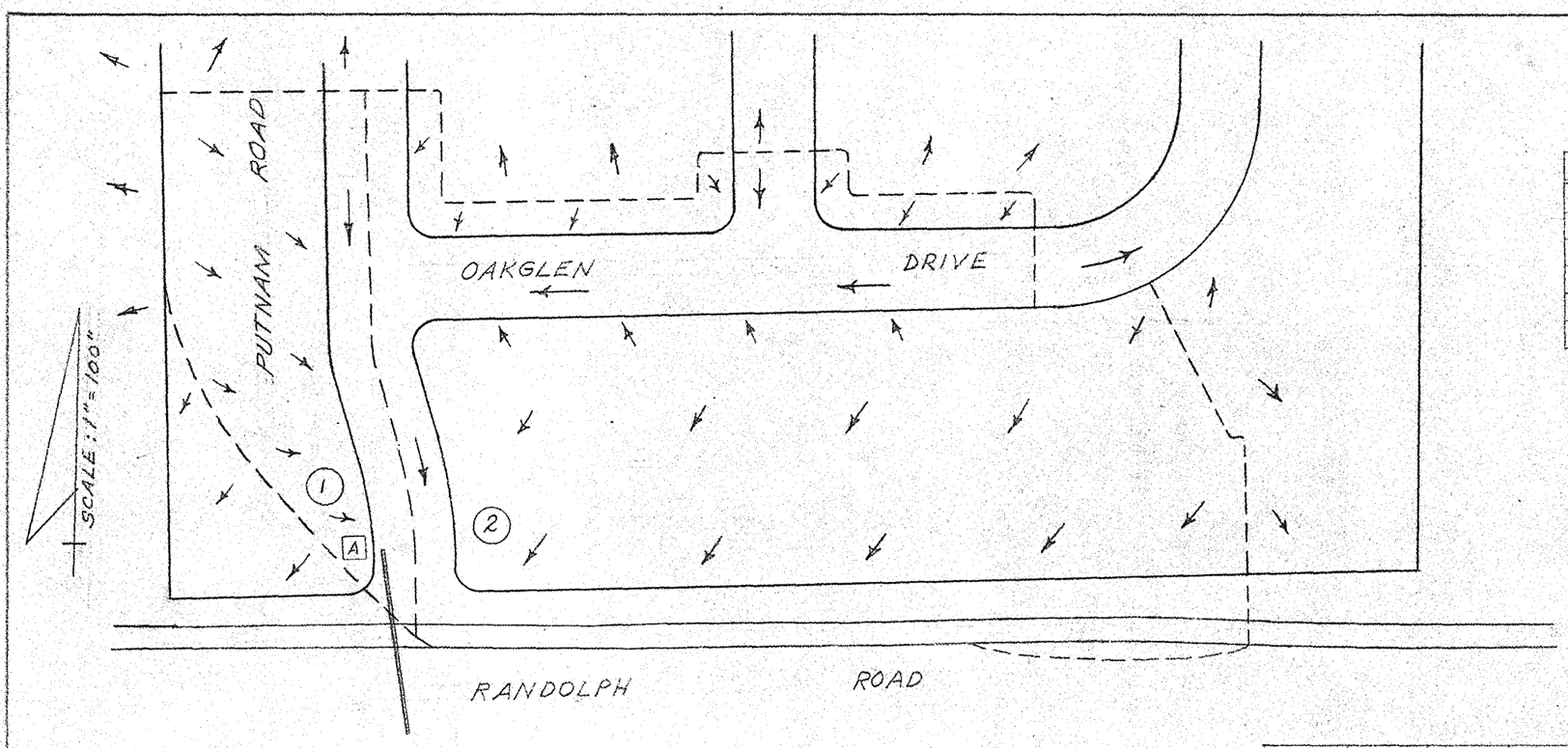


PLANIMETER AREAS

AREA	1	2	AVER.	CONST.	ACRES
1	4.73	9.44	4.72	.2296	1.08
2	20.45	40.92	20.46	.2296	4.70

A. MORTON THOMAS & ASSOCIATES
REGISTERED
ENGINEERS & SURVEYORS
BETHESDA, MARYLAND
OL. 6-4144 7939 NORFOLK AVE.

DATE: 6-25-59	RECORD NO.
SCALE: As Shown	J-488-A

PIPE SIZES

FROM	TO	(n)	Acres	T.C.	I	R	Q	SIZE	SLOPE	LGTH	V
A	B	0.019	5.78	11	5.6	0.4	12.95	15"	8.4	140'	10.5
								18"	3.2		7.2
								21"	1.2		5.3

