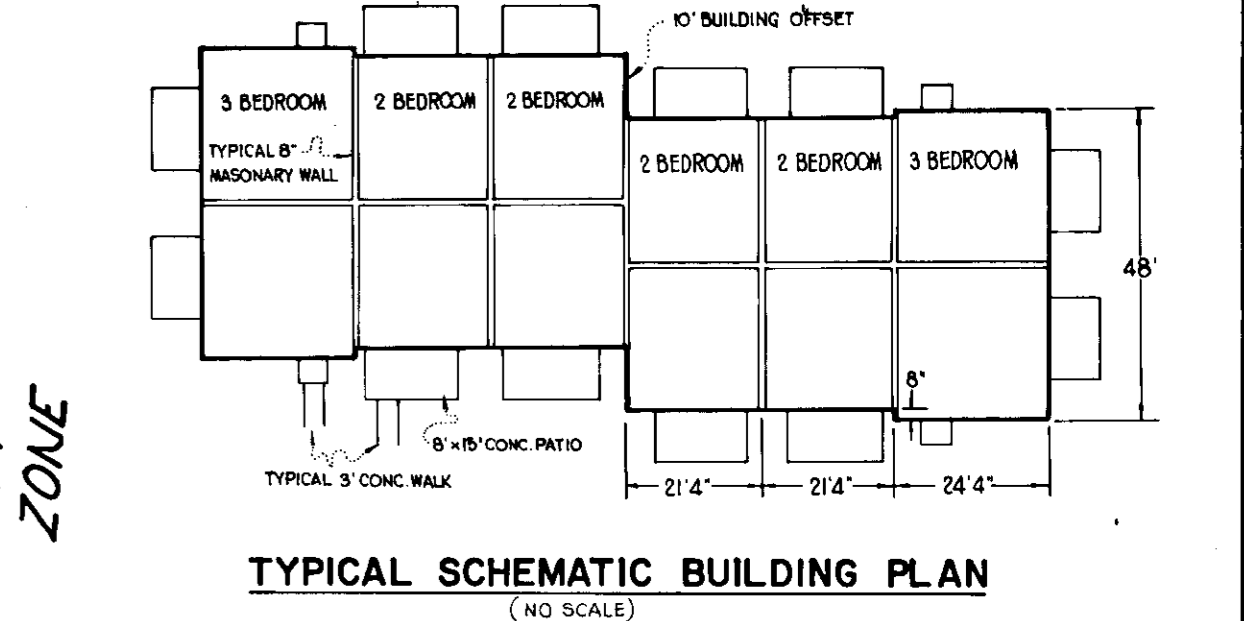
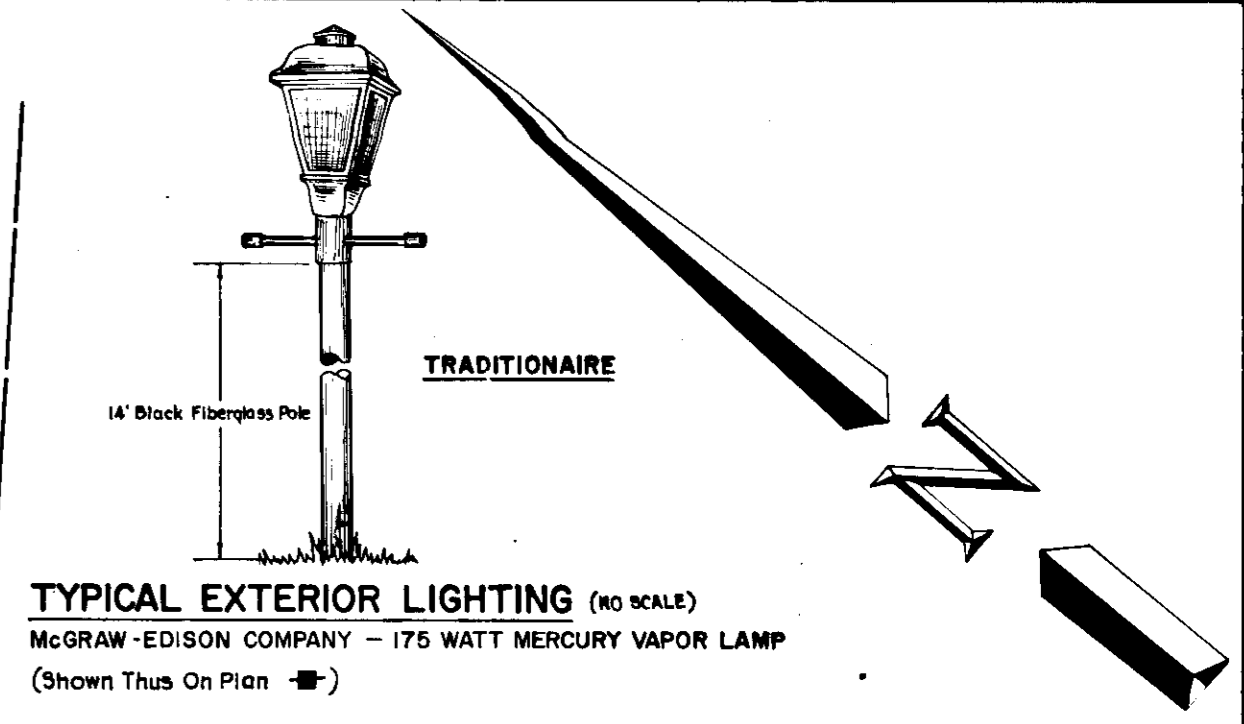
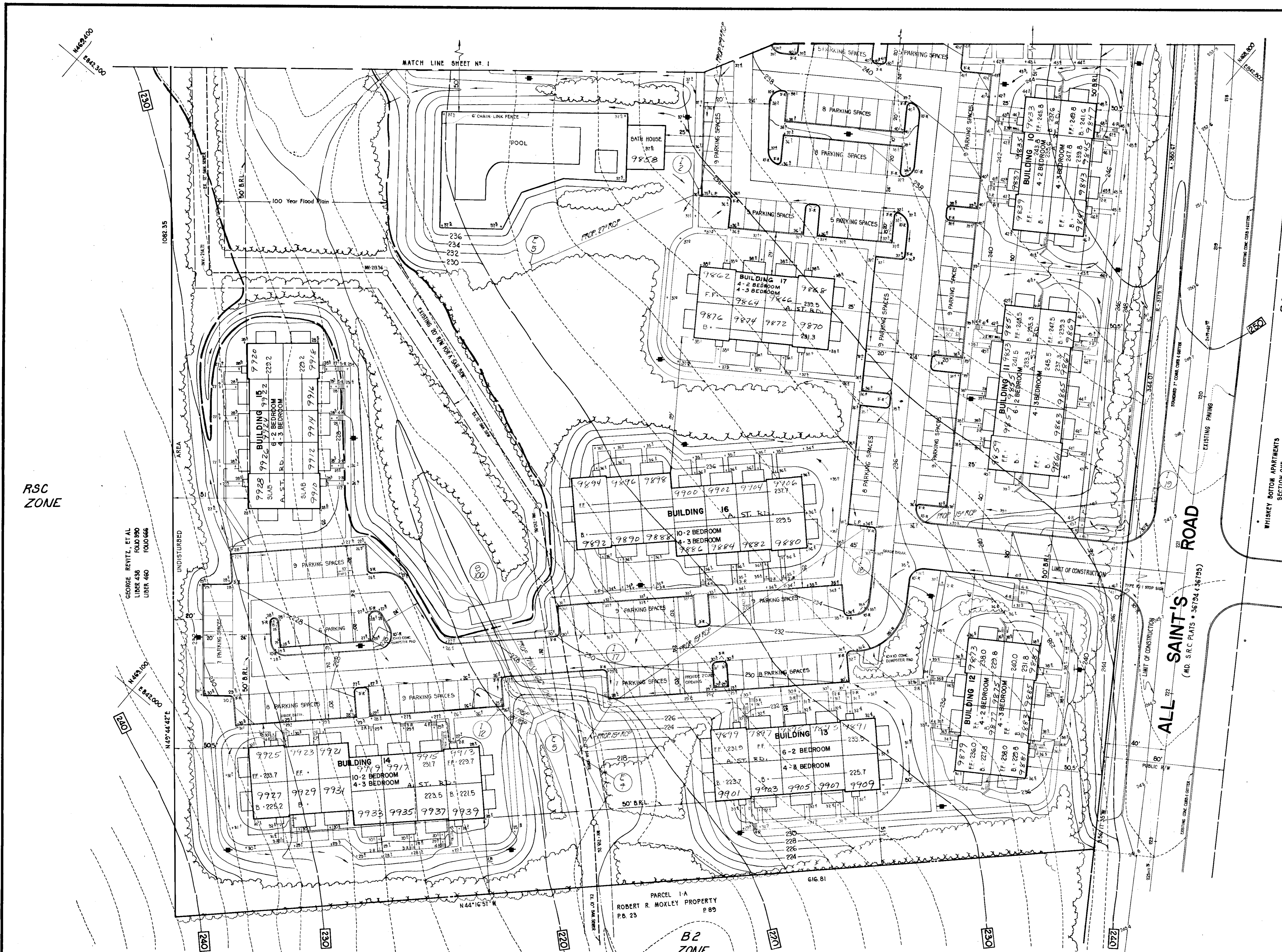
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
W. O. ... 10-5-78
DATE

JOHNSON - McCORDIC - THOMPSON, P.A.
ENGINEERS • PLANNERS • SURVEYORS
1620 ELTON ROAD
434-7000
SILVER SPRING, MD.
20903

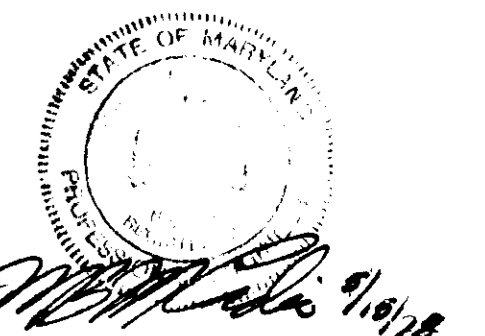
SITE DEVELOPMENT PLAN
PART OF BOTTOM 166
WHISKEY BOTTOM WEST
TAX MAP 47
SIXTH ELECTION DISTRICT
PERM. 410
HOWARD COUNTY, MARYLAND

OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP 1720 WISCONSIN AVENUE, N.W. WASHINGTON, D.C. 20007 PHONE: 338-7735
DESIGN DEC./REV. SHEET 1 OF 14
DRAFT DATE SEPT 1977 JOB NO. T.032-21
APPROVED SCALE: 1"=30' FILE NO. T.032-215

SDP-78-71



APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 7-5-78
 [Signature]



NO.	BY	DATE	REVISIONS

APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 [Signature] 10-9-78
 COUNTY HEALTH OFFICER

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 [Signature] 10-10-78
 CHIEF OF LAND DEPT.
 [Signature] 10-10-78
 PLANNING DIRECTOR

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature] 10-5-78
 CHIEF OF ENGINEERING
 [Signature] 10/5/78
 DIRECTOR

JOHNSON - McCORDIC - THOMPSON, P.A.
 ENGINEERS • PLANNERS • SURVEYORS
 1620 ELTON ROAD SILVER SPRING, MD.
 434-7000 20803

SITE DEVELOPMENT PLAN
 PART OF PARCEL 166
WHISKEY BOTTOM WEST
 TAX MAP 47
 SIXTH ELECTION DISTRICT
 P.B. NO. 4103
 HOWARD COUNTY, MARYLAND

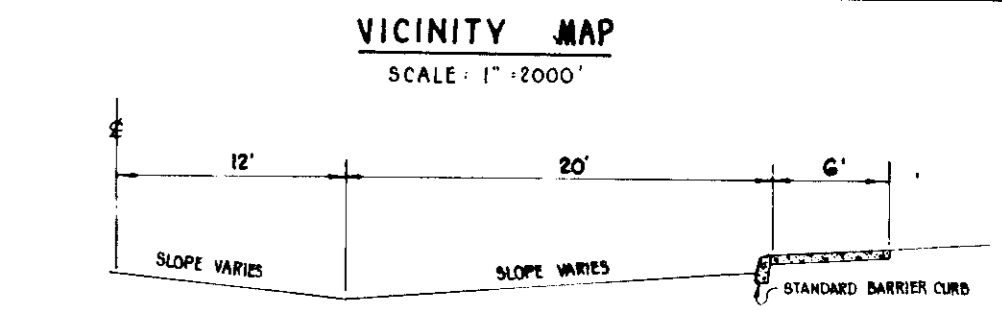
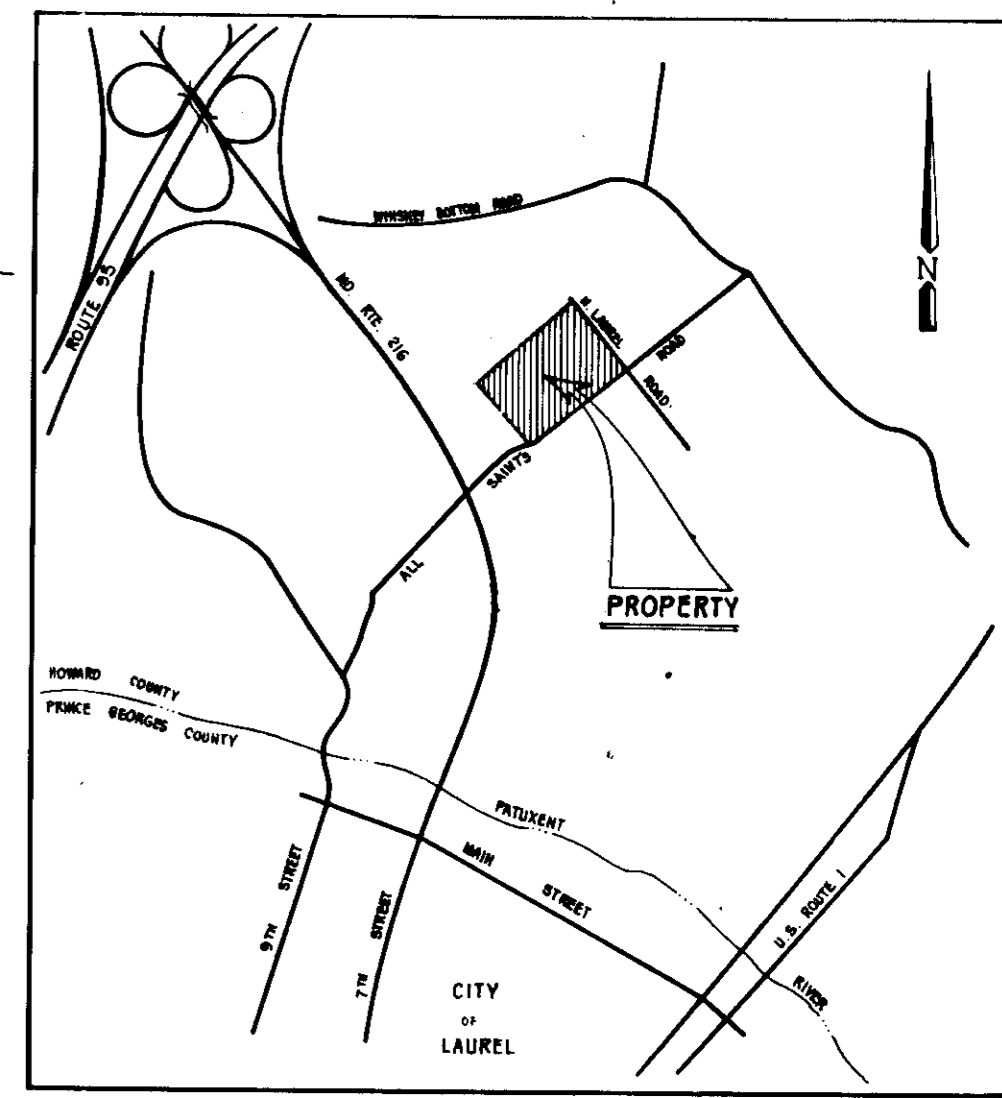
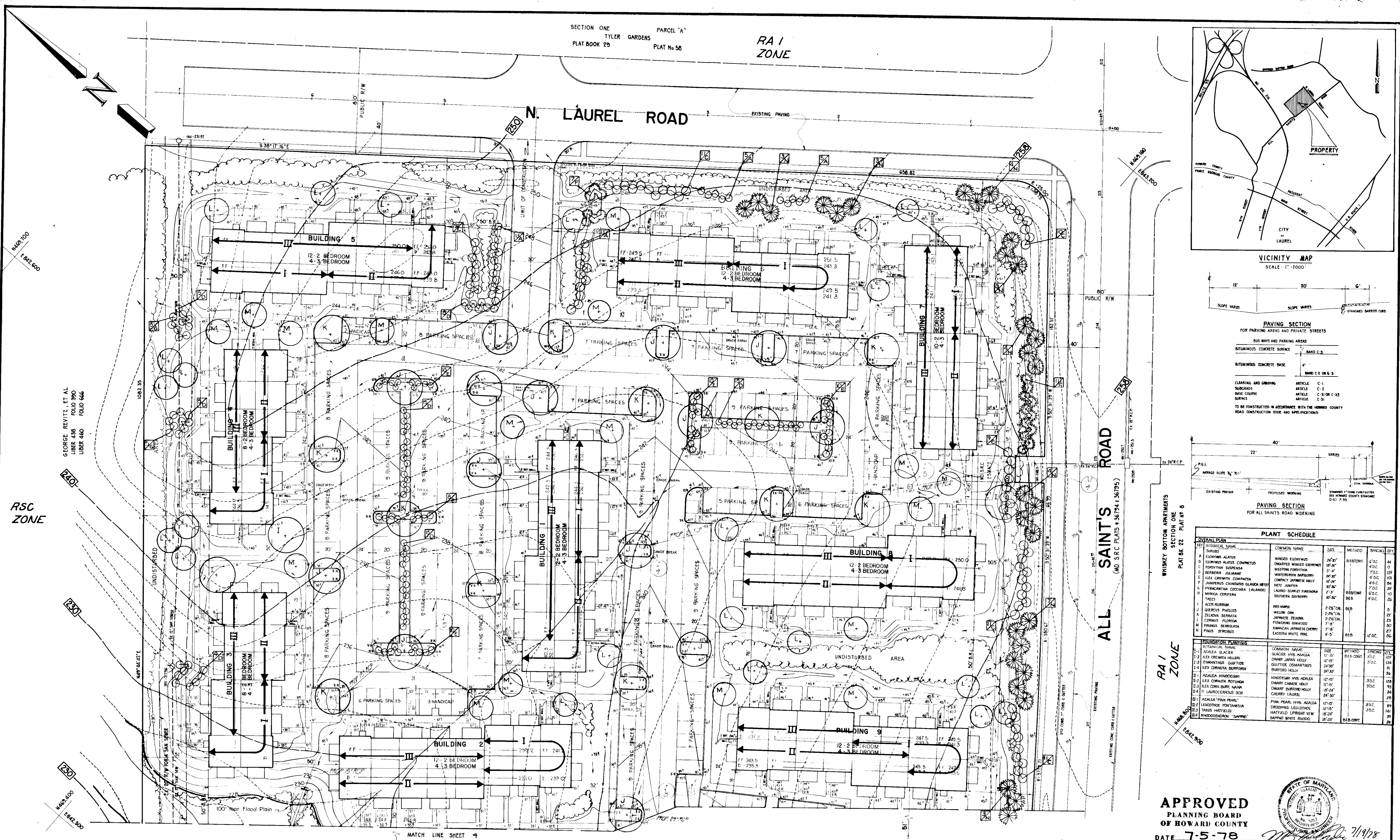
OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP
 1720 WISCONSIN AVENUE, N.W.
 WASHINGTON, D.C. 20007
 PHONE: 338-7755
 DESIGNED BY: [Signature] SHEET 2 OF 14
 DRAFT: [Signature] DATE: SEPT 1977 JOB NO: 7-032-21
 APPROVED: [Signature] SCALE: 1" = 30' FILE NO: 7-032-21B

SDP-78-71

SECTION ONE
TYLER GARDENS
PLAT BOOK 29

PARCEL "A"
PLAT No 58

RA I
ZONE

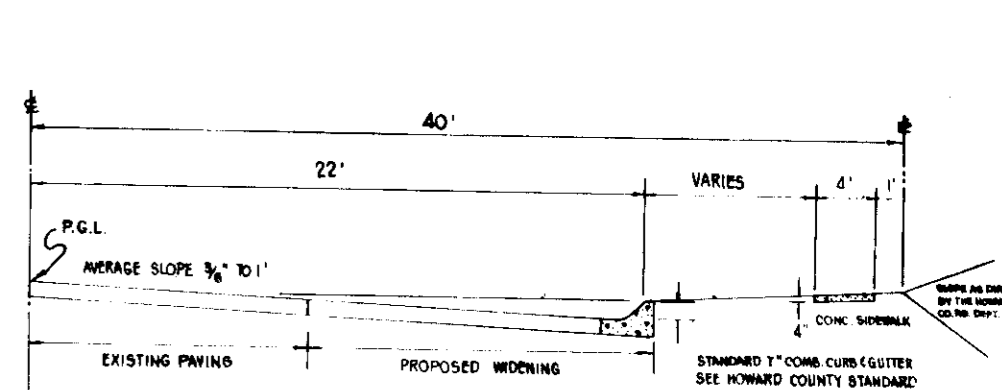


PAVING SECTION
FOR PARKING AREAS AND PRIVATE STREETS
DUS WAYS AND PARKING AREAS

BITUMINOUS CONCRETE SURFACE	BAND C-3
BITUMINOUS CONCRETE BASE	BAND C-2 OR C-3

CLEARING AND GRADING ARTICLE C-1
SUBGRADE ARTICLE C-2
PAVING COURSE ARTICLE C-3 OR C-3.5
SURFACE ARTICLE C-3.1

TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.



