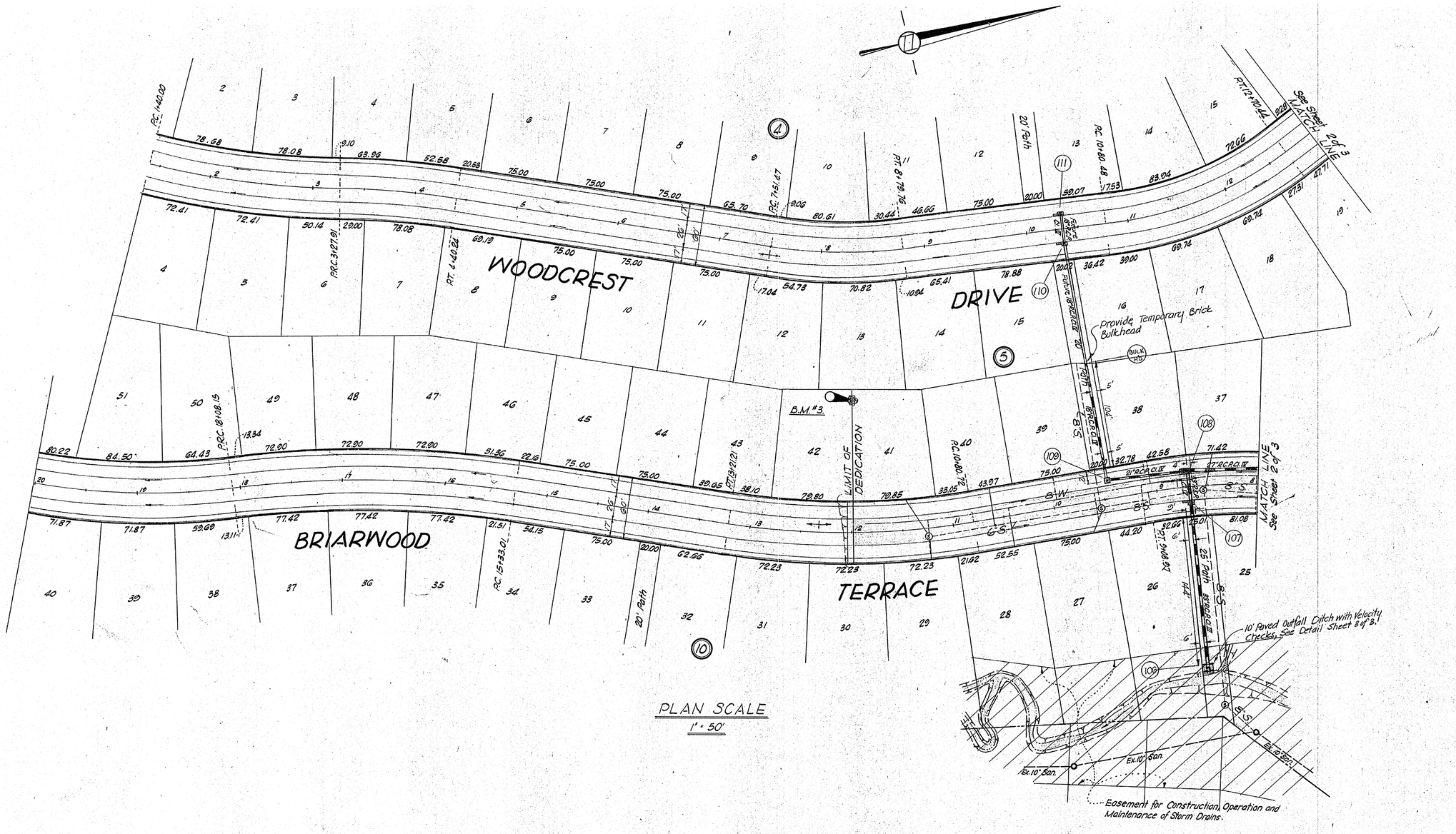


PLAN SCALE
1" = 50'

SD* D-36, 64236-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED Oct. 22, 1964
FOR STORM DRAINS ONLY

SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE SYSTEM FOR THIS DRAINAGE AREA. THIS COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OWNERS, OR TO OWNERS DOWNSTREAM, BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.

