GENERAL NOTES

1.) ALL STORM DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE GENERAL SPECIFICATIONS OF THE MARYLAND STATE ROADS COMMISSION AND THE WASHINGTON SUBURBAN SANITARY COMMISSION AS ADOPTED BY THE MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS.

2.) TYPES OF STRUCTURES REFER TO THE STORM DRAINAGE DETAILS OF THE W.S.S.C., M.S.R.C. AND MONTGOMERY COUNTY, UNLESS OTHERWISE NOTED.

3.) STEPS SHALL BE PROVIDED IN THE CHANNELS OF STRUCTURES INVOLVING PIPES LARGER THAN 27" IN ACCORDANCE WITH THE W.S.S.C. STANDARD DETAILS.

4.) WHERE THE DROP ON THE MAIN LINE THROUGH A STRUCTURE CAN BE ACCOMMODATED BY AN INVERT SLOPE OF 1½ : 1 OR FLATTER, A ROUNDED CHANNEL LINED WITH SEWER BRICK ON EDGE SHALL BE BUILT TO THE CROWN OF THE PIPES.

5.) INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATIONS OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS, WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SHOWN ON THIS PLAN OR SIX (6) INCHES, WHICHEVER IS LESS, CONTACT WASHINGTON SUBURBAN SANITARY COMMISSION BEFORE PROCEEDING WITH CONSTRUCTION.

6.) INSTALLATION OF STORM DRAIN SYSTEM IN EXISTING DRAINAGE DITCH MAY REQUIRE THE REMOVAL AND DISPOSAL OF UNSUITABLE. PROVIDE COMPACTED BANK RUN GRAVEL OR CRUSHED STONE UNDER STORM DRAIN PIPES AND STRUCTURES AS NECESSARY TO ASSURE FIRM BEARING.

7.) LENGTHS OF PIPE FOR THE 54" AND 60" SIZES MAY BE IN LENGTHS OF 4, 5 OR 6 FEET.

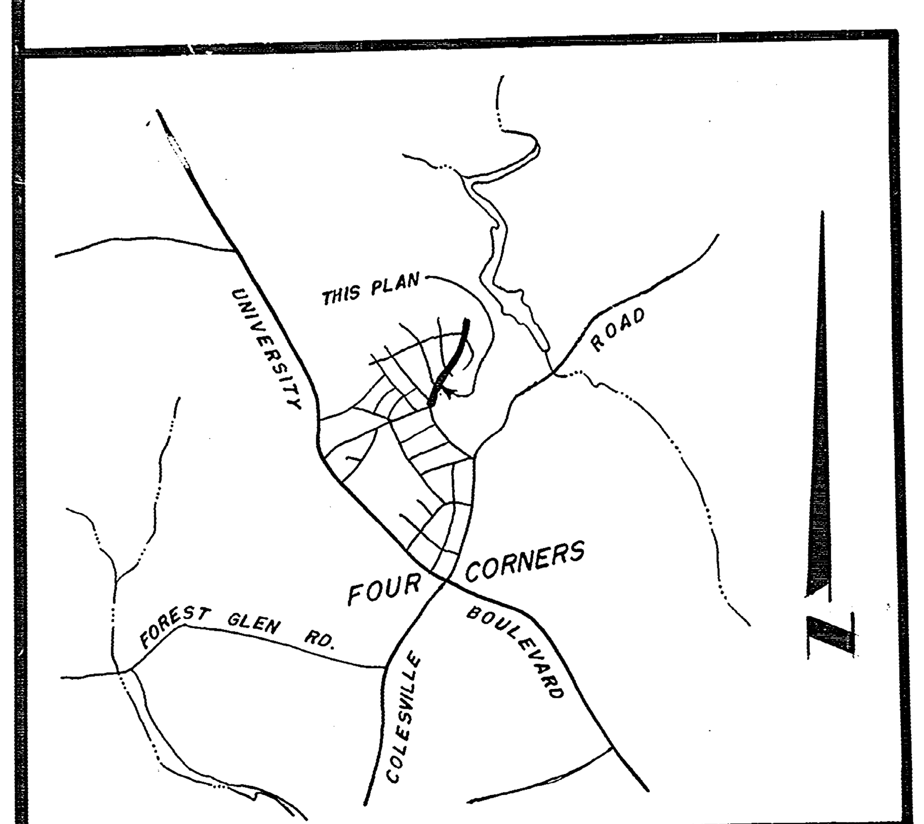
8.) ALL EXISTING ENDWALLS, CONCRETE CHANNELS, RIP-RAP, ETC. INTERFERING WITH PROPOSED CONSTRUCTION ARE TO BE REMOVED AND DISPOSED OF.