PAVING SECTION FOR ALL SAINT'S ROAD WIDENING

PLANT SCHEDULE

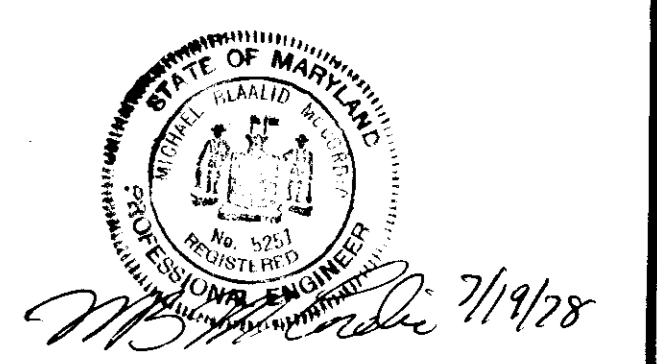
SYMBOL	COMMON NAME	SIZE	METHOD	SPACING	NOTES
A	WINGED EGGWOOD	24" x 36"	B&B/CONT.	4' x 4'	44'
B	WINGED EGGWOOD	18" x 24"	B&B/CONT.	4' x 4'	0'
C	WINTERGREEN HARBERRY	18" x 24"	4' x 4'	4' x 4'	139'
D	WINTERGREEN HARBERRY	18" x 24"	4' x 4'	4' x 4'	128'
E	WINTERGREEN HARBERRY	18" x 24"	4' x 4'	4' x 4'	84'
F	WINTERGREEN HARBERRY	18" x 24"	4' x 4'	4' x 4'	39'
G	WINTERGREEN HARBERRY	18" x 24"	4' x 4'	4' x 4'	103'
H	WINTERGREEN HARBERRY	18" x 24"	4' x 4'	4' x 4'	20'
I	RED MAPLE	2 1/2" CAL	B&B	5'	5'
J	WILLOW OAK	2 1/2" CAL	B&B	22'	22'
K	JAPANESE ZELKOVIA	2 1/2" CAL	B&B	23'	23'
L	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
M	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
N	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
O	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
P	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
Q	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
R	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
S	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
T	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
U	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
V	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
W	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
X	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
Y	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'
Z	FLORIDA OAKWOOD	2 1/2" CAL	B&B	27'	27'

WHISKEY BOTTOM APARTMENTS
SECTION ONE
PLAT BK 22 PLAT # 8

RA I
ZONE

APPROVED
PLANNING BOARD
OF HOWARD COUNTY

DATE: 7-5-78



GEORGE REVITT, ET AL.
LIBER 436 FOLIO 220
LIBER 460 FOLIO 666

RSC
ZONE

NO.	BY	DATE	REVISIONS

APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
10-9-78

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
10-10-78

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROAD IMPROVEMENT DEPARTMENT OF PUBLIC WORKS
10/5/78

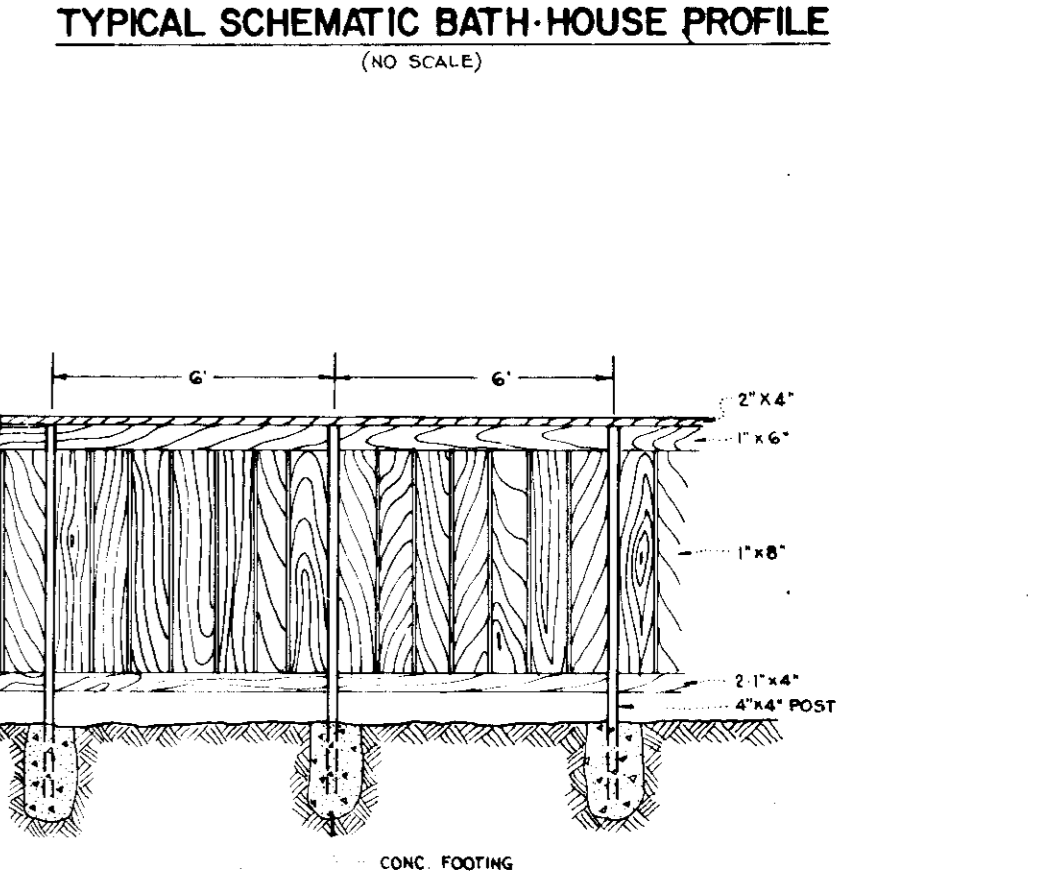
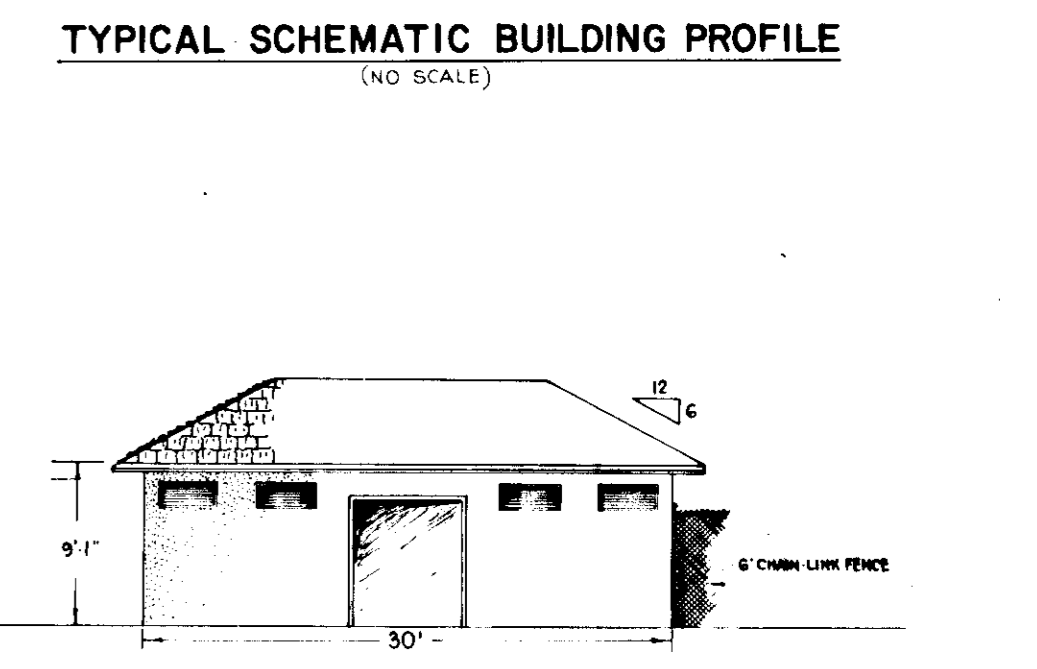
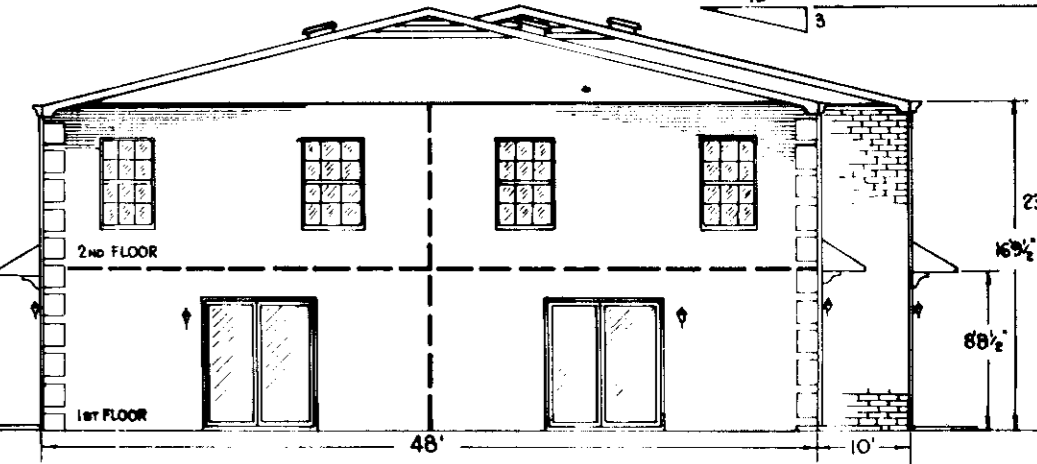
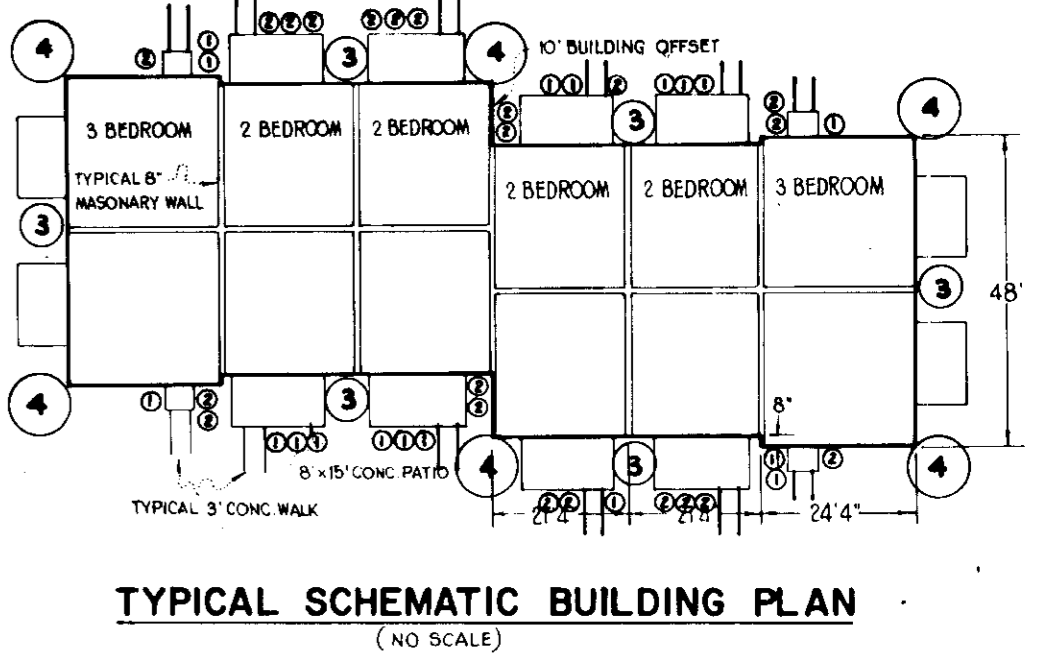
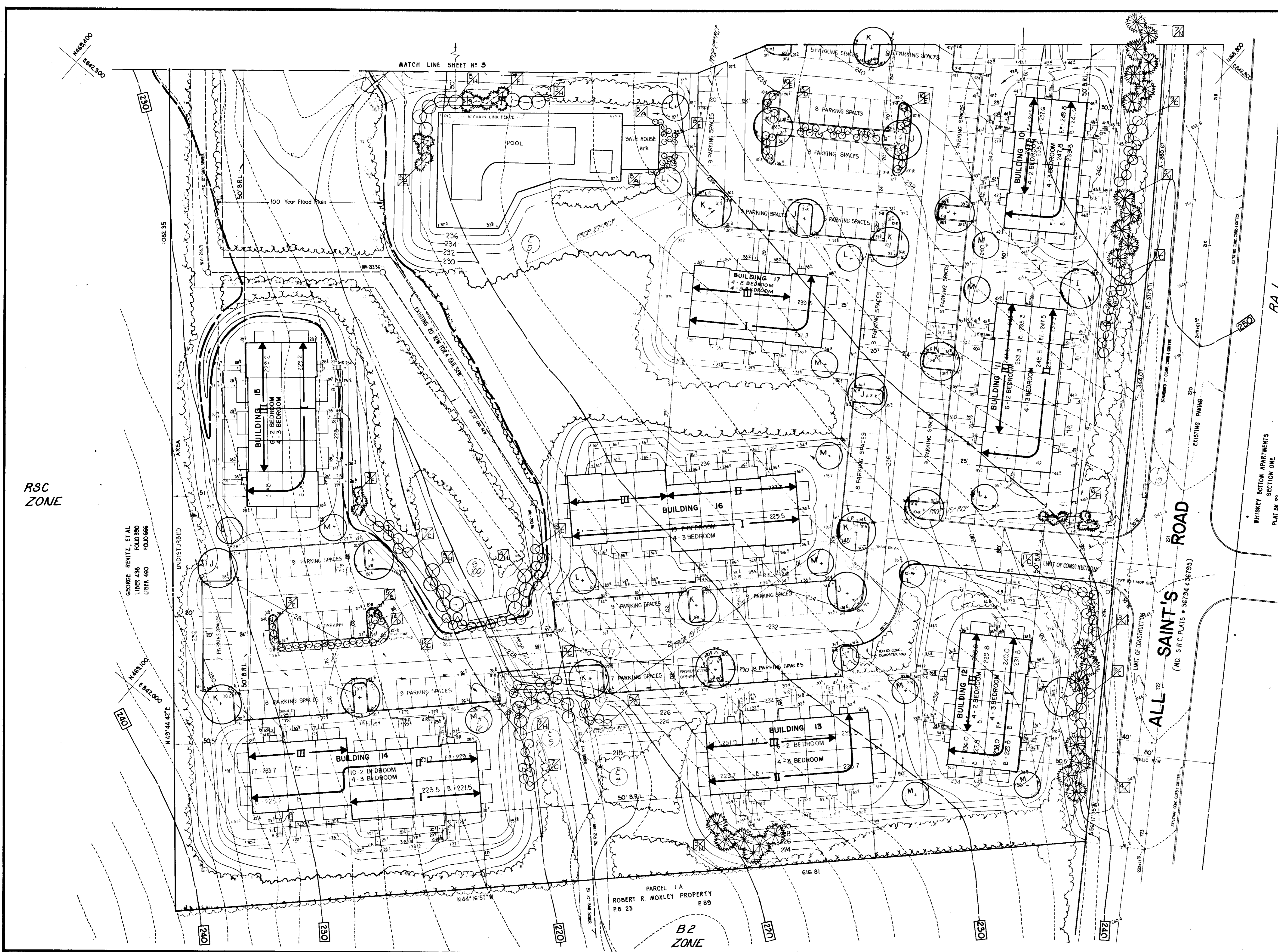
JOHNSON - McCORDIC - THOMPSON, P.A.
ENGINEERS - PLANNERS - SURVEYORS
1620 ELTON ROAD SILVER SPRING, MD. 20903

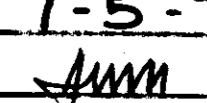
LANDSCAPE PLAN
PART OF PARCEL 166
WHISKEY BOTTOM WEST
TAX MAP 47
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

OWNER: WHISKEY BOTTOM WEST LIMITED PARTNERSHIP
1720 WISCONSIN AVENUE, N.W.
WASHINGTON, D.C. 20007
PHONE: 388-7735

DESIGN	SHEET	3 OF 14
DRAFT	DATE	SEPT. 1977
APPROVED	SCALE	1" = 30'
	FILE NO.	T.032.2153

SDP-78-71



APPROVED
PLANNING BOARD
OF HOWARD COUNTY
 DATE 7-5-78




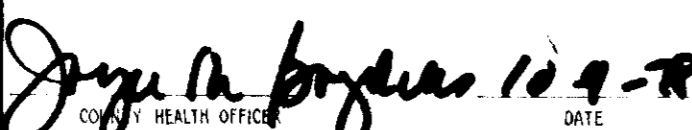
RSC
 ZONE

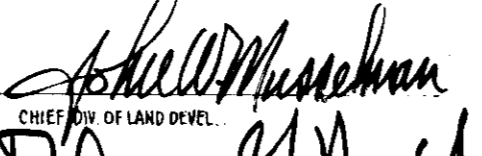

RA-1
 ZONE

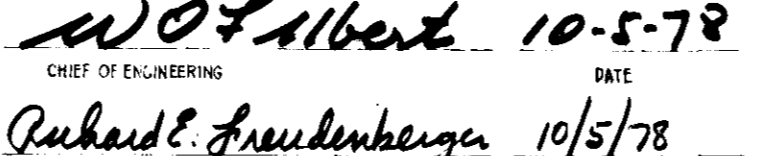

ALL SAINT'S ROAD
 (MD. S.R.C. PLATS - 36724 (4-36795))

PARCEL 1-A
 ROBERT R. MOXLEY PROPERTY
 P.B. 23 P.89
 B2
 ZONE

NO.	BY	DATE	REVISIONS

APPROVED: FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

 DATE 10-9-78

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

 DATE 10-10-78

 DATE 10-10-78

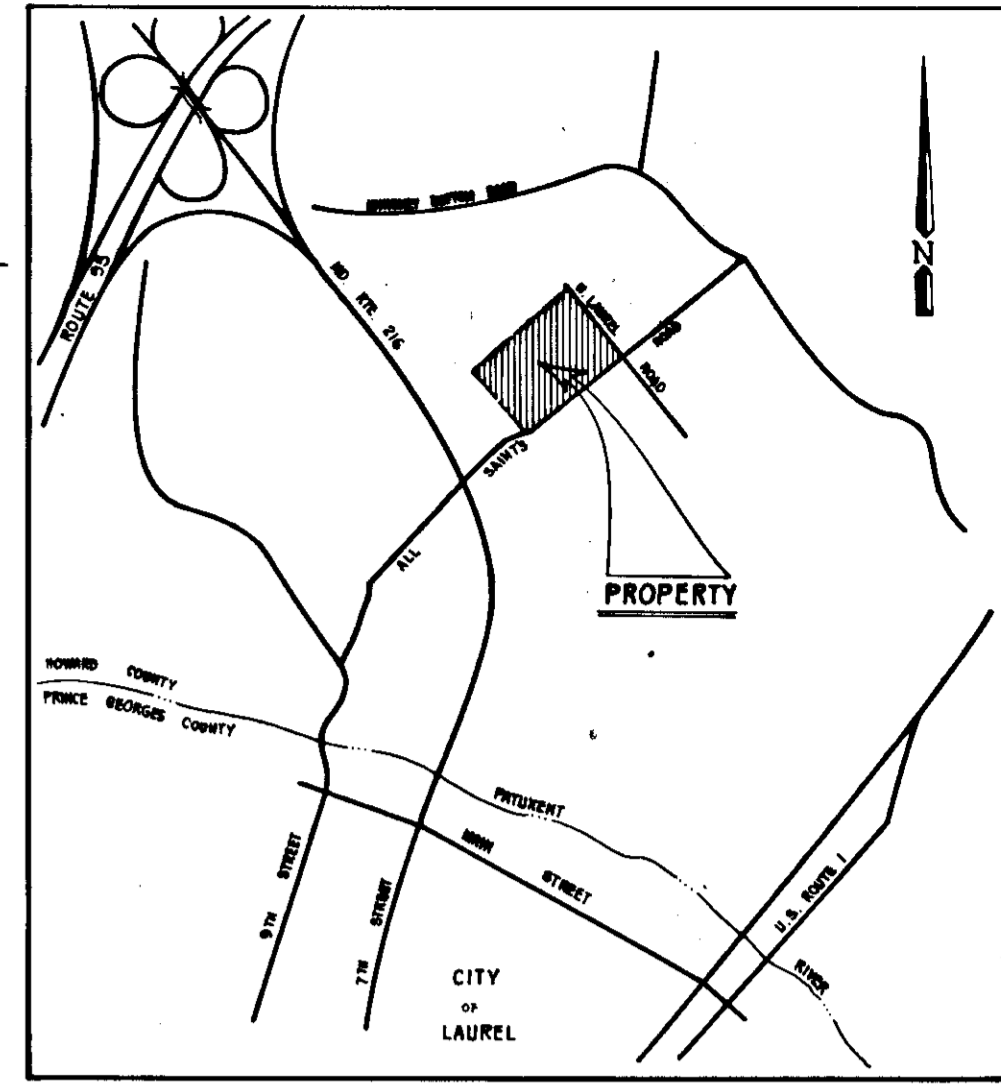
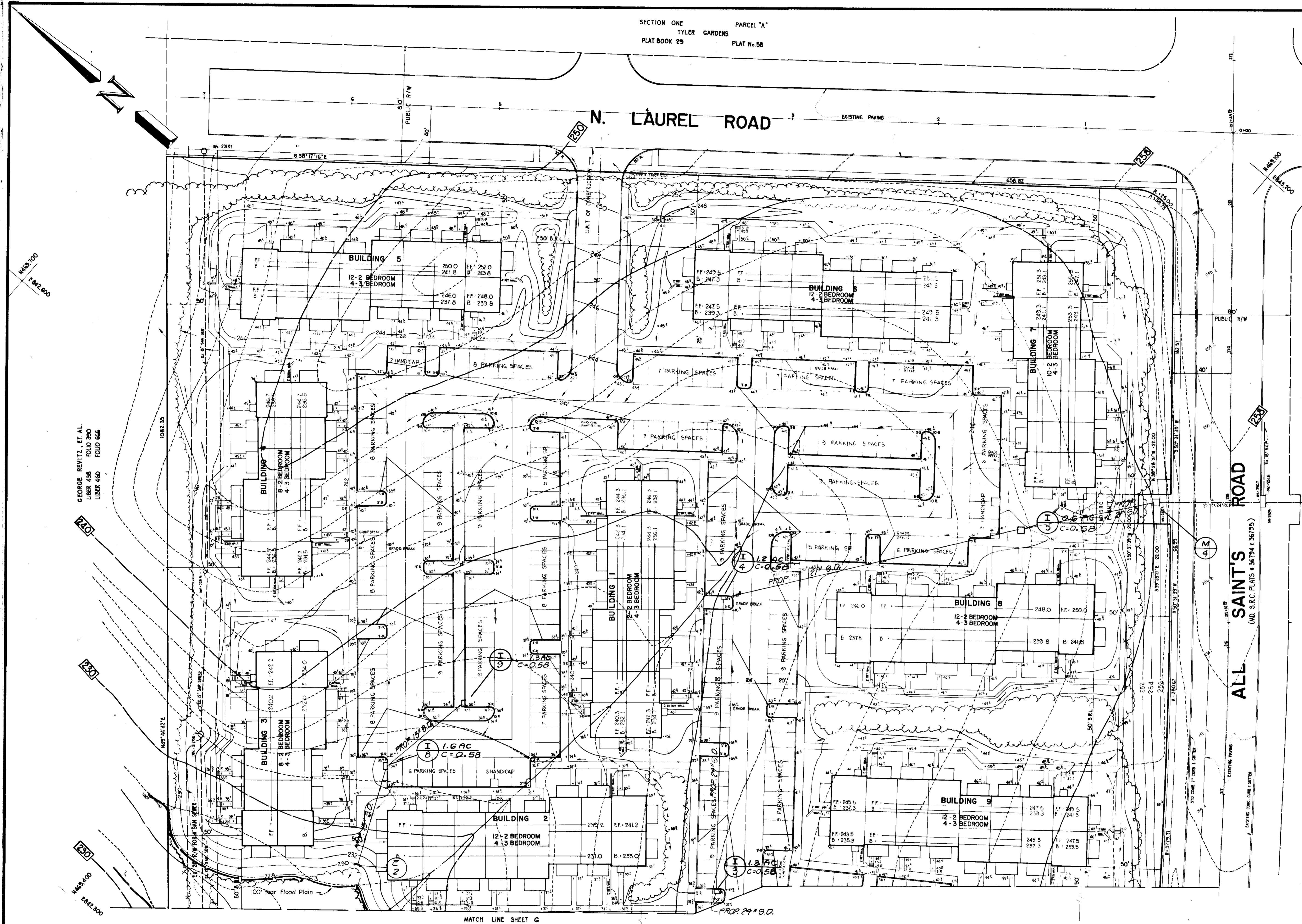
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