John A. Marx
SENIOR DESIGNER

*Subject to [illegible] of permits by Maryland [illegible] Department of Health

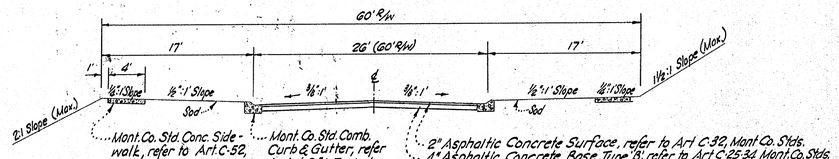
*See Montg. Co. Director of Public Works' letter dated Sept. 6, 1961 regarding elimination of protective gate. Structure 106

STORM DRAIN NOTES

1. All Storm Drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted Sept. 30, 1954.
2. Types of Structures refer to the Washington Suburban Sanitary Commission's Standard Storm Drainage Details, unless otherwise noted.
3. Information concerning underground utilities was obtained from available records, but the contractor must determine the exact location and elevation of mains by digging test pits by hand at all utility crossings well in advance of trenching. If clearances are less than shown on plans or 6" (six inches), whichever is less, contact the Storm Drain Section at W.S.S.C. before proceeding.
4. Have DEVELOPER set all property pipes necessary to stake out this construction.
5. All Storm Drainage shown on this plan to be maintained by Montgomery County.
6. All Inlets to be 2.33' away from P.C. of Curb Fillet unless otherwise dimensioned.

PAVING NOTES

1. All construction shall be in accordance with the Montgomery Co. Road Code and Standard Specifications.
2. No work shall be done in the R/W until proper permits have been obtained.
3. All graded areas within the street R/W including backslopes to be sodded.
4. All paving fillet radii shall be 25', use Montgomery Co. Std. Type 10-A curb and gutter with 20' transitions at the intersections.
5. Montgomery Co. Std. 23-B residential driveways, will be built at each lot at the direction of the Engineer or the owners.
6. Bench Marks:
   B.M. #1. El. 366.32
   Bolt in C.&P. Pole # M-8869
   B.M. #2. El. 378.14
   R.R. Spike in 14" White Oak.
   B.M. #3. El. 373.47
   R.R. Spike in root of 20" Beech.



Note: 2" Surface Course shall not be placed until all fine grading is completed.

TYPICAL PAVING SECTION
SCALE 3/8" = 1'-0"

STATE OF MARYLAND
ROBERT LOUIS HANSON
No. 3084
REGISTERED
LAND SURVEYOR

Rodney [illegible]