9.) TRIM, CUT OR EXTEND EXISTING STORM DRAIN PIPES, AS NECESSARY, TO COMPLETE CONSTRUCTION OF THE PROPOSED MANHOLES AND FIELD CONNECTIONS.

10.) DAMAGE TO EXISTING CURB & GUTTER, PAVING, WATER AND SEWER FACILITIES IS TO BE THE LIABILITY OF THE CONTRACTOR TO REPLACE.

11.) REFILL EXISTING STORM DRAINAGE DITH WITH CLEAN COMPACTED FILL. SLOPE FILL FROM THE TOP OF THE EXISTING CURBS AROUND THE MEDIAN AREA, TO THE CENTERLINE OF THE MEDIAN. PROVIDE A MINIMUM 0.5 FOOT SLOPE (2%) FROM THE LOWEST TOP OF CURB TO OPPOSITE CENTERLINE OF MEDIAN POINT. SOD OR RESOD ALL OF THE MEDIAN AREA AND ALL OTHER AREAS DISTURBED BY CONSTRUCTION.

12.) EXTREME CAUTION MUST BE TAKEN TO PROTECT THE EXISTING TREES DURING CONSTRUCTION. TREES TO BE PROTECTED BY THIS CONSTRUCTION ARE DESIGNATED WITH DARK SHADING ON THIS PLAN. DEVIATIONS FROM THIS PROTECTION SHALL BE MADE ONLY UPON APPROVAL BY THE COUNTY INSPECTOR ON THE PROJECT AND THE INSPECTOR WILL OUTLINE ANY SPECIAL PROTECTION (PERMANENT OR TEMPORARY) METHODS DEEMED NECESSARY. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING ANY TREES DETERMINED IMPAIRED OR DESTROYED.



VICINITY MAP
SCALE : 1" = ½ MILE

STORM DRAIN PLAN

NORTHWOOD PARK
NORTHWOOD VILLAGE
NORTHWOOD PARK VIEW
LOCKRIDGE DRIVE

WHEATON ELECTION DISTRICT NO. 13
MONTGOMERY COUNTY, MARYLAND

PREPARED FOR
DEPARTMENT OF PUBLIC WORKS
MONTGOMERY COUNTY, MARYLAND

MONTGOMERY CO. DEPT. OF PUBLIC WORKS	CONTRACT NO.
APPROVED : ________	68 SDG30
DEPUTY DIRECTOR	

SCALE: 1" = 50' DATE: JAN., 1970

ELDON E. SNIDER & ASSOCIATES
LAND SURVEYORS
LAND PLANNING CONSULTANTS
467 N. FREDERICK AVENUE, GAITHERSBURG, MARYLAND 20760
948-5100