 DATE 10-5-78

 DATE 10/5/78

JOHNSON - McCORDIC - THOMPSON, P.A.
 ENGINEERS • PLANNERS • SURVEYORS
 1620 ELTON ROAD
 434-7000
 SILVER SPRING, MD.
 20903

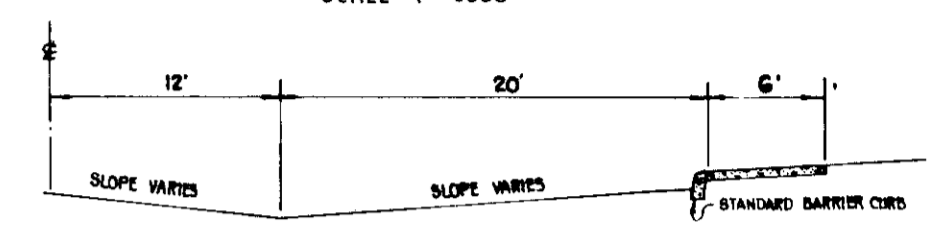
LANDSCAPE PLAN
 PART OF PARCEL 166
WHISKEY BOTTOM WEST
 TAX MAP 47
 SIXTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP
 1720 WISCONSIN AVENUE, N.W.
 WASHINGTON, D.C. 20007
 PHONE: 938-7735
 DESIGN: SHEET 4 OF 14
 DRAFT: DATE: SEPT 1977 JOB NO. T 052-21-53
 APPROVED: SCALE: 1" = 30' FILE NO. T 032-21-53 B

SECTION ONE
TYLER GARDENS
PLAT BOOK 29
PARCEL "A"
PLAT No. 58

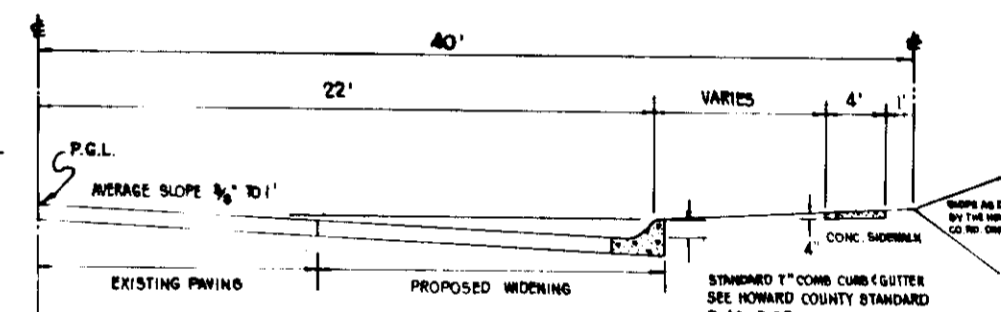


VICINITY MAP
SCALE 1" = 200'



PAVING SECTION
FOR PARKING AREAS AND PRIVATE STREETS

BUS WAYS AND PARKING AREAS	
BITUMINOUS CONCRETE SURFACE	BASE C-3
BITUMINOUS CONCRETE BASE	4"
CLEARING AND GRADING	
SUBGRADE	ARTICLE C-1
BASE COURSE	ARTICLE C-2
SURFACE	ARTICLE C-31 OR C-33
TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS	



PAVING SECTION
FOR ALL SAINTS ROAD WIDENING

BITUMINOUS CONCRETE SURFACE	
BITUMINOUS CONCRETE BASE	
BASE FOR GRAVEL BASE	
CLEARING AND GRADING	
SUBGRADE	ARTICLE C-1
BASE COURSE	ARTICLE C-25
SURFACE COURSE	ARTICLE C-31 OR C-33
TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS - DRAWING D-6	

SITE ANALYSIS:

- TOTAL TRACT AREA: 15.89 ACRES
- EXISTING ZONING: RA-1
- 100 YEAR FLOOD PLAIN: 1,373 SQ. FT.
- NET TRACT AREA: 14,516 SQ. FT.
- ALLOWABLE YIELD: 277 UNITS
- TOTAL UNITS: 276 UNITS (148-2 BEDROOM & 128-3 BEDROOM)
- PARKING REQUIRED: 358 SPACES
- PARKING SHOWN: 277 SPACES
- ALL INTERIOR DRIVES AND PARKING AREAS SHALL BE PRIVATELY OWNED.
- STRUCTURAL COVERAGE: 17%
- OPEN SPACE SHOWN: 44% EXCLUDING BUILDING & PARKING
- RETAINING WALLS NOT CONNECTED TO THE BUILDINGS ARE SOLELY FOR THE PRESERVATION OF EXISTING TREES.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 7-5-78
Sum



1	C.M.L.	22 June 78	Revised Unit Count & Bldg. No. 17
NO.	BY	DATE	REVISIONS

APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Jorge M. Boydas 10-9-78
HEALTH OFFICER

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING AND ZONING
John W. Murchman 10-10-78
PLANNING DIRECTOR

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
W.O. Gilbert 10-5-78
DIRECTOR

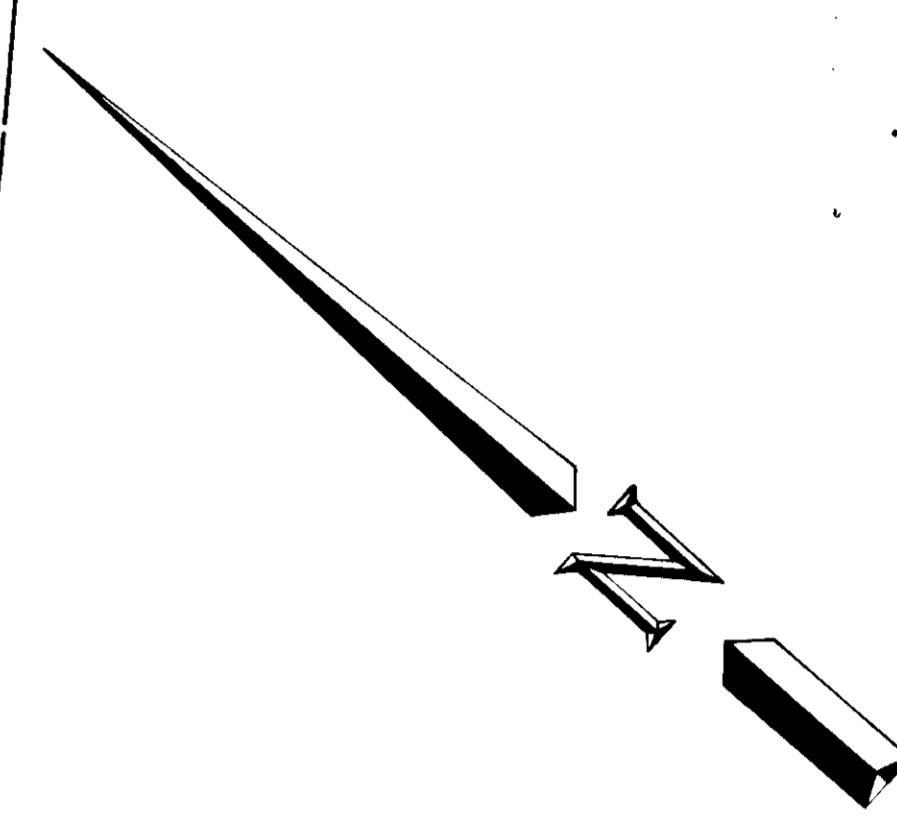
JOHNSON - M.CORDIC - THOMPSON, P.A.
ENGINEERS - PLANNERS - SURVEYORS
1620 ELTON ROAD
434-7000
SILVER SPRING, MD. 20903

DRAINAGE AREA MAP
PART OF PARCEL 186
WHISKEY BOTTOM WEST
TAX MAP 47
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP
1720 WISCONSIN AVENUE, N.W.
WASHINGTON, D.C. 20007
PHONE: 358-1735
DESIGN: *F.B.J.* SHEET 5 OF 14
DRAFT: *M.H.* DATE: *MAY 1978* JOB NO: 7-032-44.1
APPROVED: *K.L.* SCALE: 1" = 30' FILE NO: 7-032-44.1B

M&S-600
E&M-300

MATCH LINE SHEET NO. 5



M&S-600
E&M-600

GEORGE REVITZ, ET AL
LINER 438 FOLD 390
LINER 460 FOLD 666

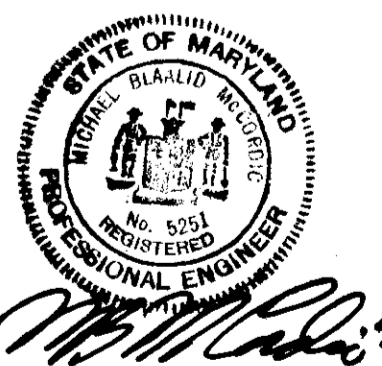
M&S-600
E&M-600



WHISKEY BOTTOM WEST
SECTION ONE
PLAT BK 22 PLAT No. 8

ALL SAINTS ROAD
(MD. S.R.C. PLATS # 36724 & 36795)

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 7-5-78
Ann



APPROVED: FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Joyce Boyer 10-7-78
HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
John W. Marshall 10-10-78
CHIEF OF LAND USE
Thomas L. Spring 10-10-78
PLANNING DIRECTOR

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Wolfe 10-5-78
CHIEF OF ENGINEERING
Richard E. Freudenberger 10/5/78
DIRECTOR

JOHNSON - McCORDIC - THOMPSON, P.A.
ENGINEERS - PLANNERS - SURVEYORS
1620 ELTON ROAD SILVER SPRING, MD.
434-7000 20803

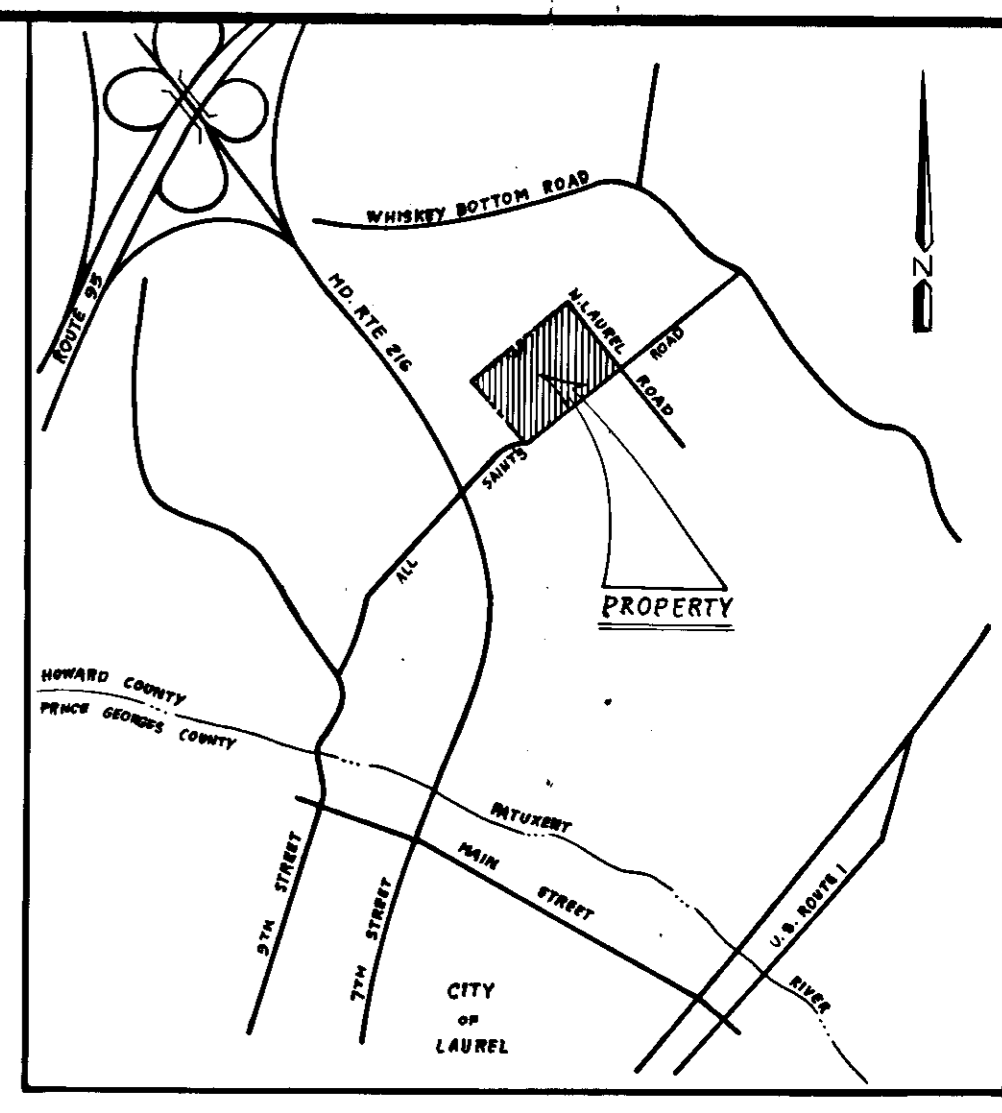
DRAINAGE AREA MAP
PART OF PARCEL 166
WHISKEY BOTTOM WEST
TAX MAP 47
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP
1720 WISCONSIN AVENUE, N.W.
WASHINGTON, D.C. 20007
PHONE: 338-7735
DESIGN: *P.B.J.* SHEET 6 OF 14
DRAFT: *M.H.* DATE: MAY 1978 JOB NO: 7-032-44.1
APPROVED: *AK* SCALE: 1" = 30' FILE NO: 7-032-44.1B

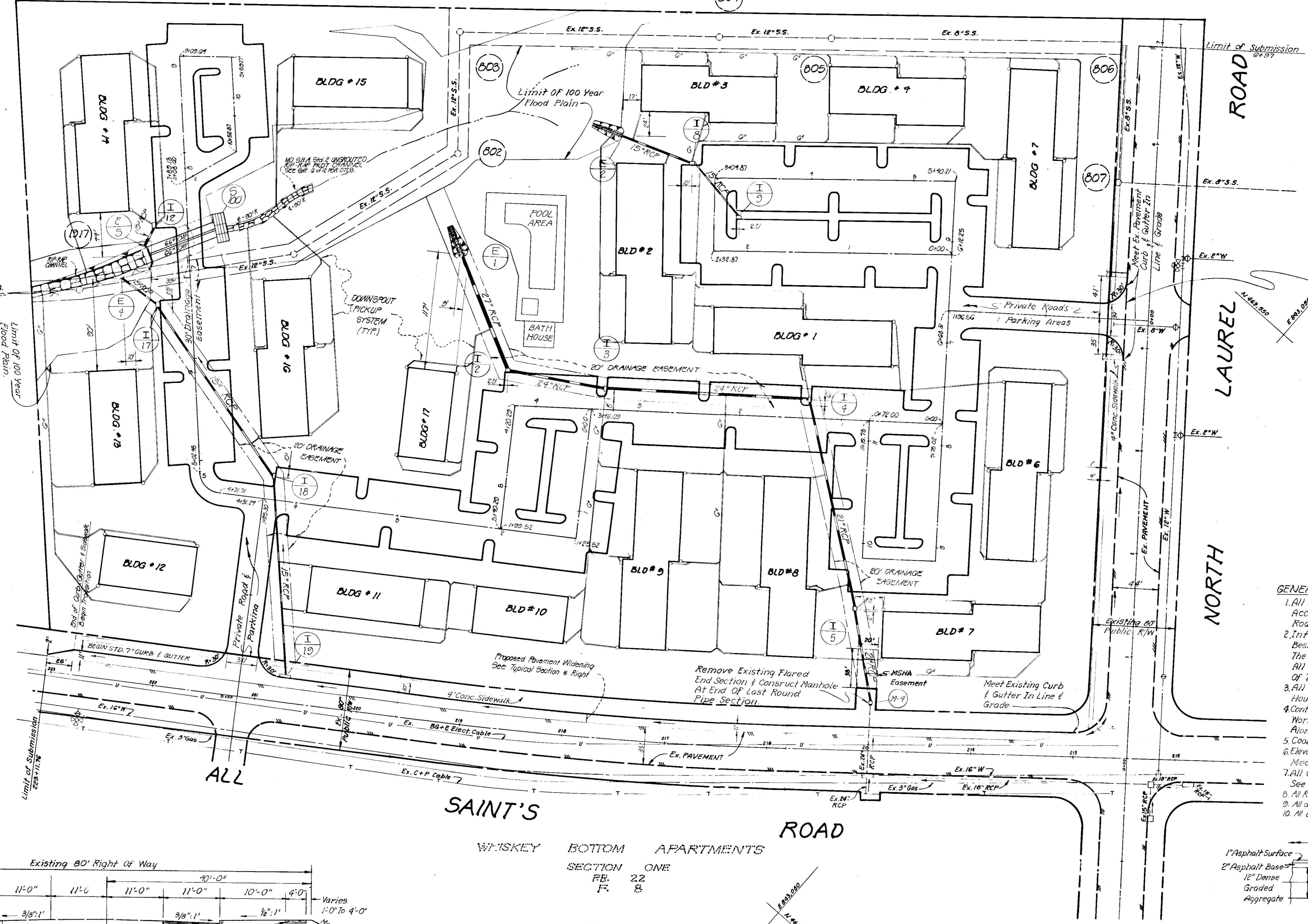
NO.	BY	DATE	REVISIONS

Parcel 1-A
ROBERT R. MOXLEY PROPERTY
 Plat Book 23 Plat No. 89

804



VICINITY MAP
 SCALE: 1" = 2000'



Remove Existing Conc. Curb & Gutter and Pave Entrance in Accordance with Std. Drawing D-6, Page G1, Howard County Road Construction Code.

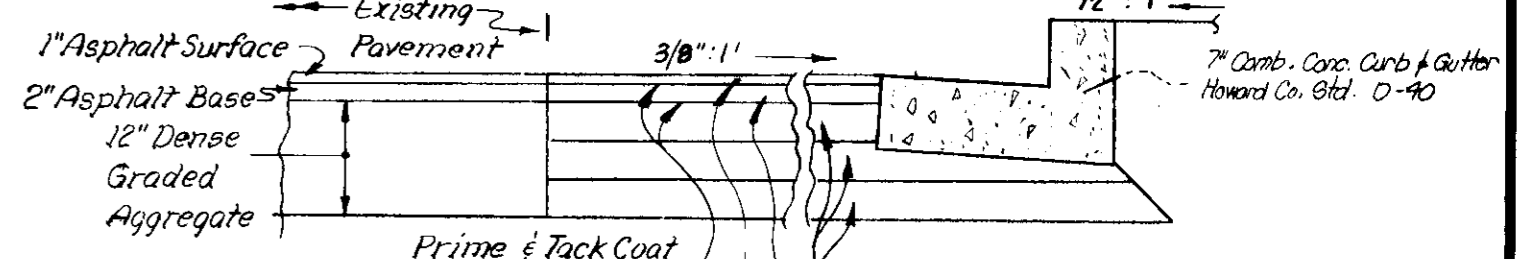
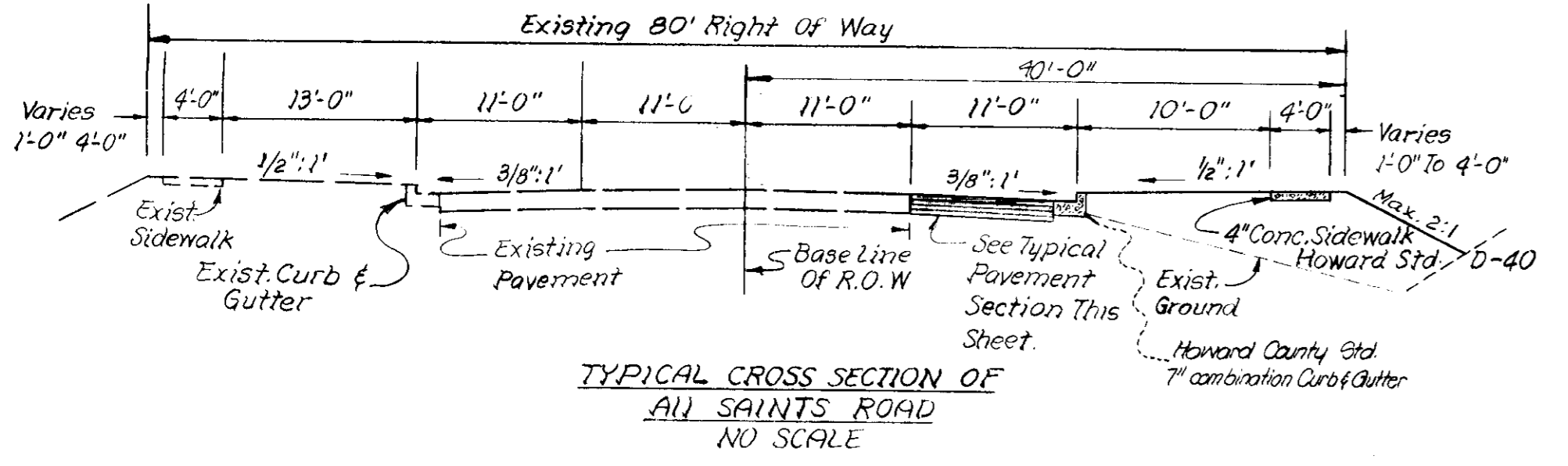
TYLER GARDENS

SECTION ONE
 R.R. 2.5
 P. 58

GENERAL NOTES

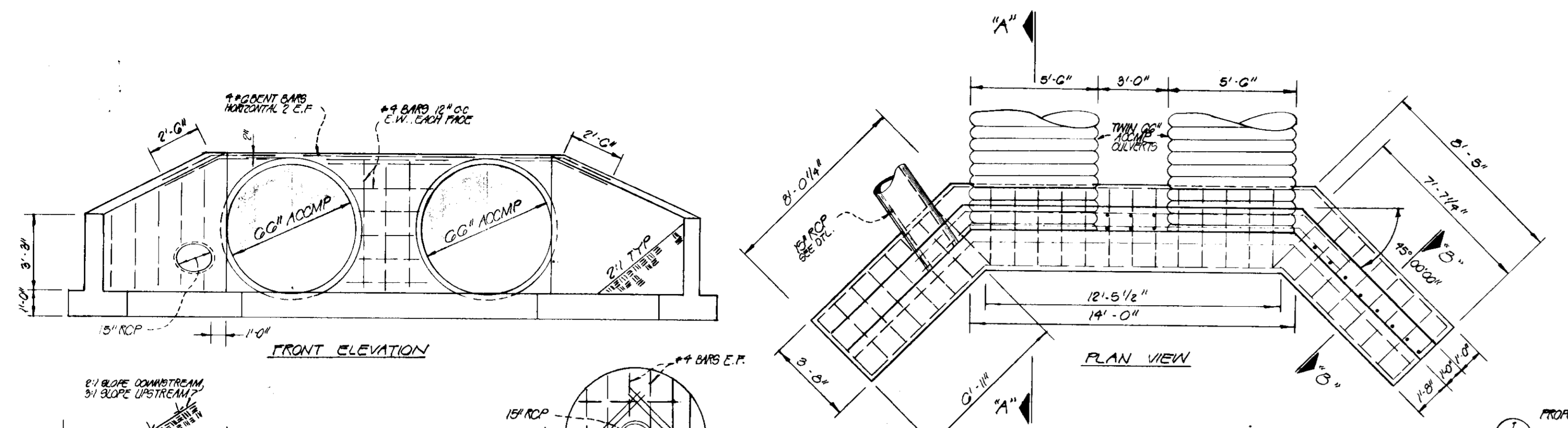
1. All Roads And Storm Drains Shall Be Constructed In Accordance With The Latest Edition Of The Howard County Road Construction Code And Standard Specifications
2. Information On Existing Utilities Was Obtained From The Best Available Records. The Contractor Must Determine The Exact Location And Elevation Of Existing Utilities At All Crossings By Digging Test Pits By Hand Well In Advance Of Trenching.
3. All Utility Companies Shall Be Notified, By Contractor, 48 Hours In Advance Of Construction.
4. Contractor Shall Notify The Howard County Dept. Of Public Works At Least 48 Hours Prior To Starting Construction Along All Saints Road.
5. Coordinates Are Based On The Maryland State Plane Coordinate System. Elevations Shown Are Based On The U.S. Coast & Geodetic Survey Mean Sea Level Datum Of 1929.
7. All On Site Roads & Parking Areas Are Private, For Details See Sheets 1 & 2 Of 12.
8. All Rip-Rap Or Shown Shall Be Howard Co. Std.
9. All down spout pickups to be 1" unless otherwise indicated.
10. All down spout pickup pipes to be PVC schedule 150.