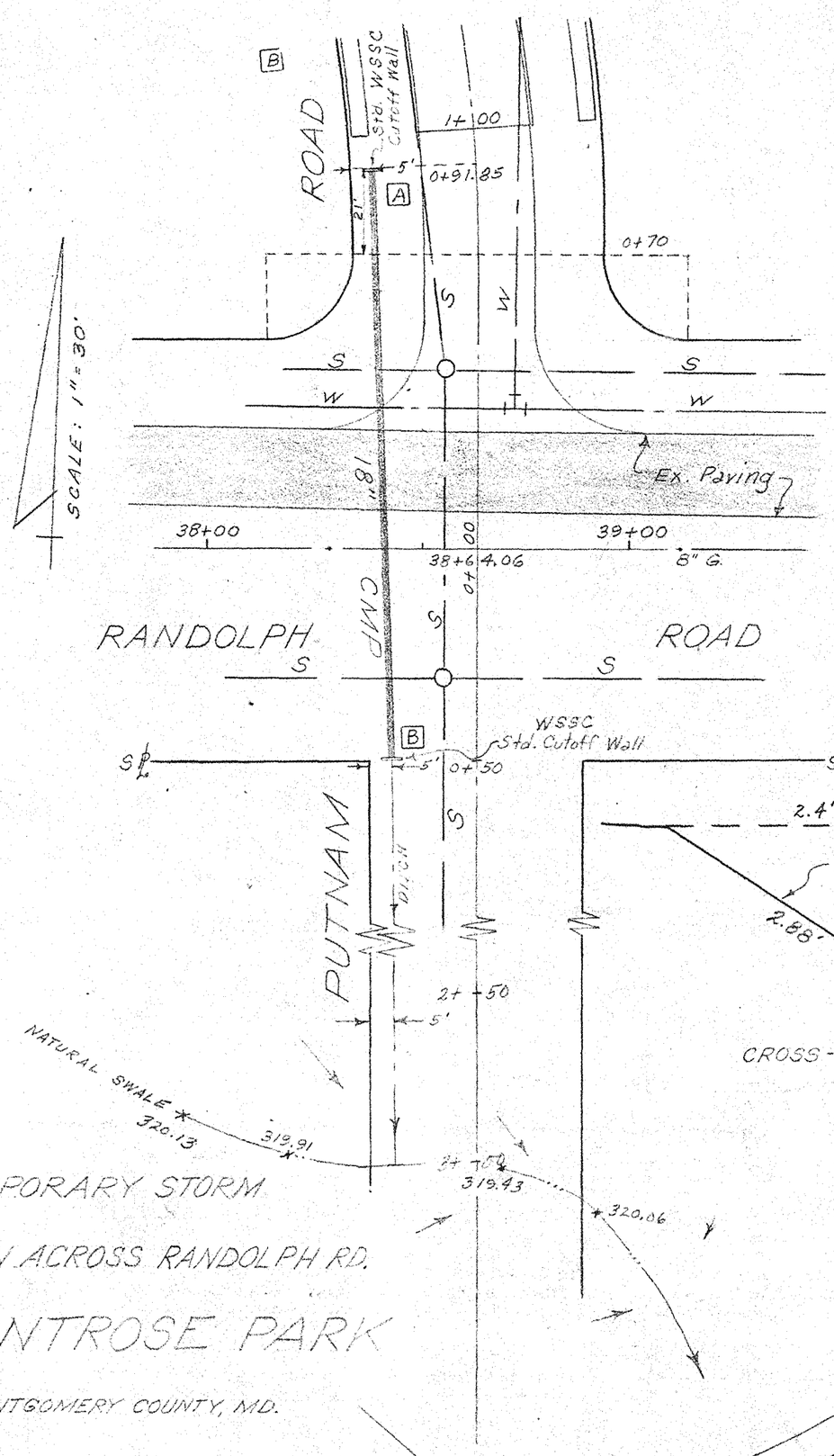
S.D. #D-21, 59116-X

WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED August 24, 1959
FOR STORM DRAINS ONLY
John A. Merk

* As temporary construction

GENERAL NOTES

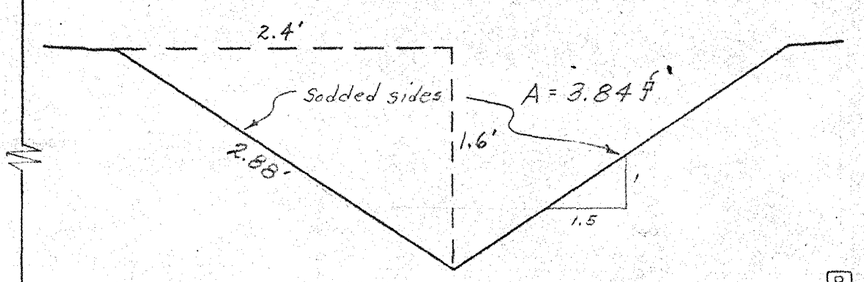
1. ALL STORM DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL SPECIFICATIONS OF THE WASHINGTON SUBURBAN SANITARY COMMISSION, ADOPTED SEPTEMBER 30, 1954.
2. TYPES OF STRUCTURES REFER TO THE WASHINGTON SUBURBAN SANITARY COMMISSIONS STANDARD STORM DRAINAGE DETAILS UNLESS OTHERWISE NOTED.
3. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF TRENCHING.
4. SIDE DITCHES WILL BE WARPED TO FIT ENDWALLS IN HORIZONTAL AND VERTICAL LOCATION. MINIMUM SLOPE 1.5:1.