SD FILE NO. 903

CE487-887-1

903

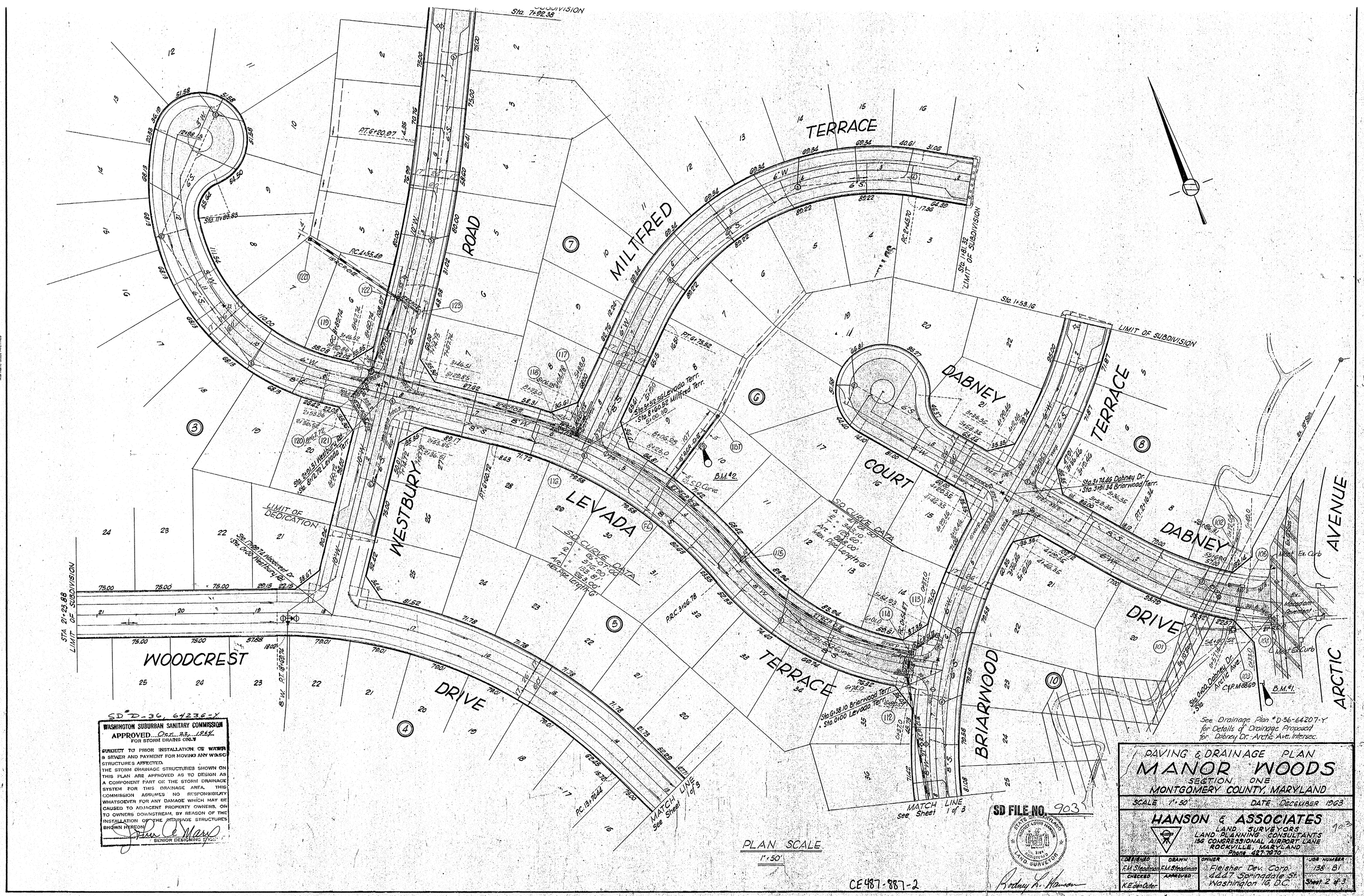
PAVING & DRAINAGE PLAN
MANOR WOODS
SECTION ONE
MONTGOMERY COUNTY, MARYLAND

SCALE 1" = 50' DATE DECEMBER 1963

HANSON & ASSOCIATES
LAND SURVEYORS
LAND PLANNING CONSULTANTS
156 CONGRESSIONAL AIRPORT LANE
ROCKVILLE, MARYLAND
Phone 427-7670

DESIGNED	DRAWN	OWNER	JOB NUMBER
F.M. Steadman	F.M. Steadman	Fleisher Dev. Corp. 4447 Springdale St. Washington 16, D.C.	158-B1
CHECKED	APPROVED		Sheet 1 of 3
K. Eden Outer			

PLATS #1, 2, 3, 13 & 14 MANOR WOODS



See Drainage Plan #D-36-64207-Y for Details of Drainage Proposed for Dabney Dr. Arctic Ave. Intersec.

SD #D-36, 64236-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED Oct. 23, 1964
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John C. Mary
SENIOR DESIGNING ENGINEER

PLAN SCALE
1" = 50'

SD FILE NO. 903

STATE OF MARYLAND
RODNEY LOUIS HANSON
No. 3964
REGISTERED
LAND SURVEYOR

Rodney L. Hanson

CE 487-887-2

PAVING & DRAINAGE PLAN
MANOR WOODS
SECTION ONE
MONTGOMERY COUNTY, MARYLAND

SCALE 1" = 50' DATE DECEMBER 1963

HANSON & ASSOCIATES
LAND SURVEYORS
LAND PLANNING CONSULTANTS
156 CONGRESSIONAL AIRPORT LANE
ROCKVILLE, MARYLAND
Phone 427-7070

DESIGNED	DRAWN	OWNER	JOB NUMBER
F.M. Steadman	F.M. Steadman	Fleisher Dev. Corp. 4447 Springdale St. Washington 16, D.C.	138 - B1
CHECKED	APPROVED		Sheet 2 of 3
K.E. den Outer			

PLATS #1, 2, 3, 13 & 14 MANOR WOODS

* Note: Notify Mr. Lee Ap 7-7700 W.S.S.C. Maintenance Engr. 48 hours before excavating in vicinity of Ex. Water Line. Backfill to be made under the direction of W.S.S.C. M&O. Division