Parcel 1-A
 Robert R. Moxley Property
 Plat Book 23 Plat No. 89

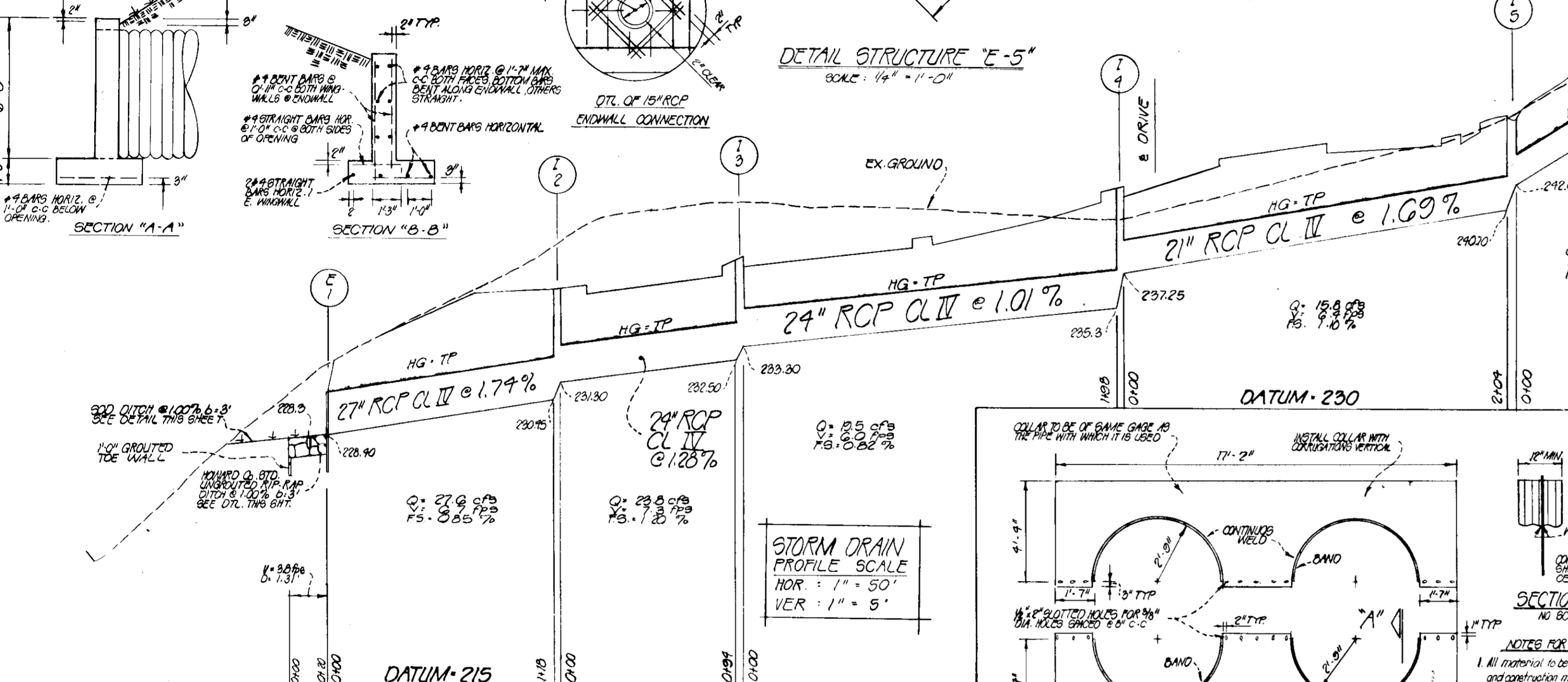
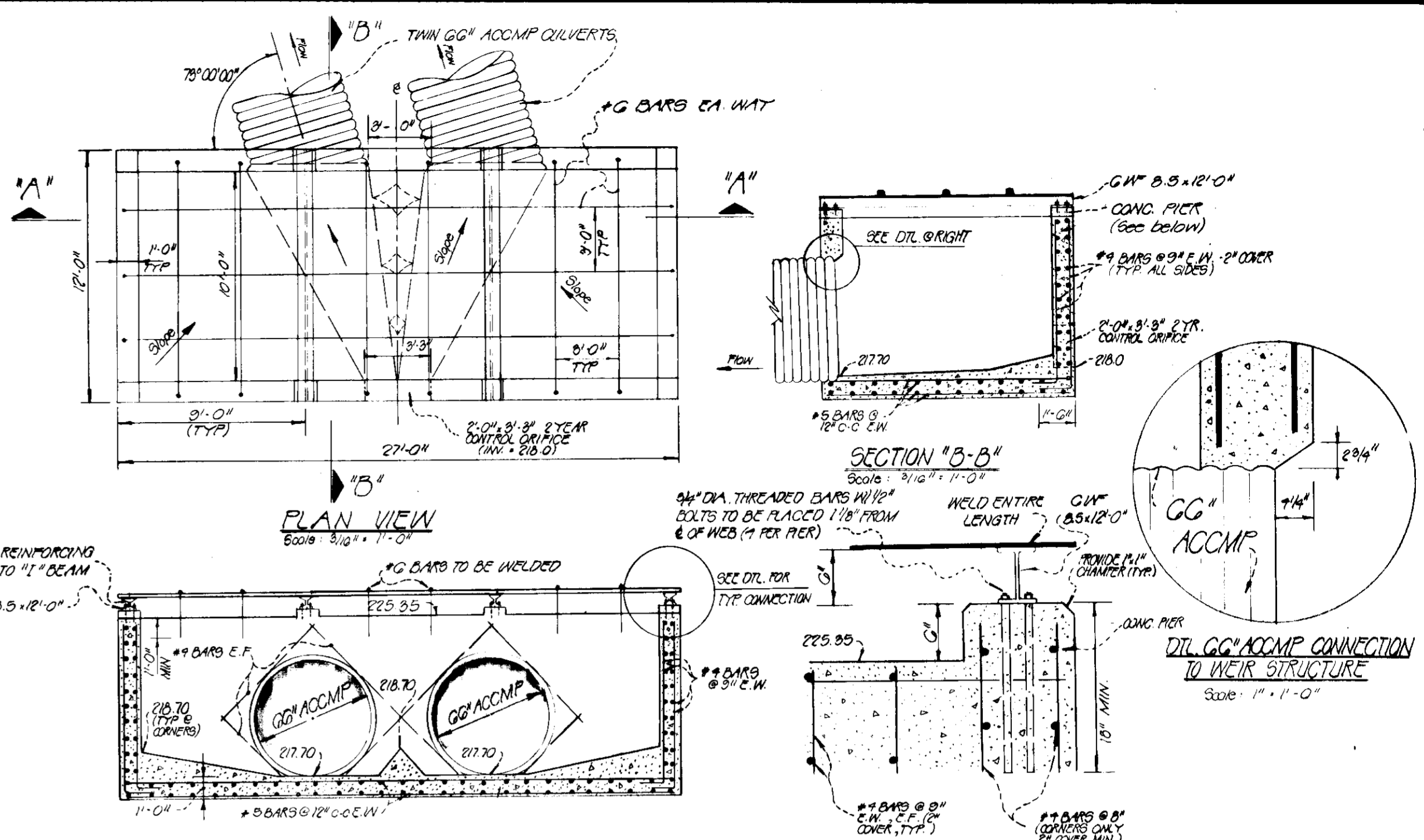


APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 7-5-78
 JMM

APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING	APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	JOHNSON - McCORDIC - THOMPSON, P.A. ENGINEERS PLANNERS SURVEYORS 1620 ELTON ROAD SILVER SPRING, MD. 434-7000 20803	OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP 1720 WISCONSIN AVE., N.W. WASHINGTON, D.C. 20007
Signature: [Signature] DATE: 10-9-78	Signature: [Signature] DATE: 10-10-78	Signature: [Signature] DATE: 10-5-78	Signature: [Signature] DATE: 10-5-78	DESIGN: JRC / PDB SHEET 7 OF 19
Signature: [Signature] DATE: 10-9-78	Signature: [Signature] DATE: 10-10-78	Signature: [Signature] DATE: 10-5-78	Signature: [Signature] DATE: 10-5-78	DRAFT: MH DATE: NOV. 1977 JOB NO: 7-032-44.1
Signature: [Signature] DATE: 10-9-78	Signature: [Signature] DATE: 10-10-78	Signature: [Signature] DATE: 10-5-78	Signature: [Signature] DATE: 10-5-78	APPROVED: RDL SCALE: AS SHOWN FILE NO: 7-032-44.1-B

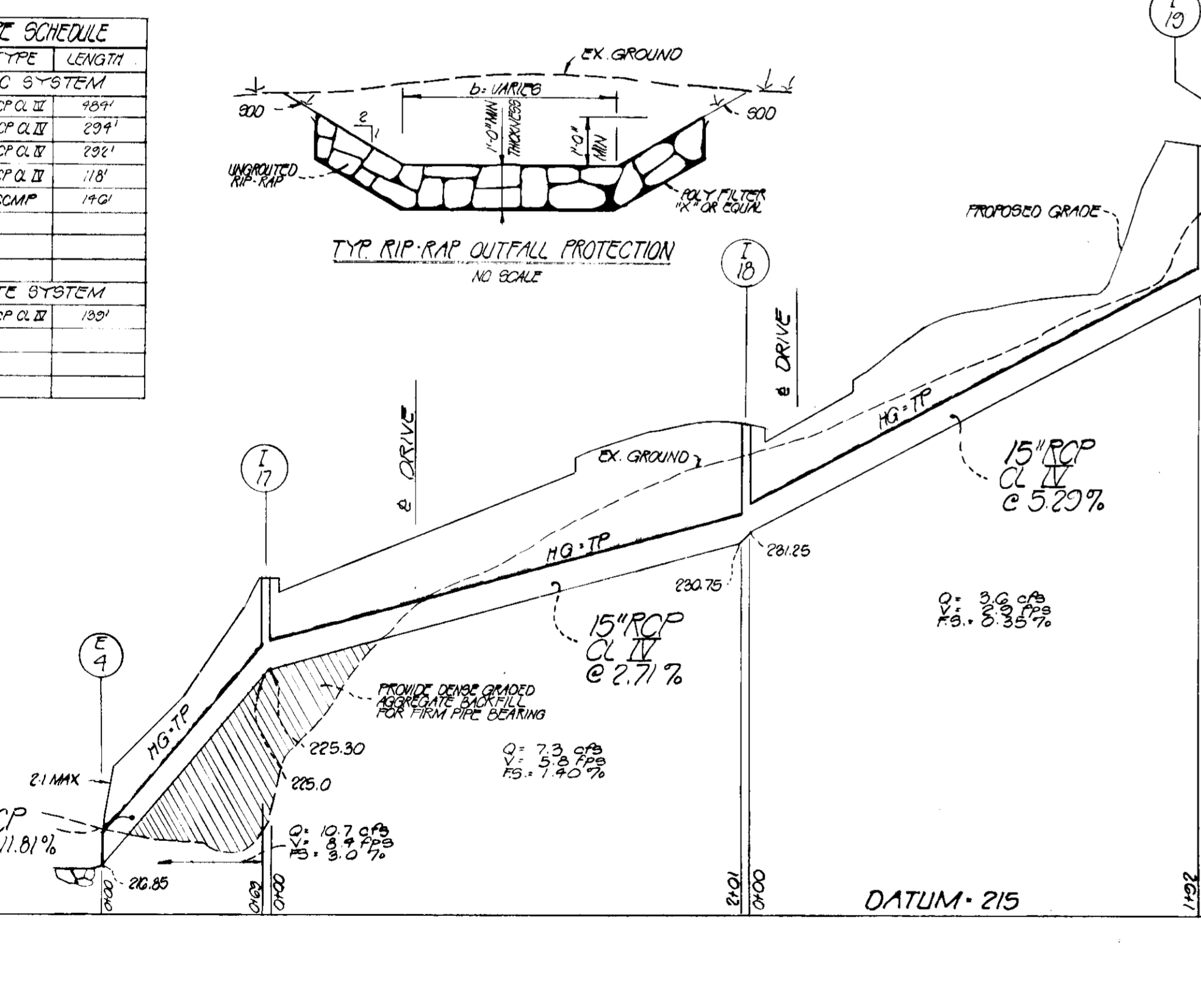
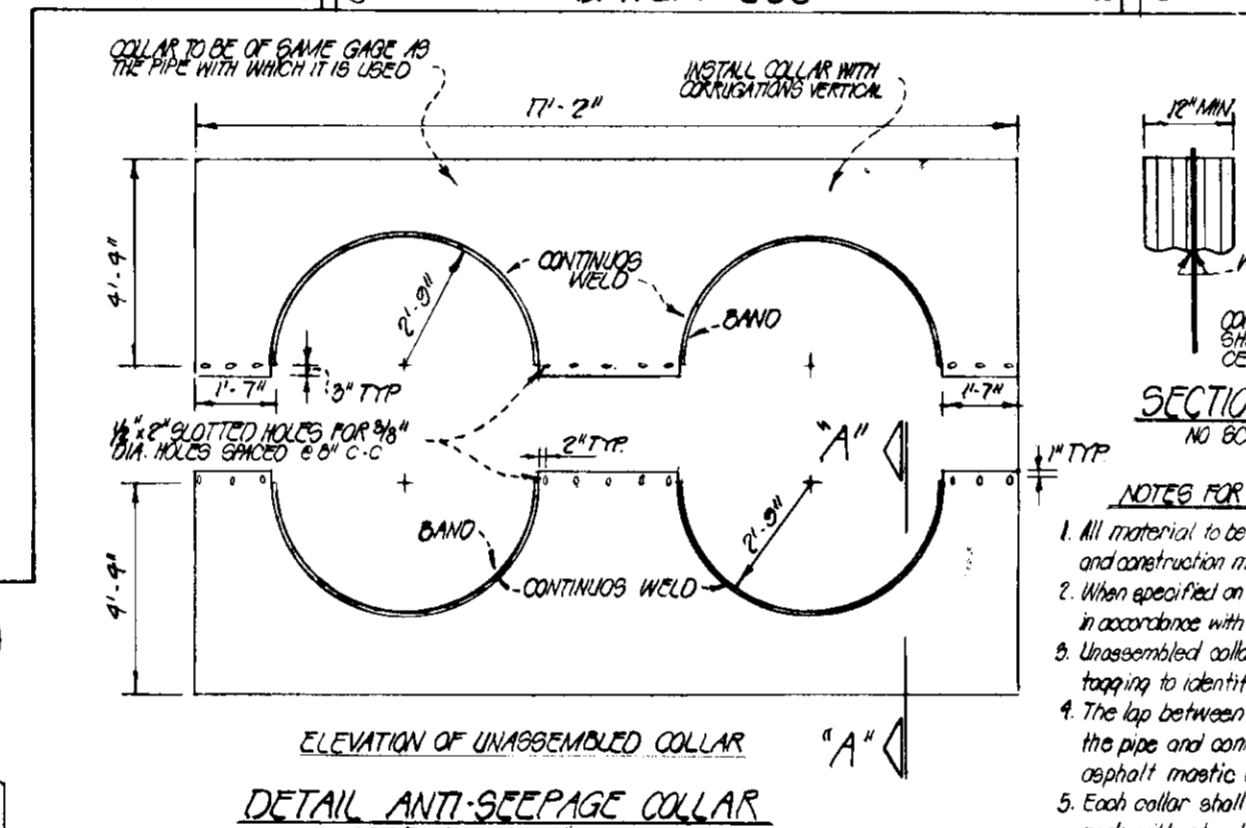


- NOTES:**
1. CONCRETE ALL EXPOSED SURFACES 1 1/2" TYP
 2. CONC. TO BE MD SHA MIX AFB
 3. FOR INFO NOT SHOWN SEE SHA STD. DTL NO. 358-01
 4. ALL DIMENSIONS SHOWN ARE INSIDE THE PIPE.

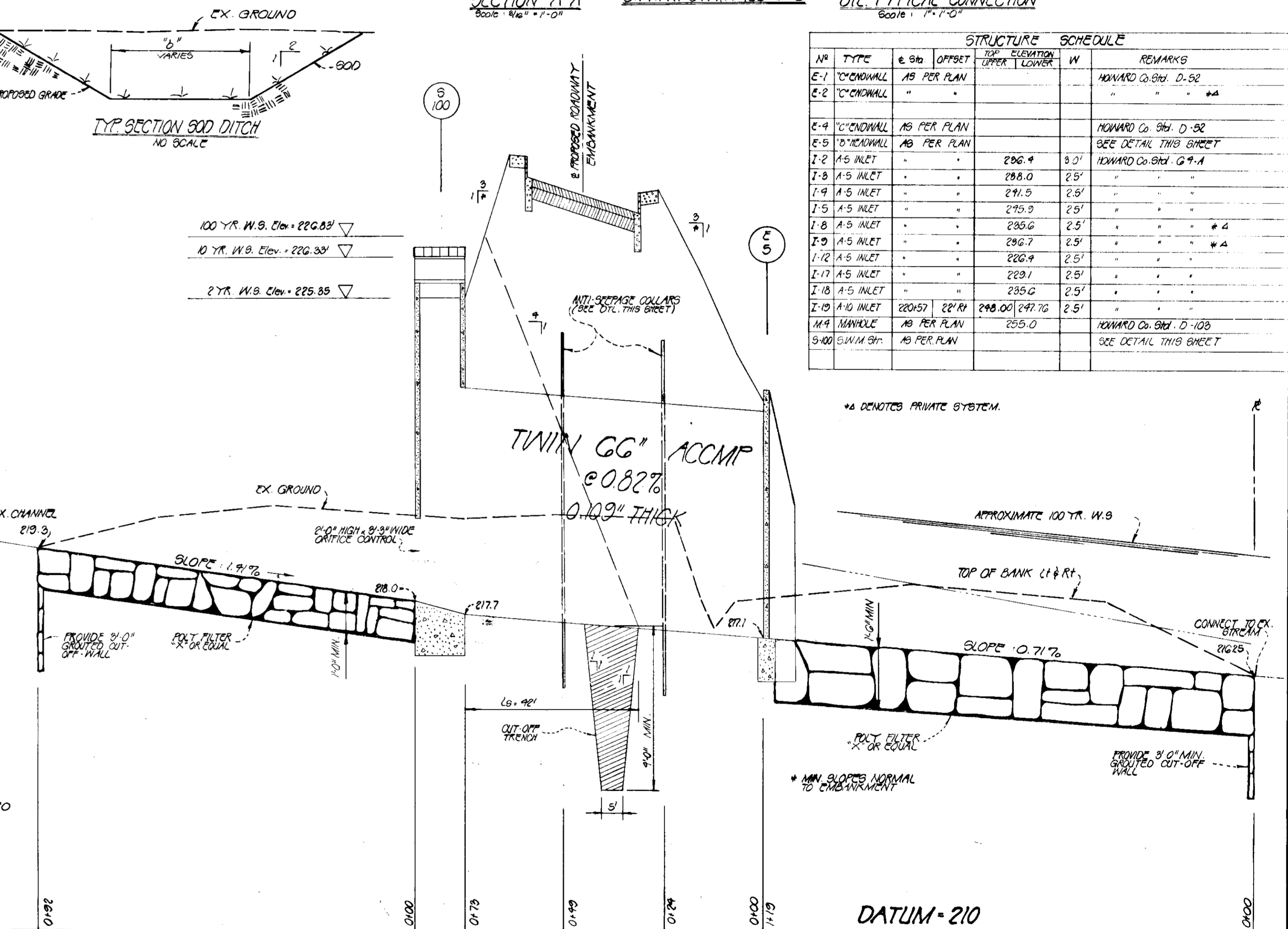


PIPE SCHEDULE

SIZE	TYPE	LENGTH
PUBLIC SYSTEM		
15"	RCP CL II	180'
24"	RCP CL IV	234'
24"	RCP CL IV	231'
27"	RCP CL III	118'
60"	ACCMP	140'
PRIVATE SYSTEM		
15"	RCP CL II	180'



- NOTES FOR COLLARS:**
1. All material to be in accordance with construction and construction material specifications.
 2. When specified on the plans, coating of collars shall be in accordance with construction material specifications.
 3. Unassembled collars shall be marked by painting or tagging to identify matching pairs.
 4. The gap between the two half sections and between the pipe and connecting band shall be caulked with asphalt mastic or fire of mastic.
 5. Each collar shall be firm with the pipe diameter with standard hook lugs for connecting collars to pipe.



