GENERAL NOTES
FOR STORM DRAIN CONSTRUCTION

1. All Storm Drains shall be constructed in accordance with the latest Edition of the General Specifications of the W.S.S.C.
2. Types of structures refer to the Standard Storm Drainage Detail of the W.S.S.C., unless otherwise noted.
3. 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 utilities crossings, well in advance of trenching. If clearances are less than shown on this plan or six (6) inches, whichever is less, contact the Storm Drain Section of the Washington Suburban Sanitary Commission before proceeding with construction.
4. All inlets to be placed 3' off curb fillets unless otherwise shown.

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
15"	RCP CL. IV	643 '
18"	RCP CL. IV	383 '
36"	RCP CL. III	288 '
42"	RCP CL. III	211 '
48"	RCP CL. III	6 '

PIPE CURVE DATA						
Curve	Radius	Arc	Tangent	Chord	Delta	Max. laying length of pipe
A	160.00	53.49	27.00	53.25	19°09'24"	5'
B	247.00	161.94	84.00	159.05	37°33'52"	6'

BENCH MARKS

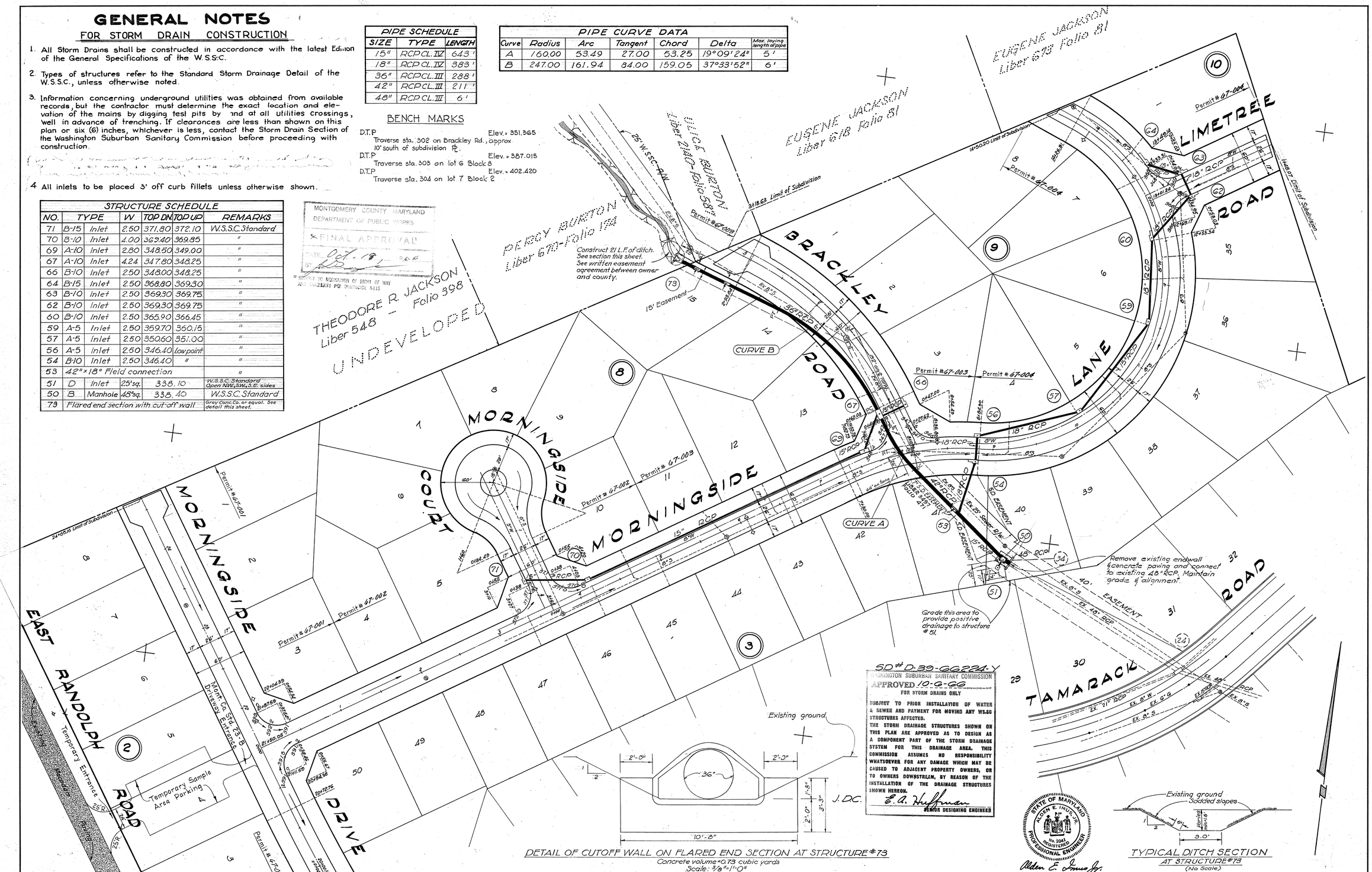
D.T.P — Elev. = 351.365
Traverse sta. 302 on Brackley Rd., approx 10' south of subdivision Pt.