STRUCTURE SCHEDULE

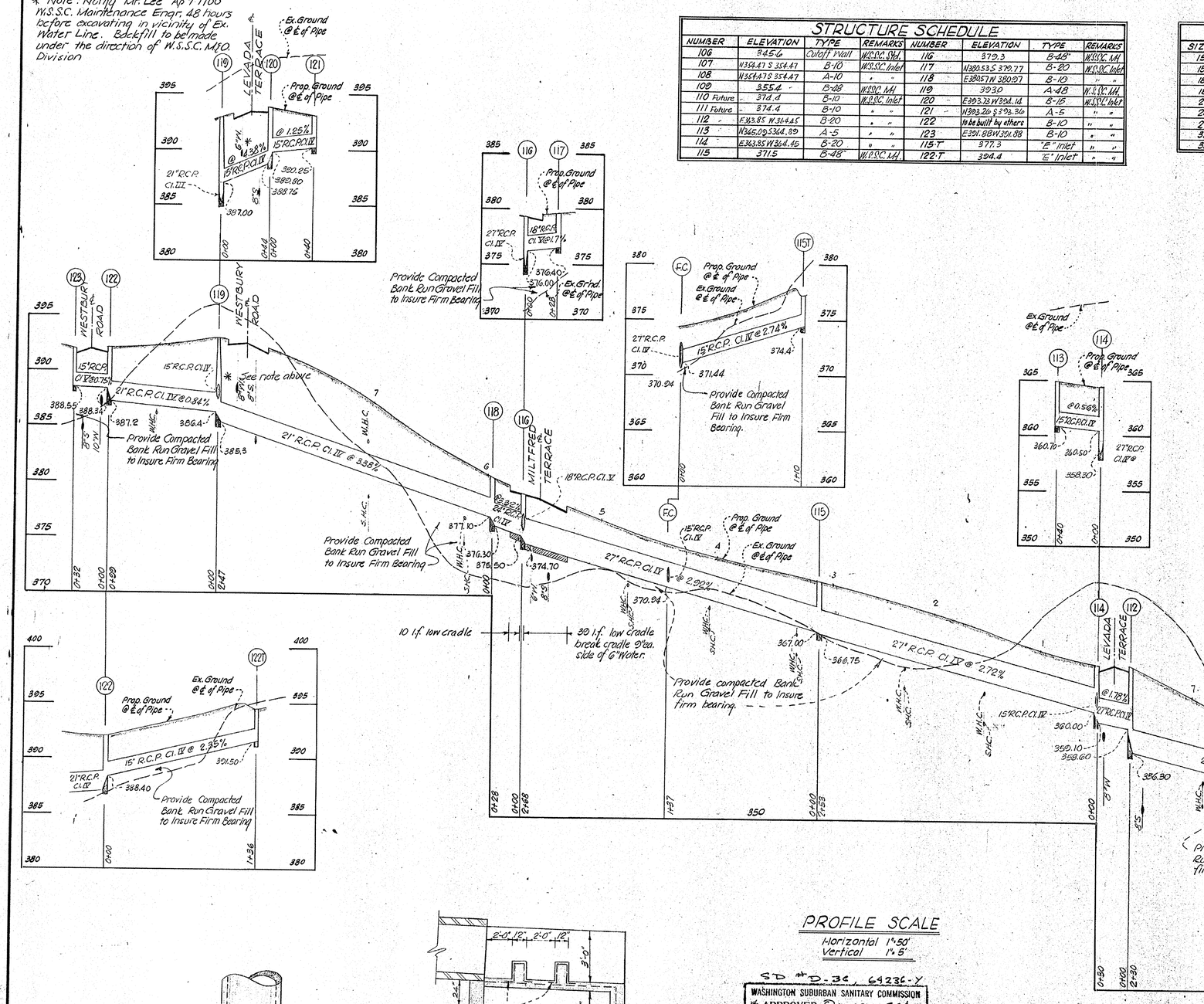
NUMBER	ELEVATION	TYPE	REMARKS	NUMBER	ELEVATION	TYPE	REMARKS
106	345.6	Cutoff Wall	W.S.S.C. Std.	116	379.3	B-48"	W.S.S.C. MH
107	N354.47 S 354.47	B-10	W.S.S.C. Inlet	117	N380.53 S 379.77	B-20	W.S.S.C. Inlet
108	N354.47 S 354.47	A-10	" "	118	E390.57 W 380.07	B-10	" "
109	355.4	B-28	W.S.S.C. MH	119	393.0	A-48	W.S.S.C. MH
110 Future	374.4	B-10	W.S.S.C. Inlet	120	E393.32 W394.14	B-15	W.S.S.C. Inlet
111 Future	374.4	B-10	" "	121	N393.26 S 393.36	A-5	" "
112	E343.85 W364.85	B-20	" "	122	to be built by others	B-10	" "
113	N345.09 S364.89	A-5	" "	123	E391.88 W391.88	B-10	" "
114	E363.85 W364.45	B-20	" "	115-T	377.3	"E" Inlet	" "
115	371.5	B-48"	W.S.S.C. MH	122-T	394.4	"E" Inlet	" "