STRUCTURE SCHEDULE

NO.	TYPE	E. OF	OFFSET	TOP ELEVATION	W	REMARKS
E-1	"CONCRETE	AS PER PLAN		UPPER		HOWARD Co. SHE. D-52
E-2	"CONCRETE	AS PER PLAN		LOWER		HOWARD Co. SHE. D-52
E-3	"CONCRETE	AS PER PLAN				SEE DETAIL THIS SHEET
E-4	"CONCRETE	AS PER PLAN				HOWARD Co. SHE. D-52
E-5	"CONCRETE	AS PER PLAN				SEE DETAIL THIS SHEET
E-6	"CONCRETE	AS PER PLAN				HOWARD Co. SHE. G-4
E-7	"CONCRETE	AS PER PLAN				
E-8	"CONCRETE	AS PER PLAN				
E-9	"CONCRETE	AS PER PLAN				
E-10	"CONCRETE	AS PER PLAN				
E-11	"CONCRETE	AS PER PLAN				
E-12	"CONCRETE	AS PER PLAN				
E-13	"CONCRETE	AS PER PLAN				
E-14	"CONCRETE	AS PER PLAN				
E-15	"CONCRETE	AS PER PLAN				
E-16	"CONCRETE	AS PER PLAN				
E-17	"CONCRETE	AS PER PLAN				
E-18	"CONCRETE	AS PER PLAN				
E-19	"CONCRETE	AS PER PLAN				
E-20	"CONCRETE	AS PER PLAN				
E-21	"CONCRETE	AS PER PLAN				
E-22	"CONCRETE	AS PER PLAN				
E-23	"CONCRETE	AS PER PLAN				
E-24	"CONCRETE	AS PER PLAN				
E-25	"CONCRETE	AS PER PLAN				
E-26	"CONCRETE	AS PER PLAN				
E-27	"CONCRETE	AS PER PLAN				
E-28	"CONCRETE	AS PER PLAN				
E-29	"CONCRETE	AS PER PLAN				
E-30	"CONCRETE	AS PER PLAN				

STORM WATER MANAGEMENT STRUCTURE PROFILE
SCALE: HORIZONTAL = 1" = 20'-0"
VERTICAL = 1" = 2'-0"

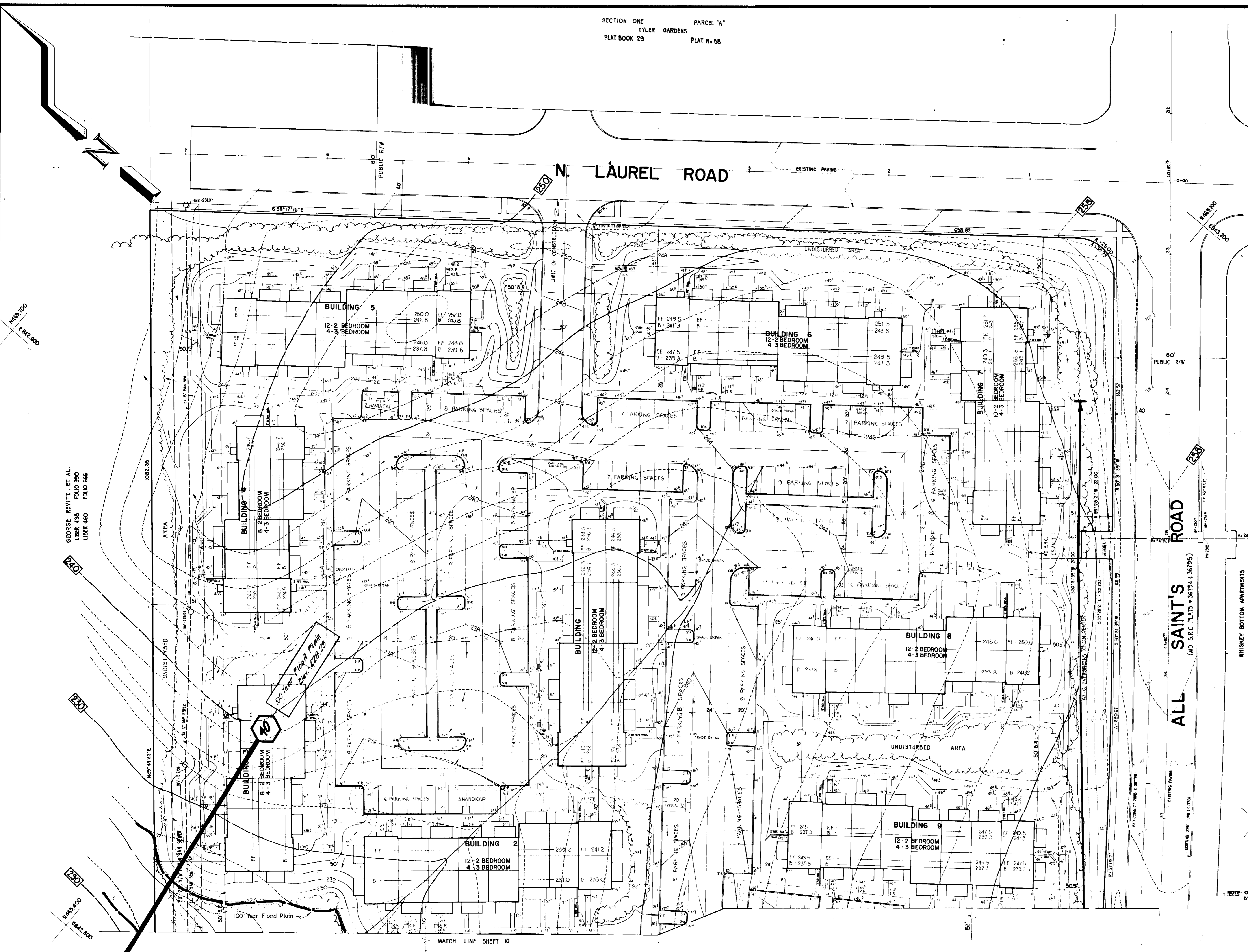
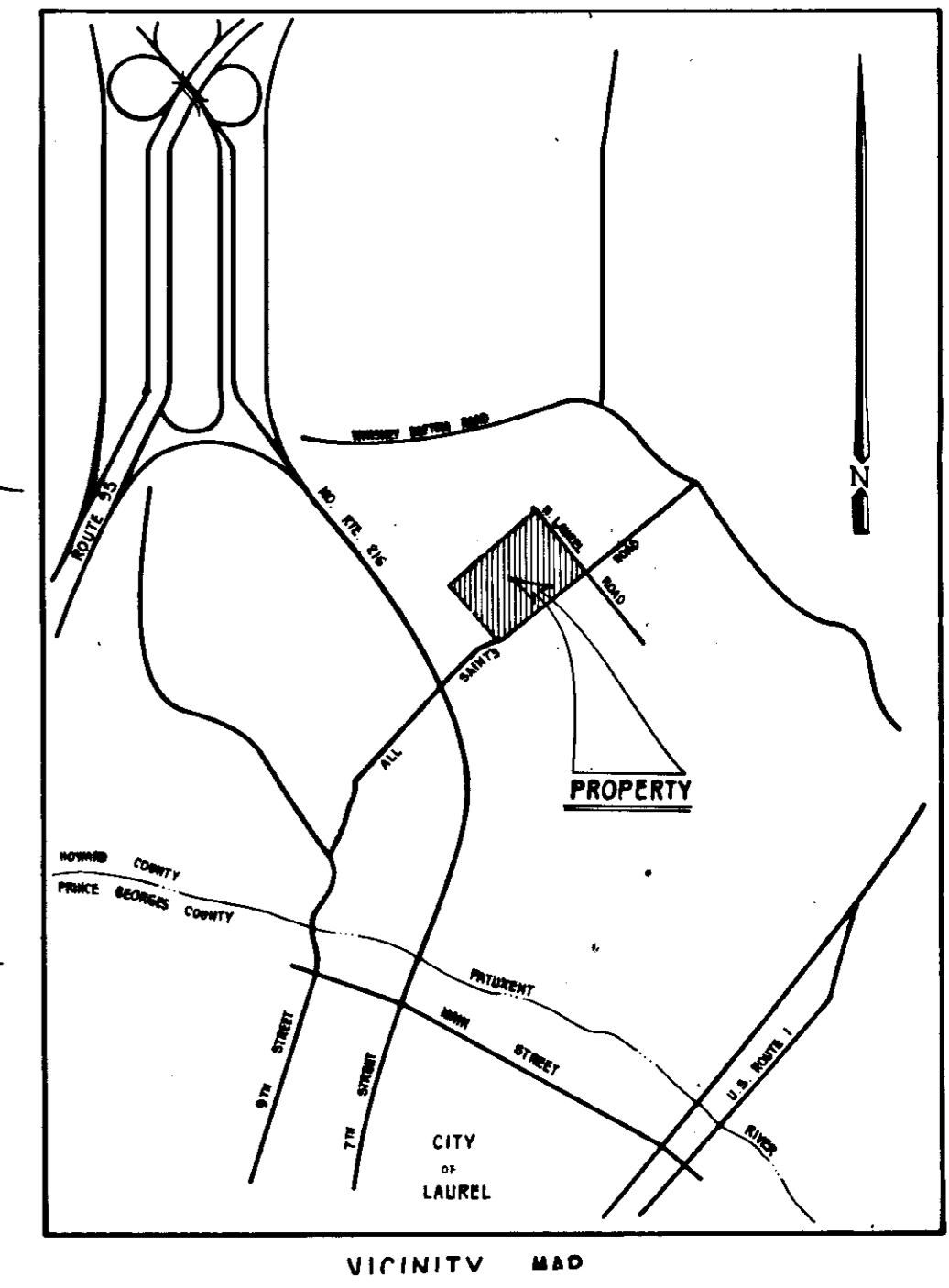
APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 7-5-78

Reviewed for **Howard** S.C.D.
and meets Technical Requirements
C. Johnson Date 8-2-78
U.S. Soil Conservation Service

Approved **Wes Epp** Date 8-2-78
Howard S.C.D.

<p>APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING</p> <p><i>Thomas A. Harris</i> PLANNING DIRECTOR</p> <p>DATE: 10-10-78</p>	<p>APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD Co. DEPARTMENT OF PUBLIC WORKS</p> <p><i>W. O. Lambert</i> CHIEF BUREAU OF ENGINEERING</p> <p><i>Richard E. Freudenberger</i> DIRECTOR</p> <p>DATE: 10-5-78</p>	<p>JOHNSON - McCORDIC - THOMPSON, P.A. ENGINEERS - PLANNERS - SURVEYORS 1620 ELTON ROAD SILVER SPRING, MD. 434-7000 20903</p>	<p>STORM DRAIN PROFILES & DETAILS WHISKEY BOTTOM WEST SIXTH ELECTION DISTRICT HOWARD COUNTY - MARYLAND</p>	<p>OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP 1720 WISCONSIN AVE. N.W. WASHINGTON, D.C. 20007</p> <p>DESIGN: <i>J. W. A. J.</i> SHEET 8 OF 19 DATE: NOV - 1977 JOB NO. 7-282-44.1 SCALE: AS SHOWN FILE NO. 7-282-44.1 B</p>
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SECTION ONE
TYLER GARDENS
PLAT BOOK 29
PARCEL 'A'
PLAT No 58



APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 7-5-78

APPROVED
FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS
AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

NO.	BY	DATE	REVISIONS

APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

Thomas H. Haring 10-10-78
HEALTH OFFICER

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

John W. Muffelman 10-10-78
PLANNING DIRECTOR

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Richard E. Brudenhagen 10/5/78
DIRECTOR

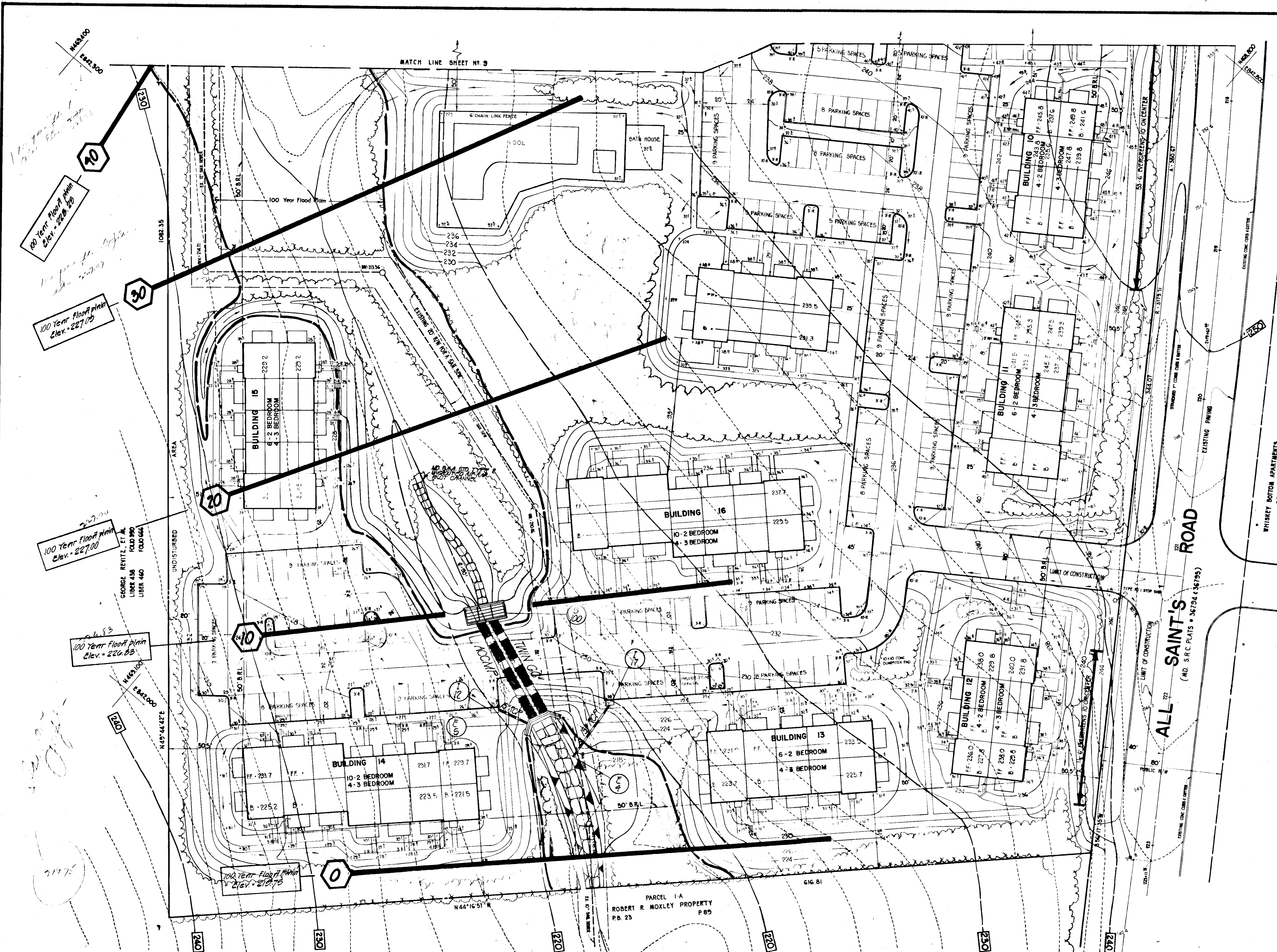
JOHNSON - McCORDIC - THOMPSON, P.A.
ENGINEERS PLANNERS SURVEYORS
1820 ELTON ROAD SILVER SPRING, MD.
434-7000 20803

STORM WATER MANAGEMENT PLAN
PART OF PARCEL 16B
WHISKEY BOTTOM WEST
TAX MAP 47
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

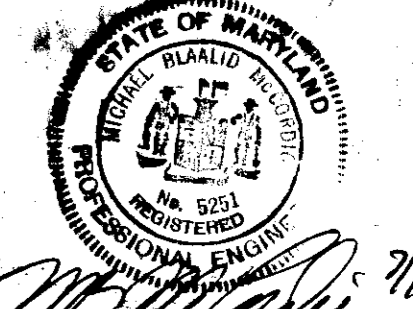
OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP
1720 WISCONSIN AVENUE, N.W.
WASHINGTON, D.C. 20007
PHONE: 338-7735

DESIGN: *TDHWAJ*
DRAWN: *MAN*
APPROVED: *KDL*

SHEET 9 OF 14
DATE: SEPT. 1977
SCALE: 1"=30'
JOB NO. T 02-24
FILE NO. T 02-24-B



APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 7-5-78
AMM



OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP
 1720 WISCONSIN AVENUE, N.W.
 WASHINGTON, D.C. 20007
 PHONE: 538-7735

1	CML	06-22-78	REVISED BLDG N°17
NO.	BY	DATE	REVISIONS

APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Joseph Boyles 10-9-78
 HEALTH OFFICER

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
John W. Munchman 10-10-78
 CHIEF OF LAND DEPT.
Thomas L. Harris 10-10-78
 PLANNING DIRECTOR

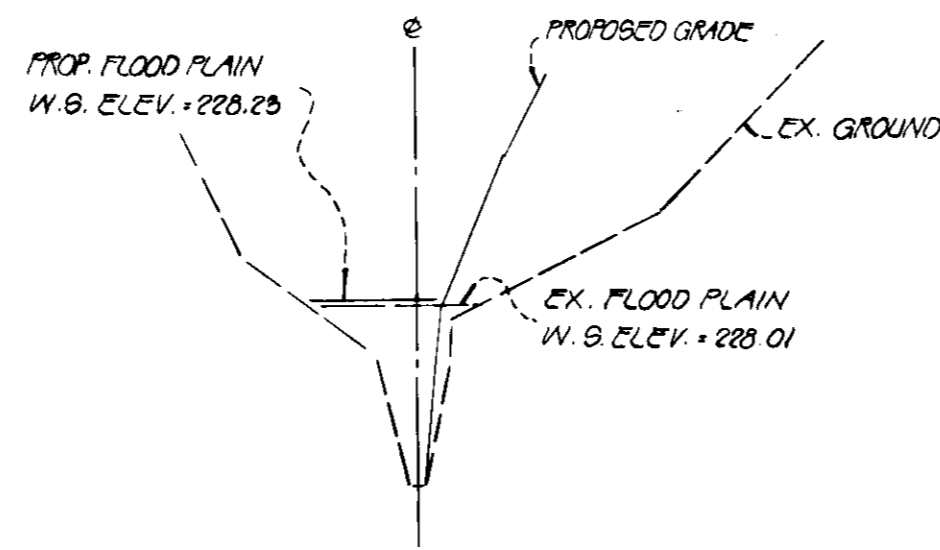
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
W. J. Libora 10-5-78
 CHIEF OF ENGINEERING
Richard E. Freudenberger 10/5/78
 DIRECTOR

JOHNSON - McCORDIC - THOMPSON, P.A.
 ENGINEERS PLANNERS SURVEYORS
 1820 ELTON ROAD
 SILVER SPRING, MD.
 434-7000

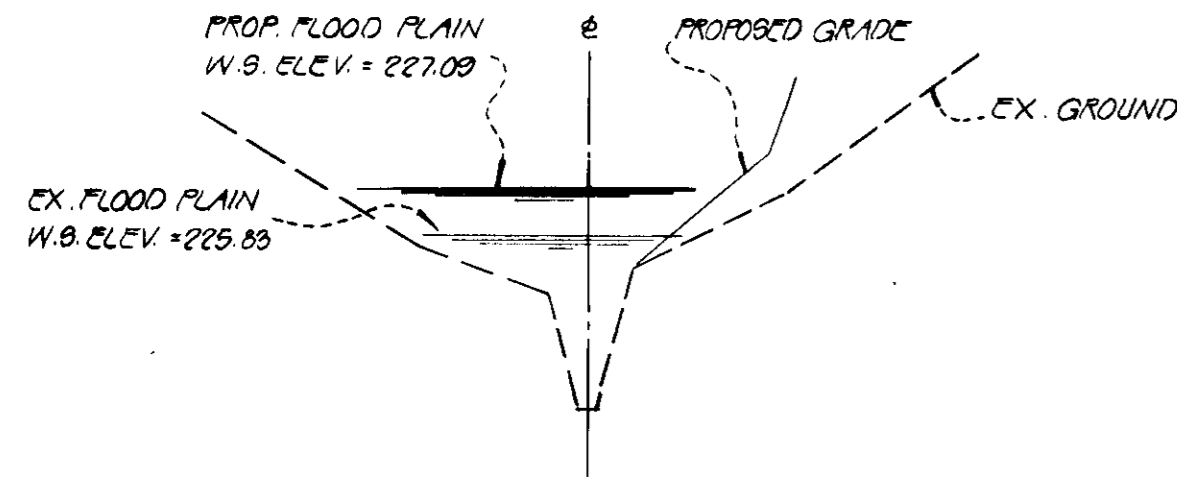
STORM WATER MANAGEMENT PLAN
 PART OF PARCEL 189
WHISKEY BOTTOM WEST
 TAX MAP 47
 SIXTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