REVISIONS

FILE DRW. NO. JOB NO. 69 - 445

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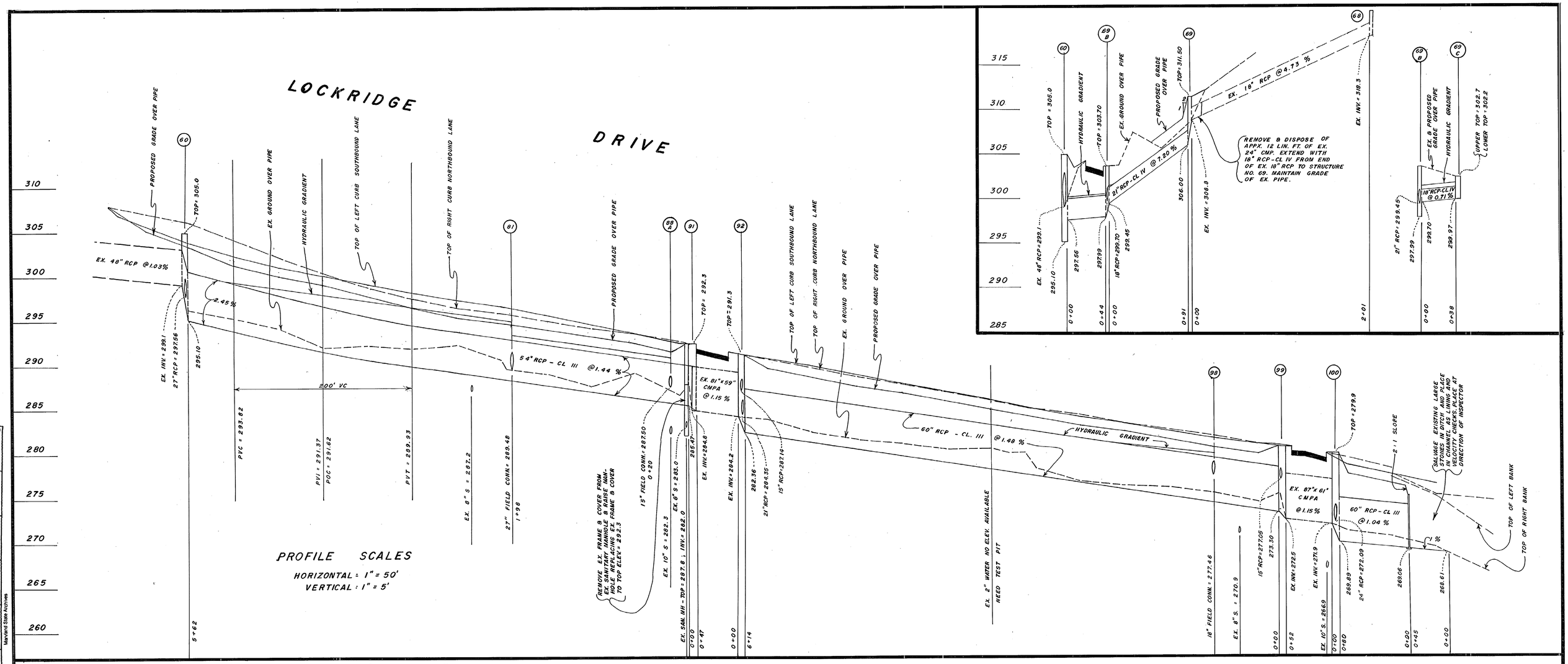
R. F. SD FILE NO. 21 SHEET 1 OF 3

Maryland State Archives



SCALE: AS SHOWN DATE: FEB., 1969

ELDON E. SNIDER & ASSOCIATES
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948-5100

REVISIONS

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STORM DRAIN PLAN

NORTHWOOD PARK
NORTHWOOD VILLAGE
NORTHWOOD PARK VIEW
LOCKRIDGE DRIVE

WHEATON ELECTION DISTRICT NO. 13

MONTGOMERY COUNTY, MARYLAND

PREPARED FOR
DEPARTMENT OF PUBLIC WORKS
MONTGOMERY COUNTY, MARYLAND

MONTGOMERY CO. DEPT. OF PUBLIC WORKS
APPROVED: _____
DEPUTY DIRECTOR

CONTRACT NO.
68 SDG 30

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R.F. SD FILE NO. 21 SHEET 2 OF 3

Maryland State Archives

STRUCTURE SCHEDULE

NO.	UPPER TOP	LOWER TOP	INVERT IN	INVERT OUT	TYPE	STANDARD	SIZE	REMARKS
69	311.50	—	308.8	306.00	MANHOLE	WSSC	48" □	6" SLOT IN SW SIDE
69-C	302.7	302.2	—	299.97	INLET	WSSC	B-20	
69-B	303.70	—	299.45 299.70	297.99	MANHOLE	WSSC	48" □	
60	305.00	—	299.1 295.10	295.10	MANHOLE	WSSC	72" □	
81	—	—	289.48	—	FIELD CONN.	WSSC	27" X 54"	
88	292.50	—	288.60	288.04	INLET	NPS	E4	* SEE NOTE NO. 1
88-A	—	—	287.50	—	FIELD CONN.	WSSC	15" X 54"	
91	292.3	—	285.47	284.8	MANHOLE	WSSC	84" □	
92	291.3	—	284.2 287.14 284.35	282.36	MANHOLE	WSSC	84" □	
98	—	—	277.46	—	FIELD CONN.	WSSC	18" X 60"	
99-A	TOP OF FRAME 280.70	—	—	277.10	INLET	NPS	E 4	* SEE NOTE NO 1
99	280.90	—	277.05 273.30	272.50	MANHOLE	WSSC	96" □	
100	279.9	—	271.9 272.09	269.89	MANHOLE	WSSC	96" □	
101	275.06	—	—	269.06	HEADWALL	SRC	B-60"	