D.T.P — Elev. = 387.015
Traverse sta. 303 on lot 6 Block 8

D.T.P — Elev. = 402.420
Traverse sta. 304 on lot 7 Block 2

STRUCTURE SCHEDULE						
NO.	TYPE		W	TOP DN	TOP UP	REMARKS
71	B-15	Inlet	2.50	371.80	372.10	W.S.S.C. Standard
70	B-10	Inlet	4.00	369.40	369.85	"
69	A-10	Inlet	2.80	348.50	349.00	"
67	A-10	Inlet	4.24	347.80	348.25	"
66	B-10	Inlet	2.50	348.00	348.25	"
64	B-15	Inlet	2.50	368.80	369.30	"
63	B-10	Inlet	2.50	369.30	369.75	"
62	B-10	Inlet	2.50	369.30	369.75	"
60	B-10	Inlet	2.50	365.90	366.45	"
59	A-5	Inlet	2.50	359.70	360.15	"
57	A-5	Inlet	2.50	350.60	351.00	"
56	A-5	Inlet	2.50	346.40	low point	"
54	B-10	Inlet	2.50	346.40	"	"
53	42"×18" Field connection					"
51	D	Inlet	25'sq.	338.10		W.S.S.C. Standard Open NW, SW, S.E. sides
50	B	Manhole	48"sq.	338.40		W.S.S.C. Standard
73	Flared end section with cut-off wall					Gray Conc. Co. or equal. See detail this sheet.

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE: Oct. 18, 1966
BY:
SUBJECT TO DEDICATION OF RIGHT OF WAY AND EASEMENTS PER ORDINANCE 4-335



SD # D-39-66224-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED 10-6-66
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY WSSC 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.
E. A. Huffman
SENIOR DESIGNING ENGINEER

DETAIL OF CUTOFF WALL ON FLARED END SECTION AT STRUCTURE #73
Concrete volume = 0.73 cubic yards
Scale: 3/8" = 1'-0"

STATE OF MARYLAND
ALDEN E. INMAN JR.
No. 2041
REGISTERED PROFESSIONAL ENGINEER
Alden E. Inman Jr.

TYPICAL DITCH SECTION
AT STRUCTURE #73
(No Scale)

DATE	REVISION
10-11-66	Paving ends revised. Slope easements removed.
12-20-66	Temporary Driveway added.
1-23-67	Temporary Driveway revised to show parking.

DRAFTING: PH & J.F.
CHECK: PH
DESIGN: J.F.
CHECK: PH

DEVELOPER
POCONO CORPORATION
13601 CRISPIN WAY
ROCKVILLE, MARYLAND

CIVIL ENGINEERS ■ LAND PLANNERS ■ LAND SURVEYORS
THOMAS G. OYSTER AND ASSOCIATES INC.
2419 REEDIE DRIVE ■ WHEATON ■ MARYLAND ■ 949-2011