DESIGN	FOR/MAJ	SHEET	10 OF 14
DRAFT	MAN	DATE	SEPT. 1977
APPROVED	RKL	SCALE	1" = 30'
		FILE NO.	T 032 24 B

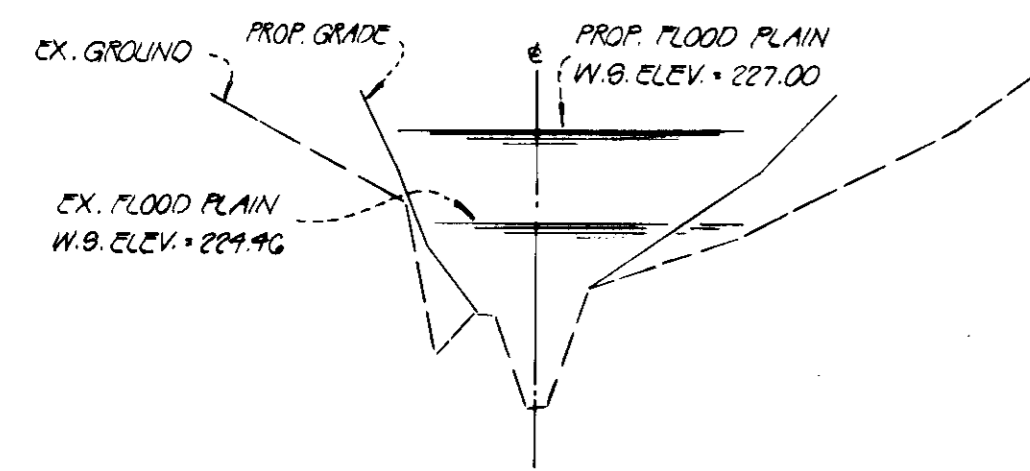
SDP-78-71



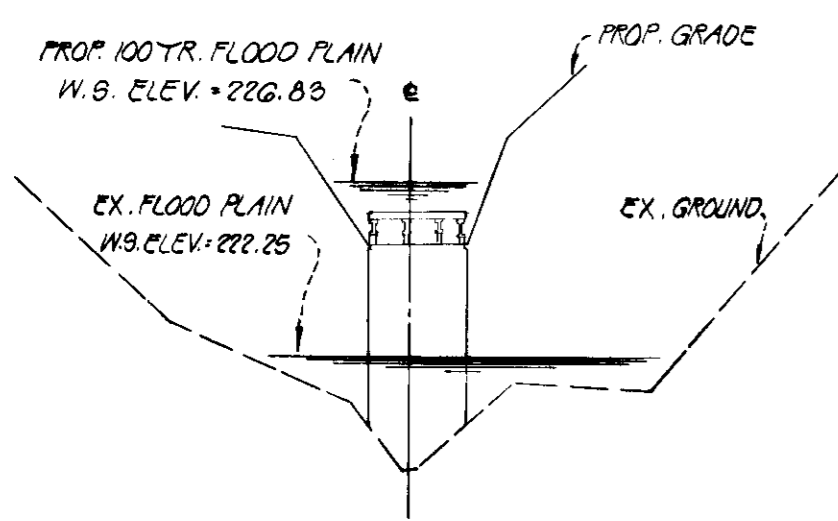
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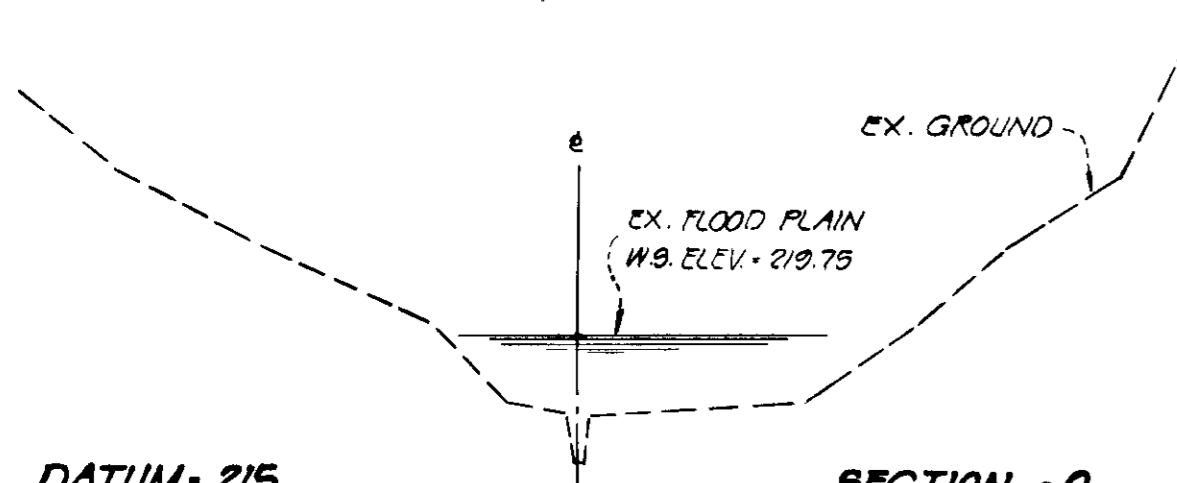
DATUM - 215 SECTION - 30



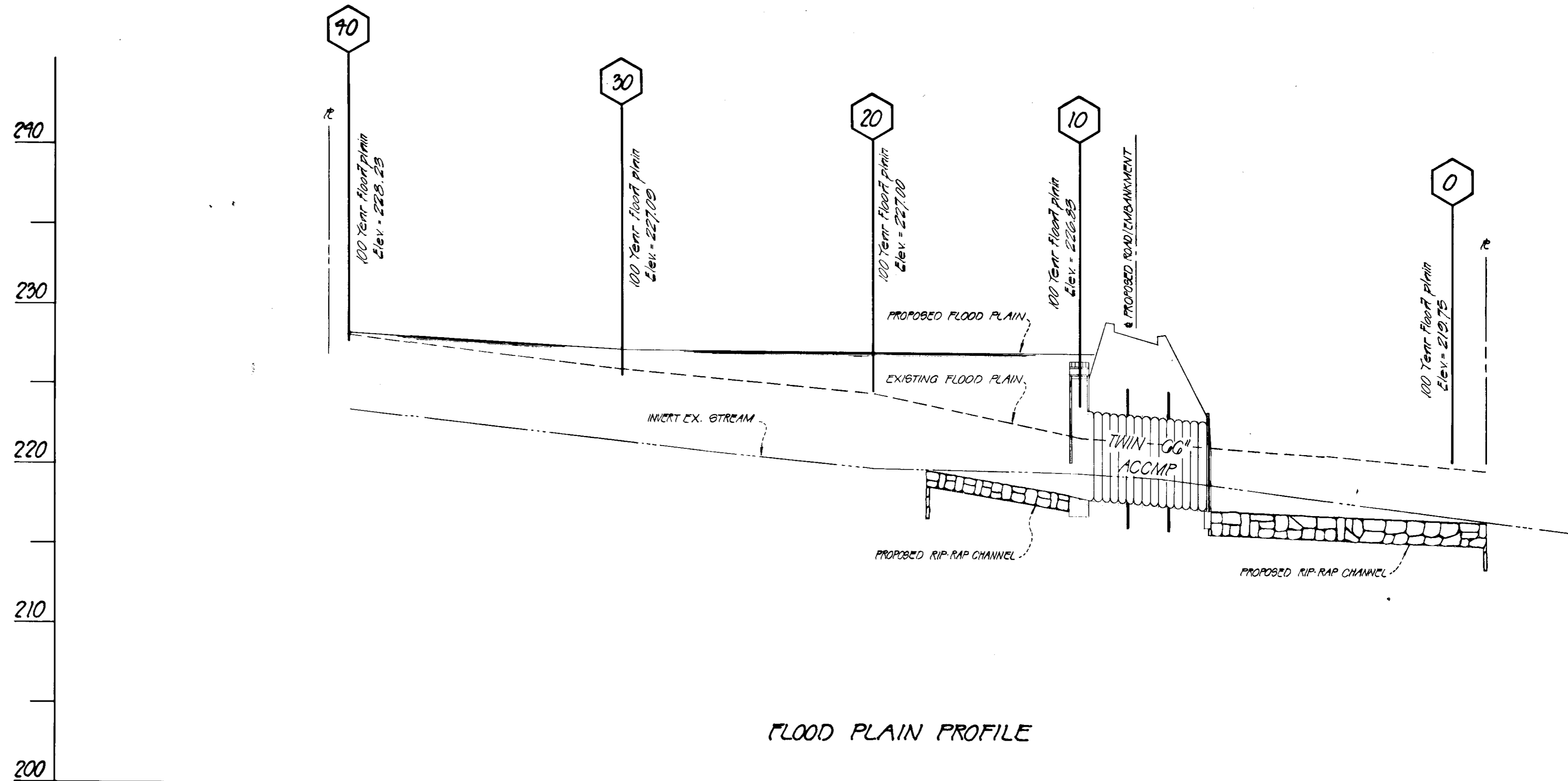
DATUM - 215 SECTION - 20



DATUM - 215 SECTION - 10



DATUM - 215 SECTION - 0



FLOOD PLAIN PROFILE

SECTIONS & PROFILE SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'



Richard E. Breidenhage 10/19/78

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 7-5-78
LM

NO.	BY	DATE	REVISIONS

APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
John W. Brylunas 10-9-78
COUNTY HEALTH OFFICER

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
John W. Myerhime 10-10-78
CHIEF OF LAND DEPT.
Ronald L. Haring 10-10-78
PLANNING DIRECTOR

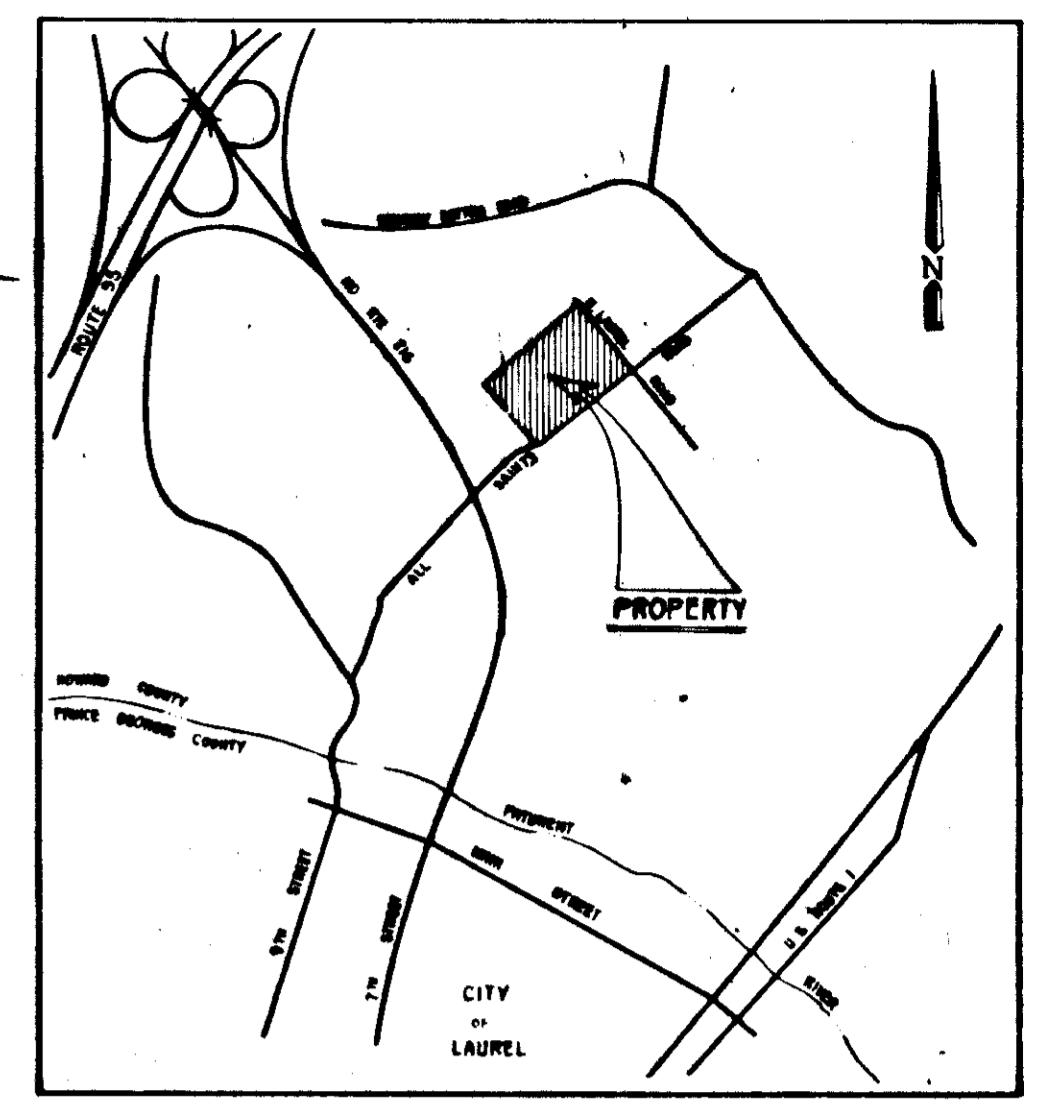
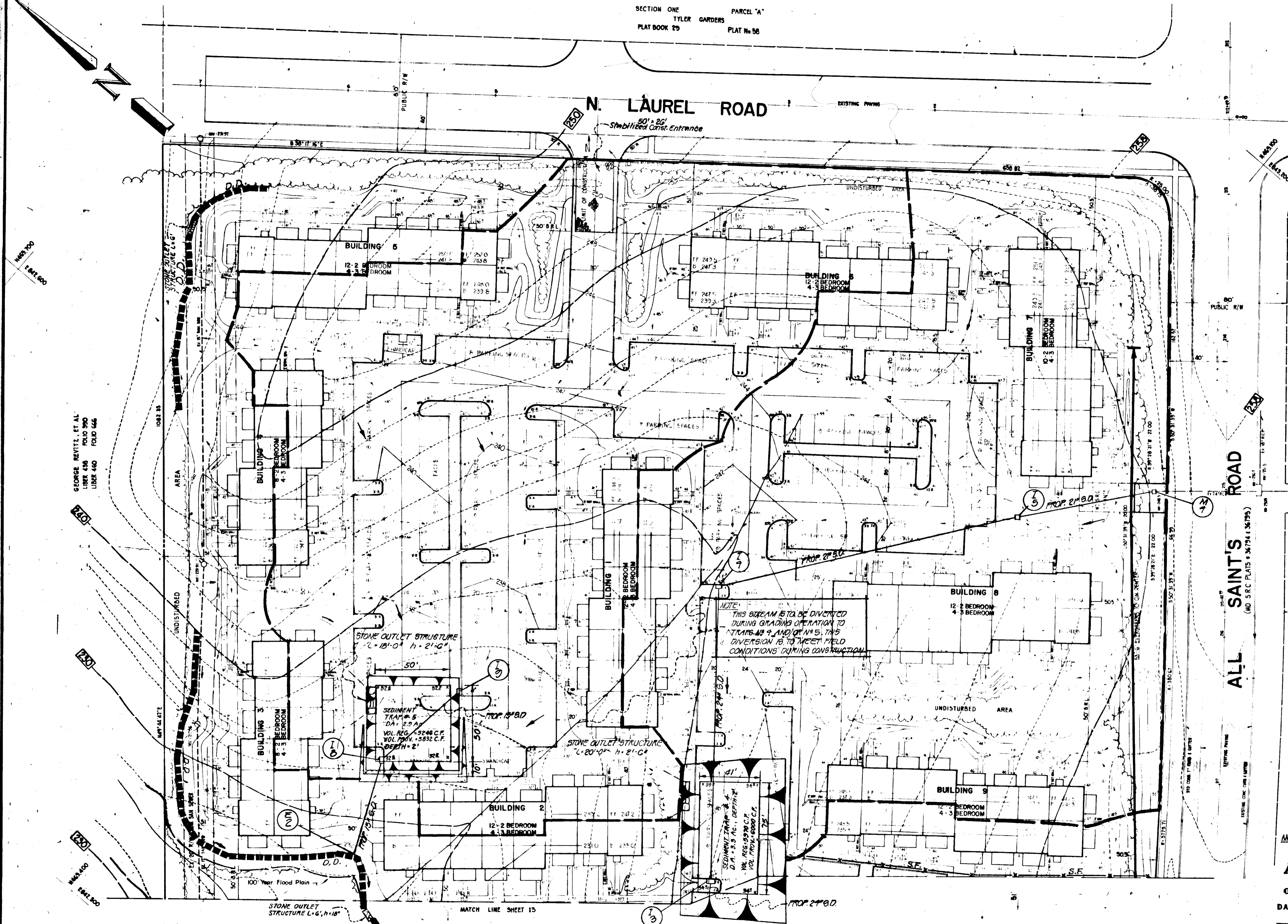
APPROVED FOR PUBLIC WATER SUPPLY, SEWERAGE, AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
W. O. Albert 10-5-78
CHIEF OF ENGINEERS
Richard E. Breidenhage 10/5/78
INSPECTOR

JOHNSON - McCORDIC - THOMPSON, P.A.
ENGINEERS • PLANNERS • SURVEYORS
1620 ELTON ROAD SILVER SPRING, MD.
434-7000 20803

FLOOD PLAIN STUDY & STORM WATER MANAGEMENT PLAN
WHISKEY BOTTOM WEST
SIXTH ELECTION DISTRICT
HOWARD COUNTY - MARYLAND

OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP 1780 WISCONSIN AVENUE N.W. WASHINGTON, D.C. 20007 PHONE: 955-7785
DESIGN: <i>NAJ</i> SHEET 11 OF 14
DRAFT: <i>MN</i> DATE: MAY-78 1978
APPROVED: <i>RDL</i> SCALE: AS SHOWN FILE NO: 7-082-24 B

SECTION ONE PARCEL "A"
TYLER GARDENS
FLAT BOOK 29 PLAT No. 56



LEGEND

- DIVERSION DIKE (D.D.) [Symbol]
- INTERCEPTOR DIKE (I.D.) [Symbol]
- DRAINAGE DITCH [Symbol]
- LIMIT OF DISTURBANCE [Symbol]
- PERIMETER DIKE (P.D.) [Symbol]
- SILT FENCE [Symbol]

REVIEW FOR: Howard S.C.D.
NAME AND MEETS TECHNICAL REQUIREMENTS

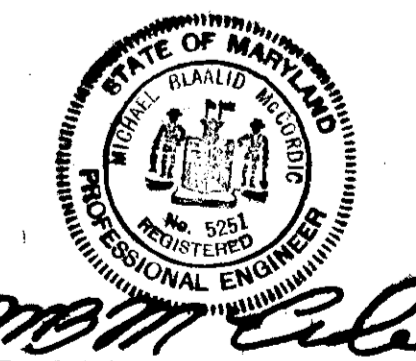
C. Howard Ray 8-2-78
SIGNATURE, U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED WES EARP 8-2-78
HOWARD S.C.D. DATE

NOTE: For General Notes see Sheet No. 14 of 14

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 7-5-78



1	CML	06-22-78	REVISED BLDG. NO. 17
NO.	BY	DATE	REVISIONS

APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

John W. M... 10-10-78
DATE

Thomas L. Ham... 10-11-78
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Richard E. Breidenbagen 10-5-78
DATE

Richard E. Breidenbagen 10/5/78
DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

WOLsted 10-5-78
DATE

Richard E. Breidenbagen 10/5/78
DATE

JOHNSON - McCORDIC - THOMPSON, P.A.
ENGINEERS PLANNERS SURVEYORS
1820 ELYTON ROAD SILVER SPRING, MD.
434-7000 20903

SEDIMENT CONTROL PLAN
PART OF PARCEL 186
WHISKEY BOTTOM WEST
TAX MAP 47
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

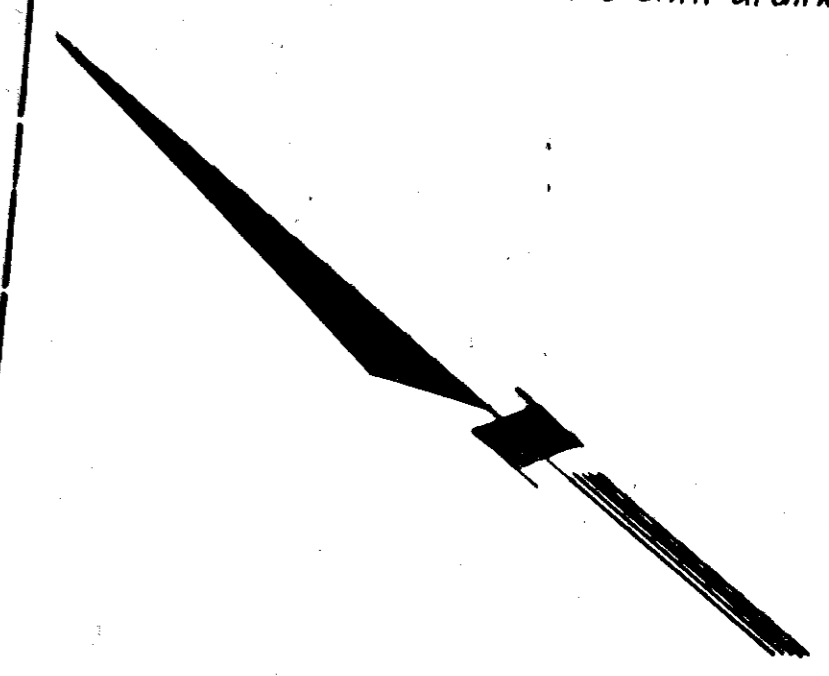
OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP
1720 WISCONSIN AVENUE, N.W.
WASHINGTON, D.C. 20007
PHONE: 538-1735

DESIGN: FBI SHEET 12 OF 14
DRAFT: AM DATE: SEPT 1977 JOB NO. T 032-25
APPROVED: RDL SCALE: 1" = 30' FILE NO. T 032-25 B

SDP-78-71

GENERAL NOTES

- Contractor may use Straw Bale Dikes in lieu of silt fencing where shown on plan.
- Contractor shall use extreme care when constructing Sediment Control Devices so as not to damage existing trees unnecessarily.
- Contractor shall protect all S.D. Inlets with straw Bales until drainage area is stabilized.



SEDIMENT TRAP # 0
 DA = 2.7 AC.
 VOL. REQ. = 1200 C.F.
 VOL. PROVIDED = 1270 C.F.
 DEPTH = 1.5

WHISKEY BOTTOM APARTMENTS
 SECTION ONE
 PLAT No. 8
 PLAT No. 22

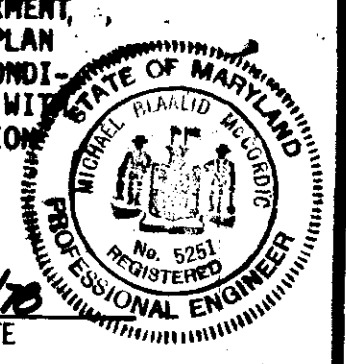
NOTE: For Legend See Sheet No. 12 of 14

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.

William A. Sunday 7/6/78
 SIGNATURE OF DEVELOPER DATE

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENT OF THE HOWARD SOIL CONSERVATION DISTRICT.