PIPE SCHEDULE

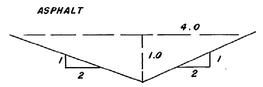
SIZE	TYPE	CLASS	LINE	STANDARD	REMARKS	LENGTH
54"	RCP	III	60-91	WSSC		562'
60"	RCP	III	92-99	WSSC		614'
60"	RCP	III	100-101	WSSC		80'
15"	RCP	IV	88-88A	WSSC	SEE NOTE NO. 2	6' *
15"	RCP	IV	90-92	WSSC	SEE NOTE NO. 2	3' *
15"	RCP	IV	99A-99	WSSC	SEE NOTE NO. 2	5' *
18"	RCP	IV	68-69	WSSC	SEE NOTE NO. 2	12' *
18"	RCP	IV	69C-69B	WSSC		38'
18"	RCP	IV	97-98	WSSC	SEE NOTE NO. 2	7' *
21"	RCP	IV	85-92	WSSC	SEE NOTE NO. 2	4' *
21"	RCP	IV	69-69B	WSSC		91'
24"	RCP	IV	95-100	WSSC	SEE NOTE NO. 2	5'
27"	RCP	IV	79-81	WSSC	SEE NOTE NO. 2	6'
27"	RCP	IV	69B-60	WSSC		44'

*1) STANDARD CATCH BASIN TYPE E4 U.S. DEPT. OF THE INTERIOR NATIONAL PARK SERVICE, NATIONAL CAPITAL PARKS DRAWING NUMBER N.C.P. 48-184-E4A.
TOP ELEV. = TOP OF CAST IRON FRAME.

*2) LENGTHS OF PIPE ARE VARIABLE BECAUSE OF POSSIBLE BREAKAGE DURING REMOVAL OF EXISTING ENDWALL STRUCTURES, ANGULAR CUTS ON EX. PIPES AND POSITION OF BELL ENDS.

ASPHALT DITCH

ACROSS END OF PAVING ON EASTWOOD DRIVE TO STRUCTURE 69



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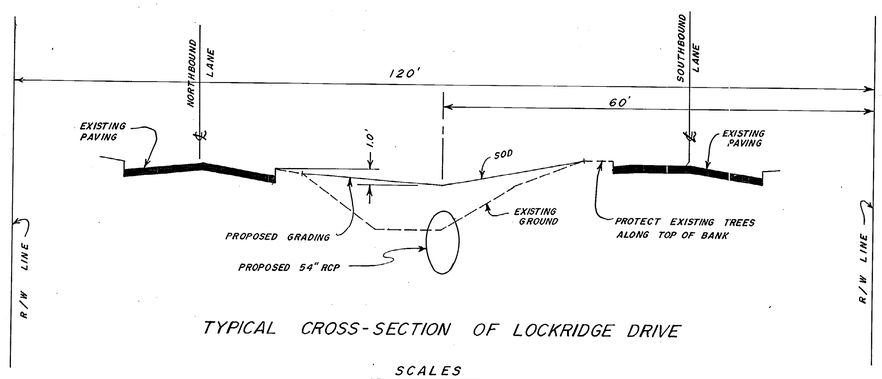

TYPICAL CROSS-SECTION OF LOCKRIDGE DRIVE

SCALES

HORIZONTAL : 1" = 10'
VERTICAL : 1" = 5'

STORM DRAIN PLAN

NORTHWOOD PARK
NORTHWOOD VILLAGE
NORTHWOOD PARK VIEW
LOCKRIDGE DRIVE

WHEATON ELECTION DISTRICT NO. 13

MONTGOMERY COUNTY, MARYLAND

PREPARED FOR
DEPARTMENT OF PUBLIC WORKS
MONTGOMERY COUNTY, MARYLAND

SCALE: AS SHOWN DATE: MAR., 1970

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21

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