PAVING AND STORM DRAINS

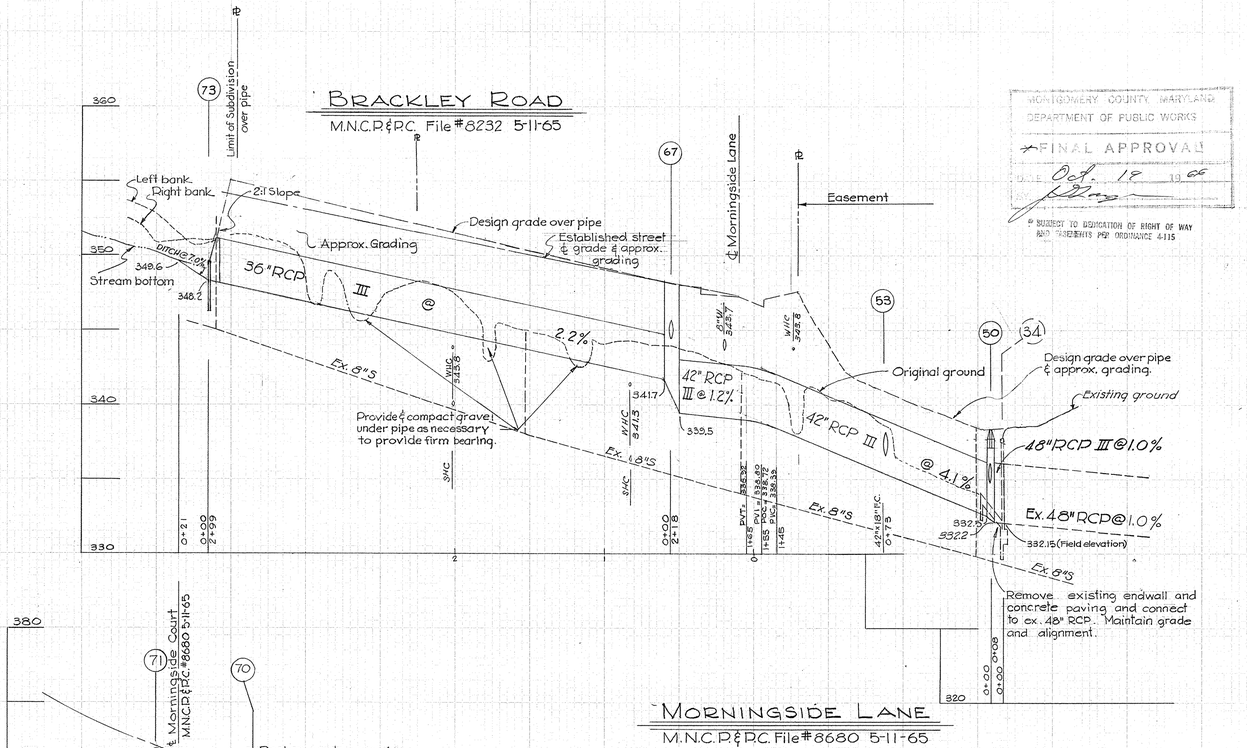
MORNINGSIDE LANE **PAINT BRANCH ESTATES** LIMETREE ROAD
Montgomery County, Maryland

DATE	JOB NO.
January, 1966	1682-B-3
SCALE	SHEET NO.
1" = 50'	1 OF 2

4939

CE487-999-1

SD FILE NO. 1016



MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE Oct. 18 19 65
* SUBJECT TO DEDICATION OF RIGHT OF WAY AND AGREEMENTS PER ORDINANCE 4-115

Note:
Notify MR. LEE (AP7-7700) Systems Maintenance Engineer 48 hours before excavation in vicinity of water main. Backfill to be made under supervision of W.S.S.C. M&O Division.

S.D. # D-99-66224-Y
10-G-GG
FOR STORM DRAIN ONLY
APPROVAL OF THESE DRAWINGS BY THE MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS IS NOT AN APPROVAL FOR PAYMENT FOR MATERIALS SHOWN OR CLOTHING REQUIRED.
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.
J.D.C. E. A. Huffman
MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS

STATE OF MARYLAND
ALDEN E. IRONS, JR.
No. 2041
REGISTERED
PROFESSIONAL ENGINEER
Alden E. Irons Jr.

DATE	REVISION	
		DRAFTING: J. F., S. B.
		CHECK: P.H.
		DESIGN: J. F.
		CHECK: P.H.

DEVELOPER
POCONO CORP.
13601 CRISPIN WAY
ROCKVILLE, MARYLAND

CIVIL ENGINEERS ■ LAND PLANNERS ■ LAND SURVEYORS
THOMAS G. OYSTER AND ASSOCIATES INC.
2419 REEDIE DRIVE ■ WHEATON ■ MARYLAND ■ 949-2011

STORM DRAIN PROFILES

MORNINGSIDE LANE — **PAINT BRANCH ESTATES** — LIMETREE ROAD
Montgomery County, Maryland

DATE	JOB NO.
January, 1966	1682 B-3
SCALE: Vert. 1"=5', Horiz. 1"=50'	SHEET NO. 2 of 2

1939

CE487-999-2

SD FILE NO. 1016