Michael B. McCordic 7/10/78
 SIGNATURE OF U.S. SOIL CONSERVATION SERVICE P.E.# DATE



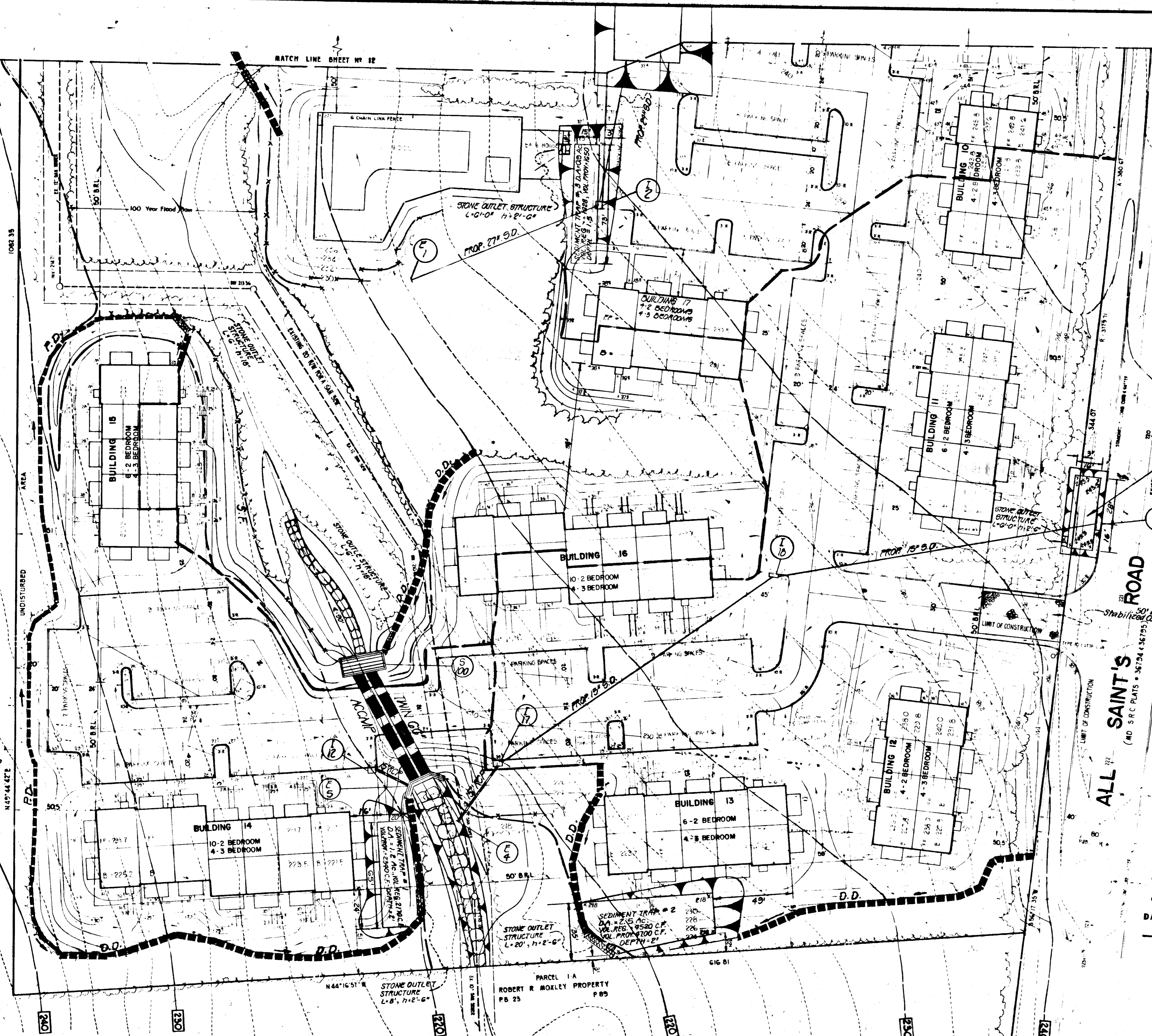
APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 7-5-78

REVIEW FOR *Howard* NAME S.C.D.
 AND MEETS TECHNICAL REQUIREMENTS.

C. Wayne Ray 8-2-78
 SIGNATURE OF U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED *Howard* 8-2-78 HOWARD S.C.D. DATE



APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Jayne Bryner 10-9-78
 HEALTH OFFICER DATE

John W. Muehlen 10-10-78
 CHIEF OF DIVISION OF LAND DEVEL. DATE

Thomas L. Harris 10-10-78
 PLANNING DIRECTOR DATE

W.O. Libal 10-5-78
 CHIEF OF ENGINEERS DATE

Richard E. Gruenbeiger 10/5/78
 DATE

JOHNSON - McCORDIC - THOMPSON, P.A.
 ENGINEERS PLANNERS SURVEYORS
 1820 ELTON ROAD SILVER SPRING, MD.
 434-7000 20803

SEDIMENT CONTROL PLAN
 PART OF PARCEL 166
WHISKEY BOTTOM WEST
 TAX MAP 47
 SIXTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP
 1720 WISCONSIN AVENUE, N.W.
 WASHINGTON, D.C. 20007
 PHONE: 538-7735

DESIGN: *FDJ* SHEET 13 OF 14
 DRAFT: *M.H.F.M.N.* DATE: SEPT 1977 JOB NO: 052-28
 APPROVED: *RDL* SCALE: 1" = 30' FILE NO: T 032-23B

SEDIMENT CONTROL NOTES

- OBTAIN AND FOLLOW THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" DATED JULY, 1975, (HEREINAFTER REFERRED TO AS "STANDARDS AND SPECIFICATIONS"), FROM THE HOWARD SOIL CONSERVATION DISTRICT (H.S.C.D.), 9025 CHEVROLET DRIVE, ELLICOTT CITY, MARYLAND 21043, PHONE: 301/465-3180.
- ALL SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THESE APPROVED PLANS AND THE CRITERIA AND SPECIFICATIONS ADOPTED BY THE HOWARD SOIL CONSERVATION DISTRICT.
- SEDIMENT CONTROL MEASURES MAY REQUIRE MINOR FIELD ADJUSTMENTS AT THE TIME OF CONSTRUCTION TO ENSURE THAT THEIR INTENDED PURPOSE IS ACCOMPLISHED. H.S.C.D. APPROVAL WILL BE REQUIRED FOR ANY OTHER DEVIATION FROM THE APPROVED PLAN.
- NOTIFY THE HOWARD COUNTY BUREAU OF INSPECTIONS AND PERMITS PRIOR TO STARTING WORK, AND BEFORE REMOVING TEMPORARY SEDIMENT CONTROL MEASURES.
- SHOULD THE CONTRACTOR BE UNABLE TO MEET THE ACCOMPANYING CONSTRUCTION SCHEDULE, HE SHALL PROVIDE THE BUREAU OF INSPECTIONS AND PERMITS WITH A REVISED SCHEDULE.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHOWN OR SPECIFIED HEREON SHALL BE CONSTRUCTED AND OPERATIONAL PRIOR TO THE COMMENCEMENT OF SITE GRADING.
- FILL MATERIAL USED IN COMPACTED EARTH STRUCTURES SHALL BE OBTAINED FROM APPROVED BORROW AREAS AND MUST BE FREE OF ROOTS, VEGETATION, FROZEN MATERIAL, ROCKS OVER 6 INCHES IN DIAMETER, AND OTHER DELETERIOUS MATERIAL.
- THE THROATS OF ALL STORM DRAIN INLETS SHALL BE PROTECTED FROM SEDIMENT LADENED RUNOFF THROUGH THE USE OF SANDBAGS, GRAVEL, BOARDS, OR OTHER APPROVED METHODS.
- SEDIMENT TRAPS SHALL BE RESTORED TO THEIR ORIGINAL DESIGN VOLUME WHEN SILT ACCUMULATES TO THE SPECIFIED CLEAN OUT ELEVATION. CLEAN OUT ELEVATIONS WILL BE MARKED IN THE FIELD WITH YELLOW PAINT SO AS TO BE EASILY IDENTIFIABLE.
- THE CONTRACTOR SHALL NOT INSTALL SIDEWALK, PAVEMENT OR CURB AND GUTTER UNTIL ALL UPHILL AREAS HAVE BEEN STABILIZED.
- ALL POINTS OF EGRESS SHALL BE STABILIZED BY THE CONSTRUCTION OF STABILIZED CONSTRUCTION ENTRANCES (S.C.E.). SAID DEVICES SHALL BE MAINTAINED SO AS TO PREVENT THE TRACKING OF MUD OR SILT ON TO PUBLIC ROADS.
- AFTER CLEARING, TEMPORARILY STABILIZE ANY DISTURBED AREA THAT IS TO BE EXPOSED FOR MORE THAN 30 DAYS (BUT LESS THAN 60 DAYS) AS FOLLOWS:
 - APPLY SMALL GRAIN STRAW MULCH AT A UNIFORM RATE OF 1-1/2 TO 2 TONS PER ACRE.
 - ANCHOR MULCH IMMEDIATELY AFTER PLACEMENT BY SPRAYING WITH A LIQUID BINDER OF EITHER CUT-BACK OR EMULSIFIED ASPHALT AT A RATE OF 200 GAL./ACRE.
- SEDIMENT TRAPS, TEMPORARY DIVERSION DIKES, SNALES AND AREAS THAT ARE TO REMAIN DISTURBED FOR MORE THAN TWO MONTHS BUT LESS THAN ONE YEAR, SHALL BE STABILIZED IMMEDIATELY AFTER CONSTRUCTION BY TEMPORARY SEEDING AS FOLLOWS:
 - SEED WITH ONE OF THE FOLLOWING:
 - BARLEY @ 2.8 LBS/1,000 SQUARE FEET
 - OATS @ 2.2 LBS/1,000 SQUARE FEET
 - RYE @ 3.2 LBS/1,000 SQUARE FEET
 - APPLY STRAW MULCH AT A UNIFORM RATE OF 1.5 TO 2 TONS/ACRE.
 - ANCHOR MULCH WITH EITHER CUT-BACK OR EMULSIFIED ASPHALT AT 200 GAL./ACRE. APPLICATION SHOULD BE HEAVIER IN VALLEYS, ALONG EDGES AND AT THE CREST OF BANKS.
- ALL SLOPES 3:1 OR GREATER AND ALL PERMANENT DRAINAGE DITCHES SHALL BE STABILIZED AS SOON AS POSSIBLE EITHER BY PERMANENT SEEDING OR SODDING AS FOLLOWS.

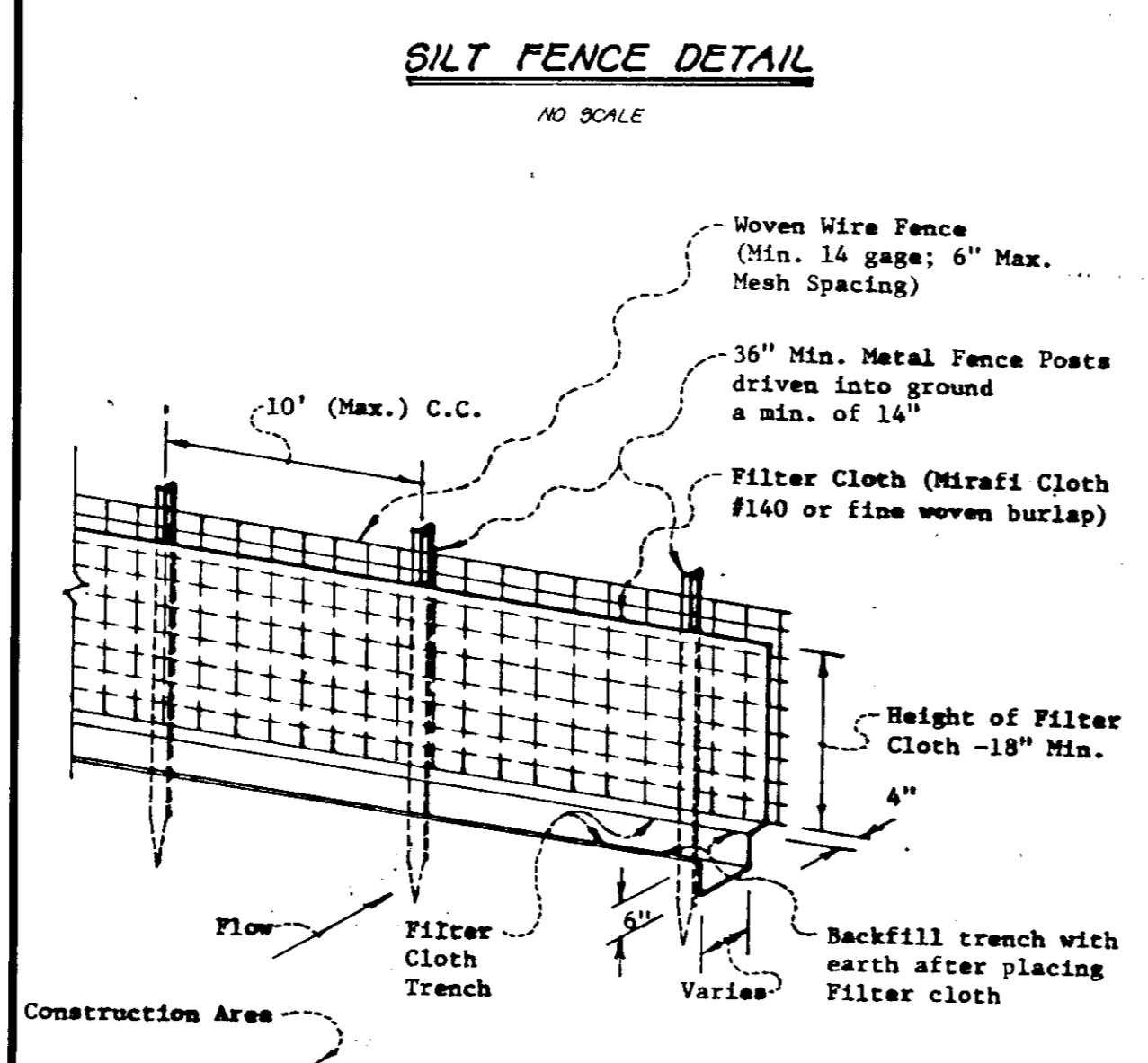
PERMANENT SEEDING

 - SCARIFY SURFACE TO A DEPTH OF 3 INCHES.
 - COVER WITH TOPSOIL TO A MINIMUM DEPTH OF 2 INCHES.
 - APPLY LIMESTONE AND FERTILIZER IN ACCORDANCE WITH NOTE 18.
 - SEED WITH A MIXTURE OF 15 POUNDS "CROWNVEATCH" (INOCULATED) PLUS 40 POUNDS "KENTUCKY 31" TALL FESCUE PER ACRE.
 - APPLY STRAW MULCH UNIFORMLY AT A RATE OF 1-1/2 TO 2 TONS PER ACRE.
 - ANCHOR MULCH IMMEDIATELY AFTER PLACEMENT WITH EITHER CUT-BACK OR EMULSIFIED ASPHALT. APPLY AT A MINIMUM RATE OF 200 GAL./ACRE. APPLICATION SHOULD BE HEAVIER IN VALLEYS, AT THE CREST OF BANKS AND ALONG EDGES.

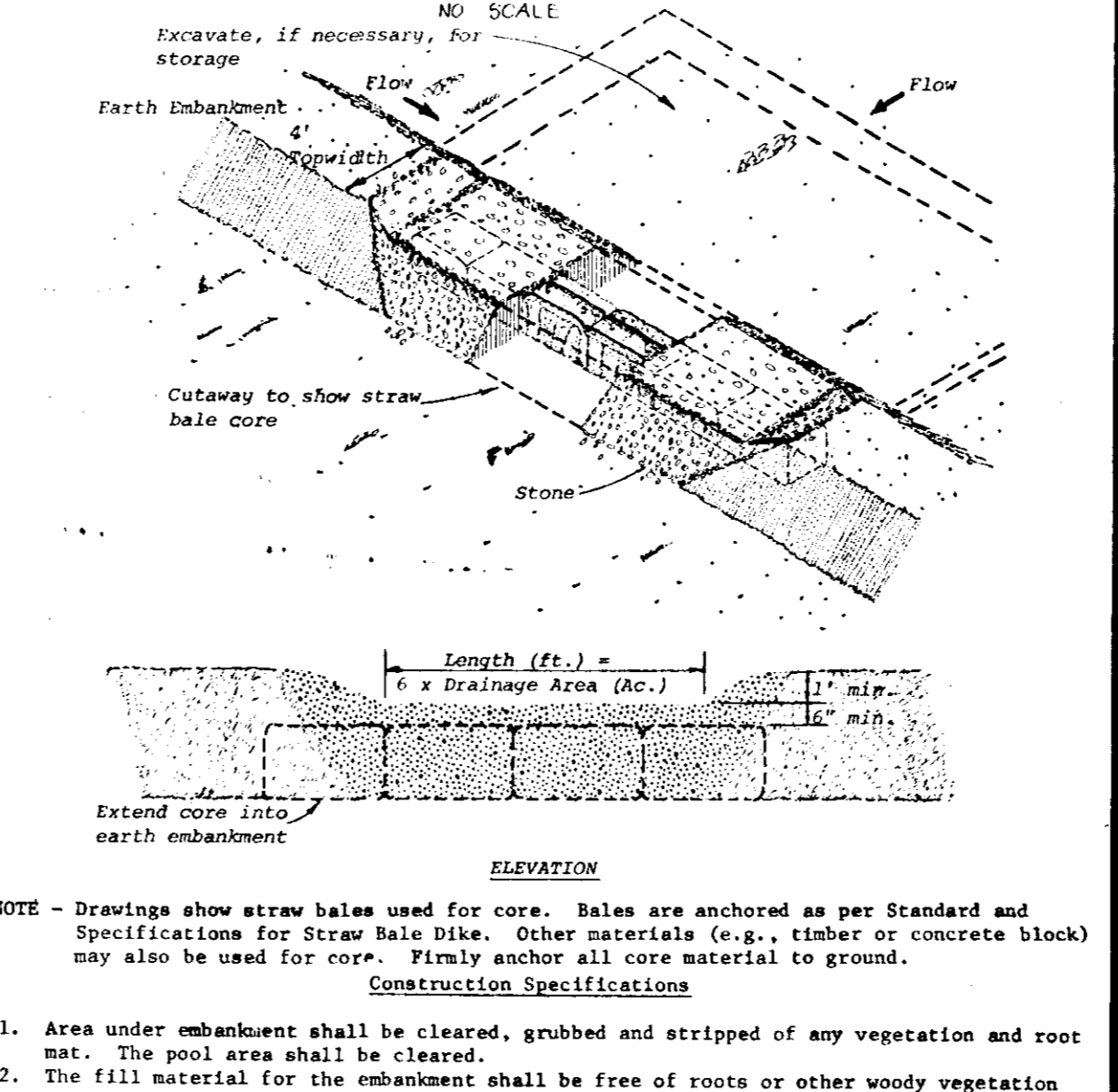
SODDING

 - CLASS OF SOD SHALL BE MARYLAND STATE APPROVED OR CERTIFIED.
 - SOD SHALL BE MACHINE CUT TO A UNIFORM MINIMUM THICKNESS OF 3/4 INCH (EXCLUDING TOP GROWTH AND THATCH). SOD MUST BE INSTALLED WITHIN 36 HOURS OF HARVESTING OR BE SUBJECT TO INSPECTION AND APPROVAL BY H.S.C.D.
 - SOD SHALL BE LAID TO A TIGHT FIT AND ROLLED TO INSURE FIRM CONTACT WITH UNDERLYING SOILS.
 - WATER SOD AS NECESSARY FOR THE FIRST TWO WEEKS TO INSURE PROPER ESTABLISHMENT.
- DISTURBED AREAS FOR WHICH NO CONSTRUCTION IS PLANNED WITHIN 12 MONTHS SHALL BE STABILIZED IN ACCORDANCE WITH NOTE 14.
- ALL DISTURBED AREAS SHALL BE STABILIZED, UPON COMPLETION OF FINE GRADING, IN ACCORDANCE WITH NOTE 14.
- IF STABILIZATION OF DISTURBED AREAS IS TO BE ACCOMPLISHED DURING THE MONTHS OF DECEMBER, JANUARY, OR FEBRUARY, THE STABILIZATION SHALL CONSIST OF MULCHING IN ACCORDANCE WITH NOTE 12 ABOVE. SEEDING AND MULCHING SHALL THEN BE DONE AS SOON AS THE SEASON PERMITS.
- PRIOR TO SEEDING OR SODDING, THE FOLLOWING AMOUNTS OF FERTILIZER (10-10-10) AND GROUND AGRICULTURAL LIMESTONE WILL BE INCORPORATED INTO THE SUBSOIL BY DISKING:

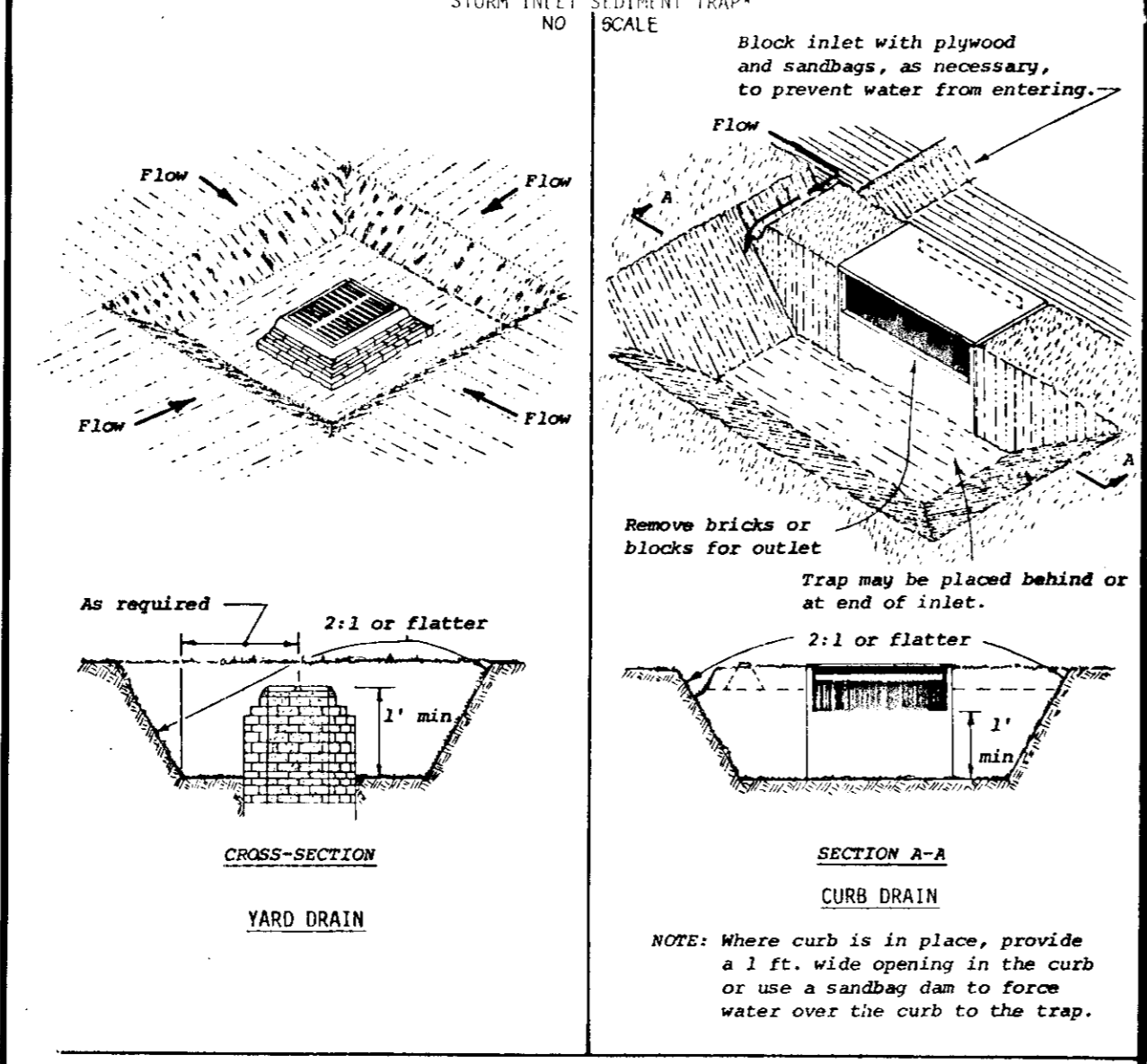
SEEDING AREAS:	FERTILIZER:	500 LBS/ACRE
	LIMESTONE:	1,000 LBS/ACRE
SODDING AREAS:	FERTILIZER:	1,000 LBS/ACRE
	LIMESTONE:	2,000 LBS/ACRE
- THE TERM "SEEDING" ON THIS PLAN SHALL MEAN THE SUCCESSFUL GERMINATION AND ESTABLISHMENT OF A STABLE GRASS COVER FROM A PROPERLY PREPARED SEEDBED CONTAINING THE SPECIFIED AMOUNTS OF LIME AND FERTILIZER, IN ACCORDANCE WITH THE APPLICABLE "STANDARDS AND SPECIFICATIONS".
- THE TERM "MULCHING" ON THIS PLAN SHALL MEAN THE APPLICATION AND ANCHORING OF A H.S.C.D. APPROVED MULCH (SUCH AS WHEAT STRAW OR TIMOTHY HAY) IN ACCORDANCE WITH THE APPLICABLE "STANDARDS AND SPECIFICATIONS".
- ALL SEDIMENT CONTROL DEVICES SHALL BE PERIODICALLY INSPECTED BY THE CONTRACTOR AND MAINTAINED SO AS TO INSURE THEIR PROPER OPERATION AT ALL TIMES. ALL DEVICES SHALL BE FUNCTIONAL AT THE END OF EACH WORK DAY.
- CONTRACTOR SHALL REMOVE ALL SEDIMENT CONTROL DEVICES, AFTER CONSTRUCTION IS COMPLETED AND ALL TRIBUTARY AREAS HAVE BEEN FINALLY STABILIZED, AND STABILIZE THOSE AREAS IN ACCORDANCE WITH NOTE 14.
- WHISKEY BOTTOM WEST, DEVELOPERS OF THE SITE, WILL BE RESPONSIBLE FOR THE MAINTENANCE OF PERMANENT STRUCTURES SO AS TO ENSURE THAT THEY REMAIN CLEAR OF DEBRIS AND IN EFFECTIVE WORKING CONDITION, AFTER COMPLETION AND ACCEPTANCE OF THE WORK.
- EXCESS SPOIL OR REQUIRED FILL SHALL BE TAKEN TO OR OBTAINED FROM AN AREA WITH AN APPROVED SEDIMENT CONTROL PLAN.
- 4 INCH TO 6 INCH SURGE STONE MAY BE USED IN PLACE OF #2 GRAVEL IN ALL SEDIMENT CONTROL STRUCTURES.
- PRIOR TO PROCEEDING WITH ANY CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A GRADING PERMIT.
- UPON INITIAL GRADING OF SITE, SEDIMENT TRAPS AND 8, 4, 5 & 6 ARE TO BE PROVIDED WITH STONE OUTLET STRUCTURES UPON COMPLETION OF THE STORM DRAINAGE STRUCTURE AT THE APPROPRIATE SEDIMENT TRAP. THE TRAP IS TO BE CONVERTED INTO AN INLET TRAP AND THE STONE OUTLET STRUCTURE IS TO BE REMOVED.