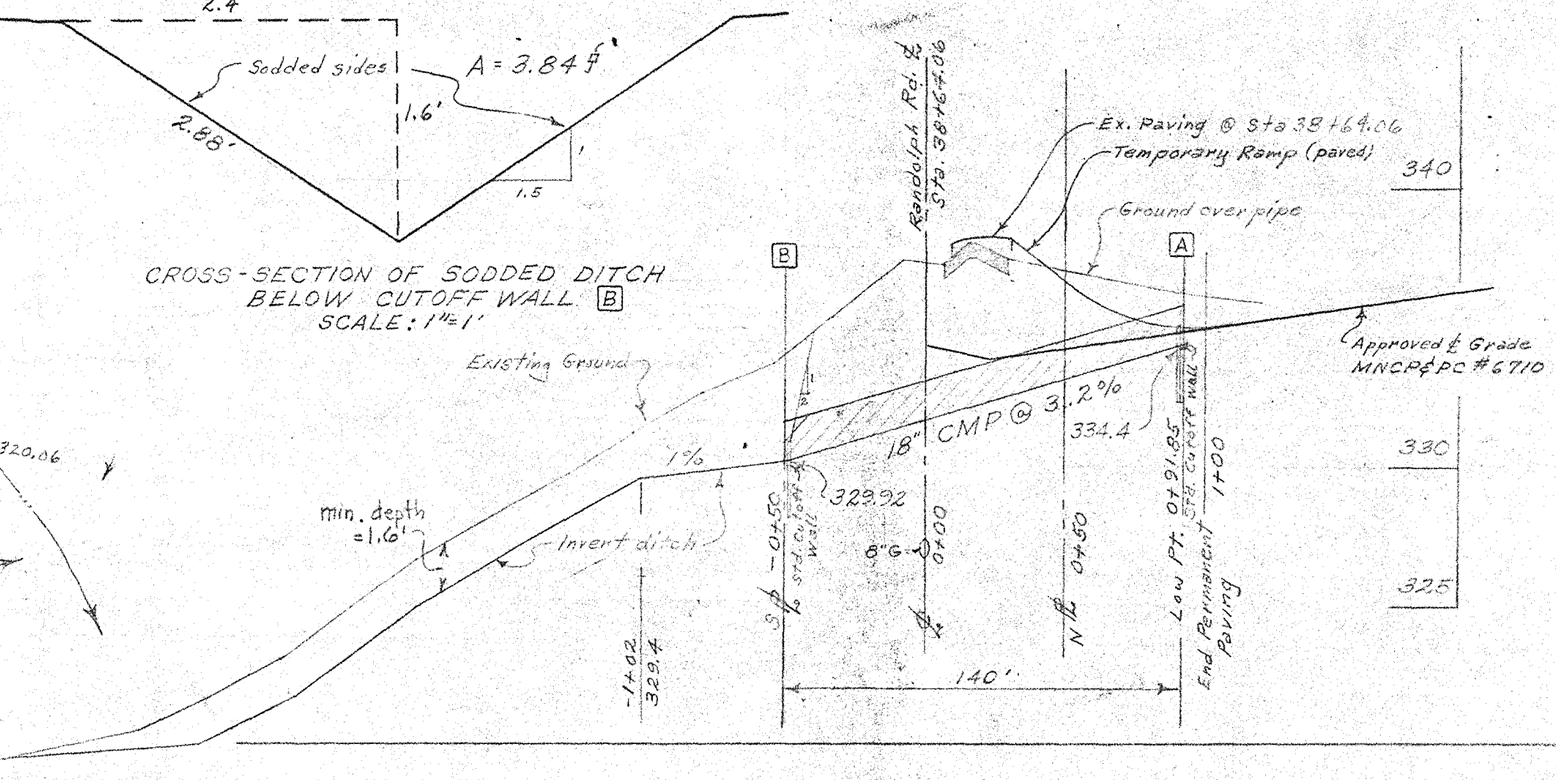
PIPE			
DIA.	LINE	LGTH	ASTM Des
18"	A-B	140'	*CMP, 16 Ga.

*ASPH. COATED & PAVED INVERT

Profile Scale - Horizontal: 1" = 50', Vertical: 1" = 5'



CROSS-SECTION OF SODDED DITCH BELOW CUTOFF WALL B
SCALE: 1" = 1'



TEMPORARY STORM DRAIN ACROSS RANDOLPH RD.

MONTROSE PARK

MONTGOMERY COUNTY, MD.

CE487-427-1

SD FILE NO. 432

Maryland State Archives