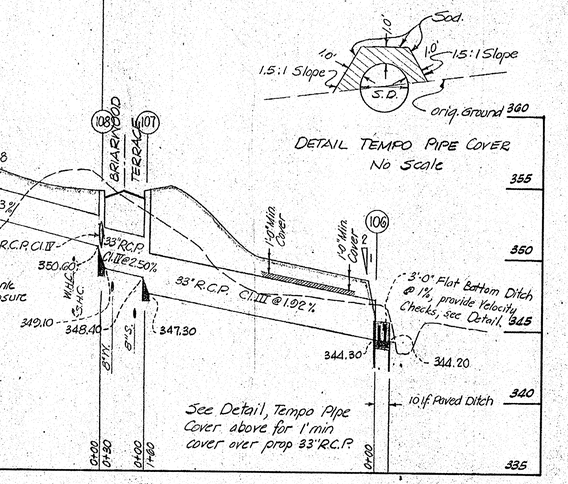
PIPE SCHEDULE

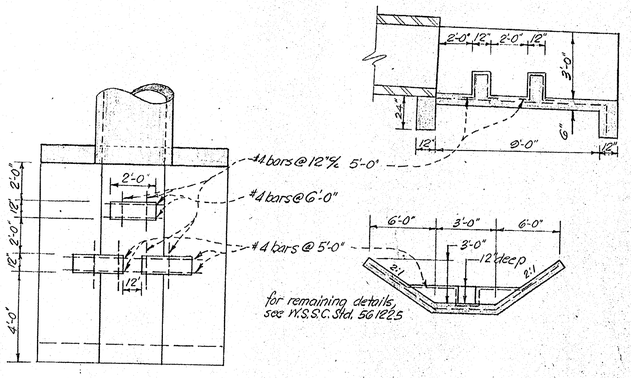
SIZE	TYPE	CLASS	LENGTH
15"	R.C.P.	Cl. IV	354'
15'	"	Cl. V	30'
18"	"	Cl. IV	114'
18"	"	Cl. V	24'
21"	"	Cl. IV	412'
24"	"	Cl. IV	24'
27"	"	Cl. IV	768'
33"	"	Cl. IV	158'
33"	"	Cl. IV	28'

STREET GRADES APPROVED BY M.N.C.P.&P.C.

DABNEY DR.	#7290	4-8-64
BRIARWOOD TERR.	#8294	4-8-64
LEVADA TERR.	#8298	4-8-64
MILTFRED TERR.	#8296	4-8-64
WESTBURY DR.	#6130	4-8-64
WOODCREST DR.	#8300	4-8-64







VELOCITY CHECK DETAIL
NO SCALE
OUTFALL DITCH @ #106

PROFILE SCALE
Horizontal 1"=50'
Vertical 1"=5'

SD #D-36, 6423G-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
* APPROVED Oct. 22, 1964
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SENIOR DESIGNING ENGINEER

*See Montg. Co. Director of Public Works' Letter dated Sept. 6, 1961 regarding elimination of protective gate. Structure 106

*Subject to issuance of permit by Maryland State Department of Health

CE 481-887-3

STATE OF MARYLAND — ROBERT LOUIS HANSON — REGISTERED LAND SURVEYOR

Rodney L. Hanson

SD FILE NO. 903

STORM DRAINAGE PROFILES
MANOR WOODS
SECTION ONE
MONTGOMERY COUNTY, MARYLAND

SCALE Horizontal 1"=50' Vertical 1"=5' DATE DECEMBER 1963

HANSON & ASSOCIATES
LAND SURVEYORS
LAND PLANNING CONSULTANTS
156 CONGRESSIONAL AIRPORT LANE
ROCKVILLE, MARYLAND
Phone 427-7070

DESIGNED	DRAWN	OWNER	JOB NUMBER
F.M. Steadman	F.M. Steadman	Fleisher Development Corp.	188-81

Maryland State Archives