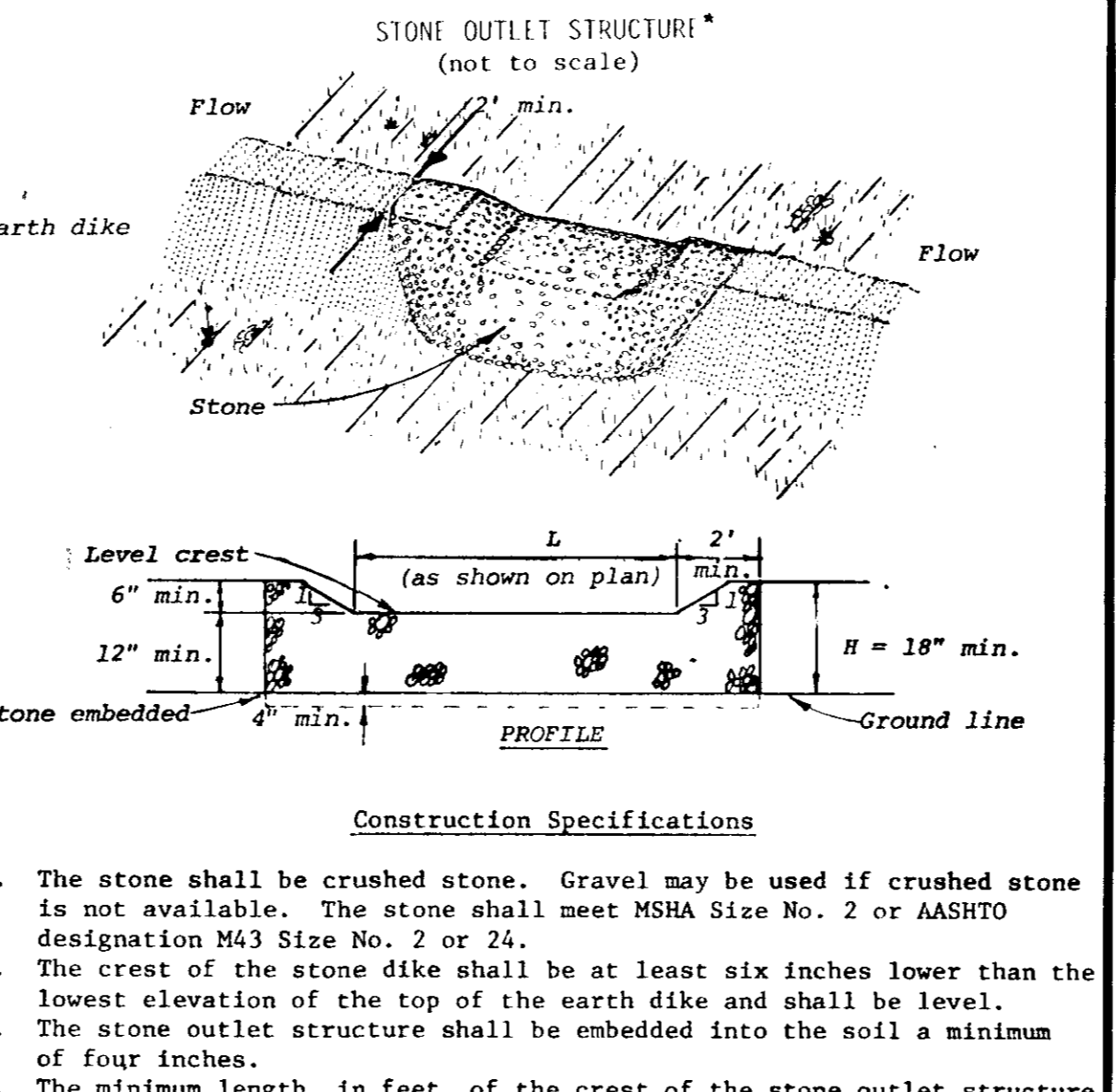
- NOTES:**
- Woven wire fence to be fastened securely to fence posts by use of wire ties.
 - Filter cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24"x24".
 - Silt fence to be placed in line of straw bales and/or diversion dikes at the option of the developer.



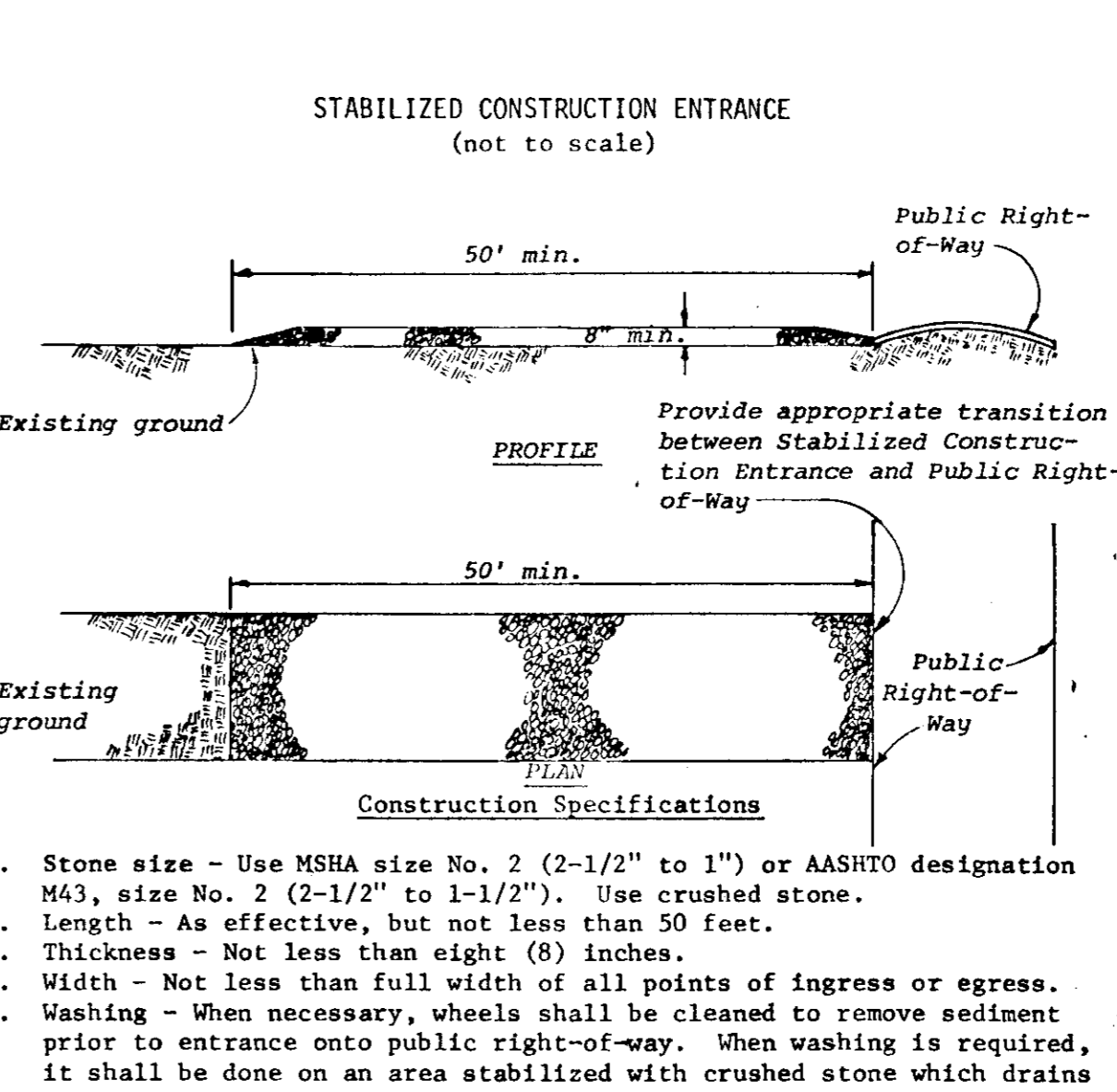
- Construction Specifications**
- The stone shall be crushed stone. Gravel may be used if crushed stone is not available. The stone shall meet MSHA Size No. 2 or AASHTO designation M43 Size No. 2 or 24.
 - The crest of the stone dike shall be at least six inches lower than the lowest elevation of the top of the earth dike and shall be level.
 - The stone outlet structure shall be embedded into the soil a minimum of four inches.
 - The minimum length, in feet, of the crest of the stone outlet structure shall be equal to six times the number of acres of contributing drainage area.
 - The stone outlet structure shall be inspected after each rain, and the stone shall be replaced when the structure ceases to function as intended due to silt accumulation among the stone, washout, construction traffic damage, etc.



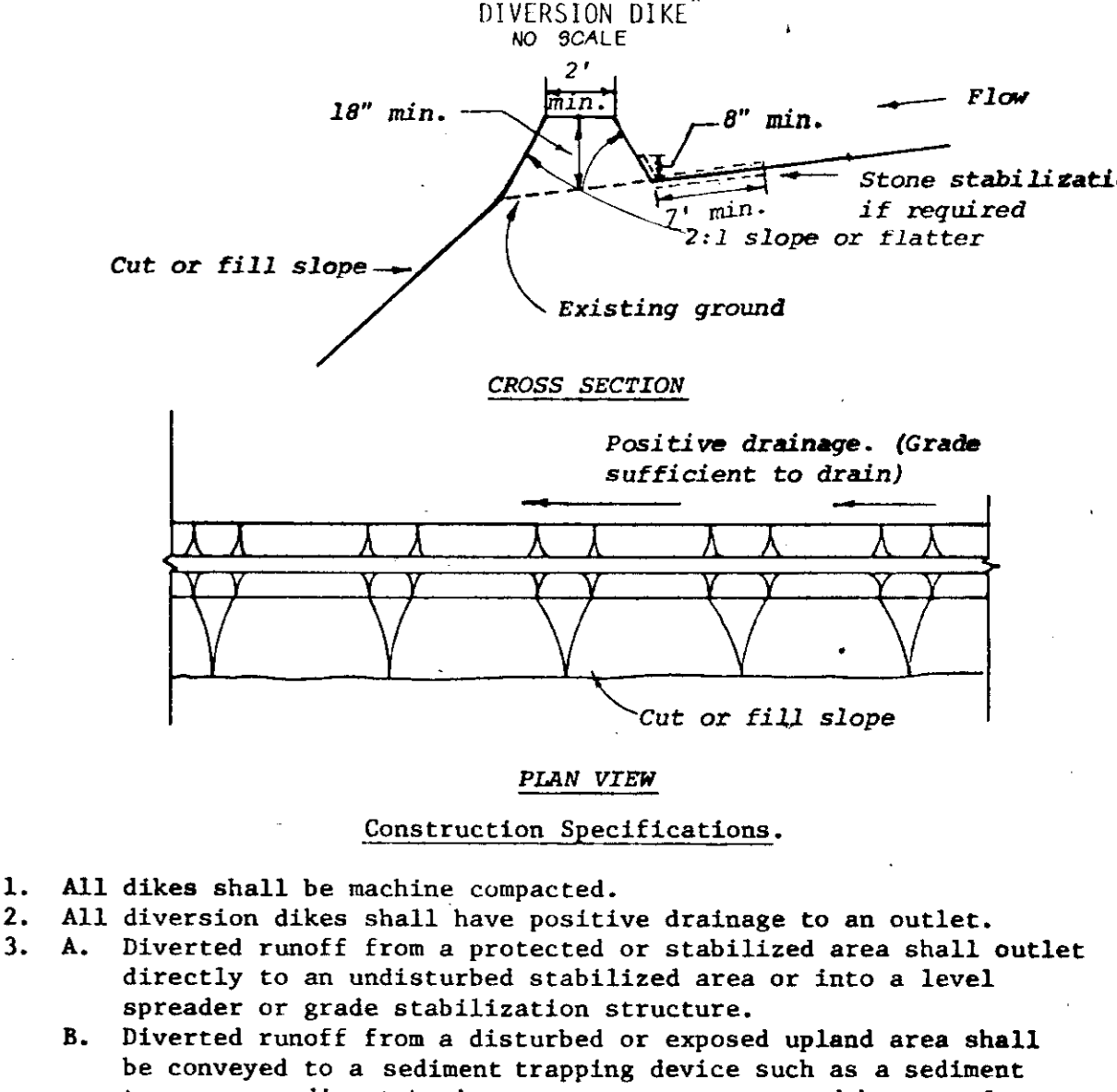
- Construction Specifications**
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
 - The structure shall be inspected after each rain and repairs made as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
 - The sediment trap shall be removed and area stabilized when the remaining drainage area has been properly stabilized.
 - All cut and fill slopes shall be 2:1 or flatter.



- Construction Specifications**
- All dikes shall be machine compacted.
 - All perimeter dikes shall have positive drainage to an outlet.
 - Top width may be wider and side slopes may be flatter if desired to facilitate crossing by construction traffic.
 - Field location should be adjusted as needed to utilize a stabilized safe outlet.
 - Interceptor dikes shall have an outlet that functions with a minimum of erosion. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment basin when either the interceptor dike channel or the drainage area above the dike are not adequately stabilized.
 - Stabilization, when required, shall be done in accordance with Standard and Specifications for Grassed Waterway. The minimum area to be stabilized shall be the channel flow area.
 - Periodic inspection and required maintenance shall be provided.



- Construction Specifications**
- Stone size - Use MSHA size No. 2 (2-1/2" to 1") or AASHTO designation M43, size No. 2 (2-1/2" to 1-1/2"). Use crushed stone.
 - Length - As effective, but not less than 50 feet.
 - Thickness - Not less than eight (8) inches.
 - Width - Not less than full width of all points of ingress or egress.
 - Washing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap or sediment basin. All sediment shall be prevented from entering any storm drain, ditch, or watercourse through use of sand bags, gravel, boards or other approved methods.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.



- Construction Specifications**
- All dikes shall be machine compacted.
 - All diversion dikes shall have positive drainage to an outlet.
 - Diverted runoff from a protected or stabilized area shall outlet directly to an undisturbed stabilized area or into a level spreader or grade stabilization structure.
 - Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as a sediment trap or a sediment basin or to an area protected by any of these practices.
 - Stabilization, as specified by the plans, shall be: (1) in accordance with Standard and Specifications for Grassed Waterway, and the area to be stabilized shall be the channel (flow area); or (2) the flow area shall be lined with stone that meets MSHA size No. 2 or AASHTO M43 size No. 2 or 24 which is placed in a 3 inch thick layer and pressed into the soil. The area covered by the stone shall be as shown on the drawing above.
 - Periodic inspection and required maintenance shall be provided.

NO.	BY	DATE	REVISIONS

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 [Signature] 10-18-78
 CHIEF DIV. OF LAND DEVELOPMENT
 [Signature] 10-10-78
 PLANNING DIRECTOR

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature] 10-5-78
 CHIEF BUREAU OF ENGINEERING
 [Signature] 10/5/78
 DIRECTOR

DEVELOPER'S CERTIFICATION:
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.
 [Signature] 7/9/78
 DEVELOPER

ENGINEER'S CERTIFICATION:
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 [Signature] 7/10/78
 MICHAEL B. MCCORDIC REG. PROF. ENGINEER, M.D. 11/9/78

JOHNSON - McCORDIC - THOMPSON, P.A.
 ENGINEERS PLANNERS SURVEYORS
 1620 ELTON ROAD SILVER SPRING, MD.
 434-7000 20803

SEDIMENT CONTROL PLAN
WHISKEY BOTTOM WEST
 SIXTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

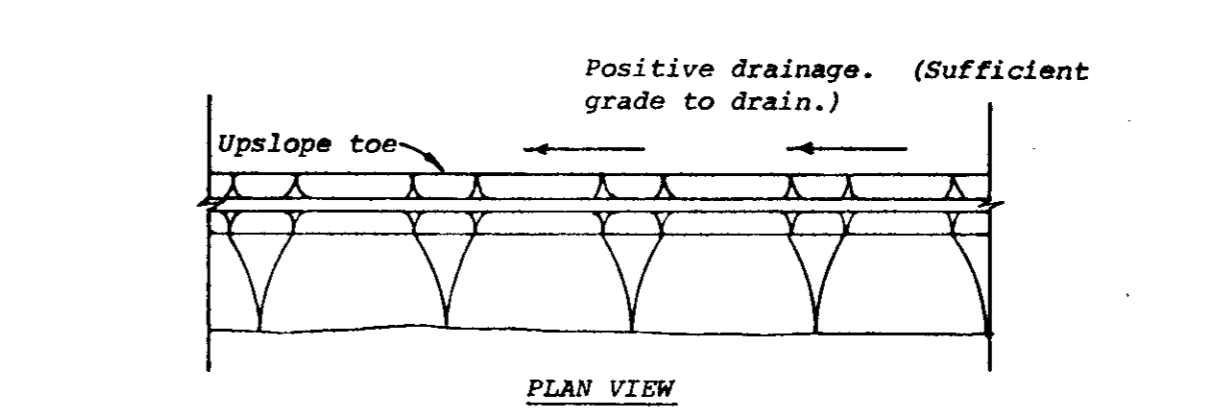
OWNER: WHISKEY BOTTOM WEST A LIMITED PARTNERSHIP
 1720 WISCONSIN AVENUE N.W.
 WASHINGTON, D.C. 20007
 PHONE: 338-7735

DESIGN JRC SHEET 14 OF 14
 DRAFT MH DATE DEC 1977 JOB NO. 7-032-28
 APPROVED KDL SCALE AS SHOWN FILE NO. 7-032-28-8
 SDP-78-71

NO.	BY	DATE	REVISIONS

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE College Park, Md.

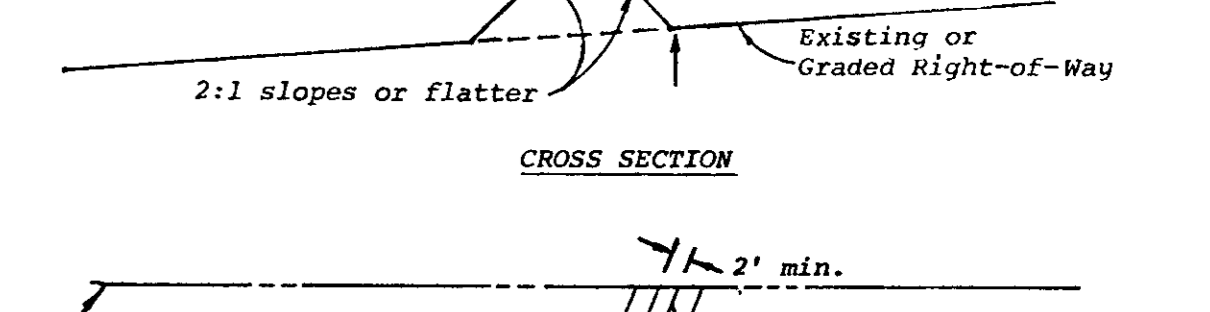
APPROVED PLANNING BOARD OF HOWARD COUNTY
 DATE 7-5-78
 [Signature]



- Construction Specifications**
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 - Periodic inspection and required maintenance shall be provided.

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE College Park, Md.

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE College Park, Md.



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 - Periodic inspection and required maintenance must be provided.

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE College Park, Md.

CONSTRUCTION SCHEDULE

NO.	ITEM	START	FINISH
1.	Construction of Twin 66" Culvert	June, 1978	July, 1978
2.	Construct Storm Drain System	July, 1978	Aug., 1978
3.	Install Sediment Control Traps	June, 1978	July, 1978
4.	Clearing, Grubbing & Rough Grading	June, 1978	Aug., 1978
5.	Construction of Building	July, 1978	Jan., 1979
6.	Installation of Underground Utilities	July, 1978	Aug., 1978
7.	Fine Grading & Final Stabilization	Oct., 1978	Jan., 1979
8.	Installation of Asphalt Paving, Walks, Curb and Gutter	Aug., 1978	Dec., 1978

9. Construction of Storm Water Management Outlet Control Structure Nov., 1978 Dec., 1979

10. Widening of All Saints Road Sept., 1978 Dec., 1978

11. Removal of Sediment Control Devices & Stabilization of areas Oct., 1978 Jan., 1979

12. Maintenance of Ground Cover CONTINUOUS

REVIEW FOR [Signature] S.C.D.
 AND MEETS TECHNICAL REQUIREMENTS.
 [Signature] 8-2-78
 SIGNATURE U.S. SOIL CONSERVATION SERVICE
 APPROVED [Signature] 8-2-78
 HOWARD S.C.D. DATE