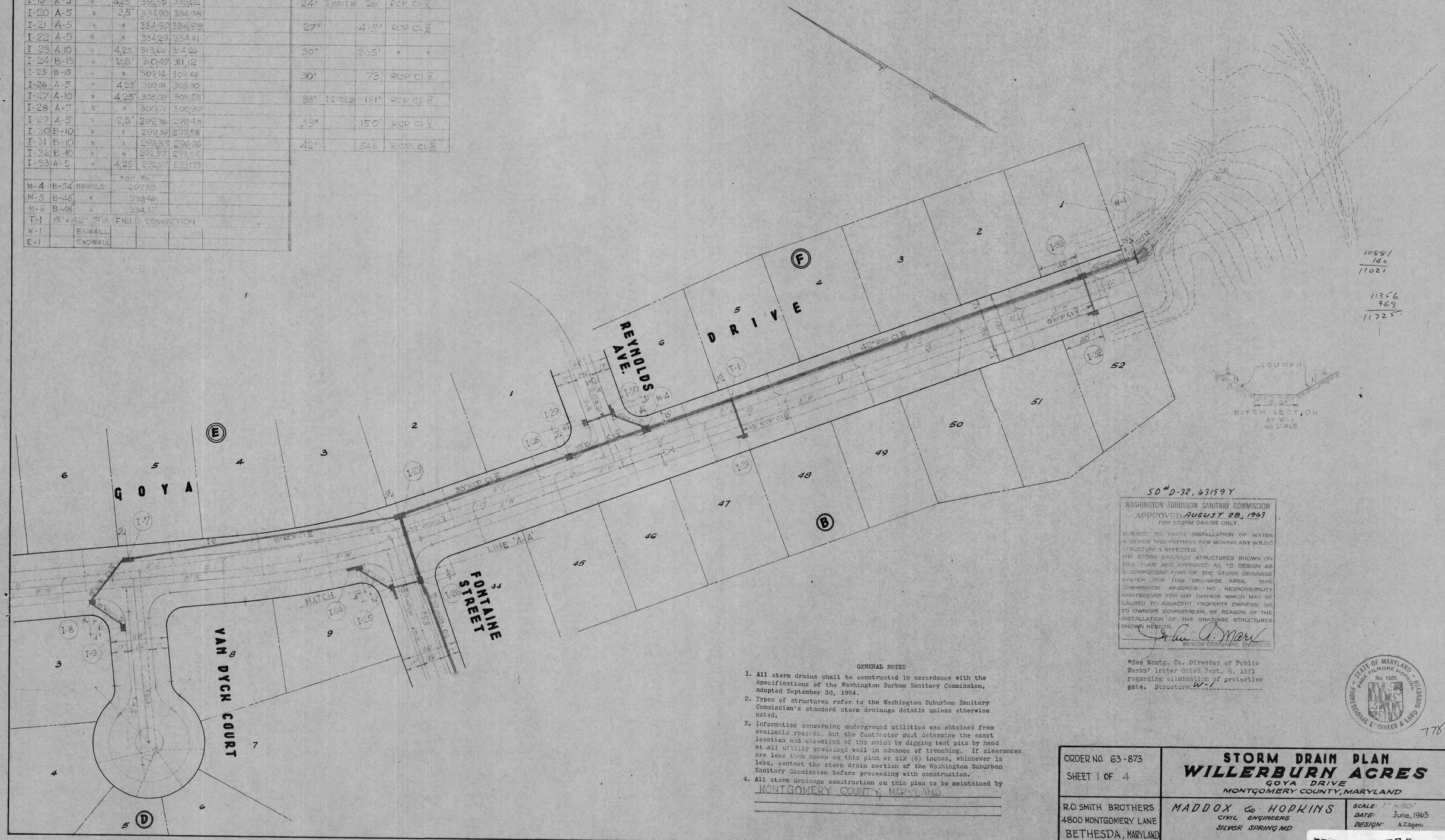
STRUCTURE SCHEDULE

NO.	TYPE		W	TOP DOWN	TOP UP	REMARKS
I-7	A-10	INLET	2.5'	321.76	322.11	
I-8	A-5	"	"	322.03	323.28	
I-9	A-5	"	"	322.08	322.40	
I-10	A-5	"	"	337.66	337.66	
I-11	B-15	"	4.25'	351.70	352.02	
I-12	B-10	"	2.5'	352.82	353.26	
I-13	A-5	"	4.25'	340.74	340.90	
I-14	B-10	"	4.25'	340.74	341.02	
I-15	B-20	"	2.5'	350.94	351.83	
I-16	A-15	"	4.25	342.18	342.79	
I-17	A-5	"	2.5'	342.32	342.58	
I-18	B-10	"	2.5'	340.61	340.72	
I-19	A-5	"	4.25'	335.50	335.62	
I-20	A-5	"	2.5'	334.90	334.98	
I-21	A-5	"	"	334.90	334.98	
I-22	A-5	"	"	334.29	334.41	
I-23	A-10	"	4.25	313.66	314.26	
I-24	B-15	"	2.5	310.47	311.12	
I-25	B-15	"	"	309.14	309.46	
I-26	A-5	"	4.25'	309.18	309.30	
I-27	A-10	"	4.25'	308.09	308.55	
I-28	A-5	"	"	300.71	300.92	
I-29	A-5	"	2.5'	299.36	299.48	
I-30	B-10	"	"	299.36	299.58	
I-31	B-10	"	"	296.33	296.96	
I-32	B-10	"	"	292.97	293.08	
I-33	A-5	"	4.25'	292.87	293.03	
				TOP EL.		
M-4	B-54	MANHOLE		297.85		
M-5	B-48	"		339.46		
M-6	B-48	"		334.37		
T-1	15"x42" St'd. FIELD CONNECTION					
W-1		ENWALL				
E-1		ENDWALL				

PIPE SCHEDULE

DIA.	LINE	L'GTH	TYPE
15"		603'	RCP Cl. III
15"		208	RCP Cl. IV
18"		66'	RCP Cl. III
18"		194'	RCP Cl. IV
21"	I-18 TO M-5	53'	RCP Cl. IV
24"	I-14 TO M-5	67'	" "
24"	I-18 TO I-19	26'	RCP Cl. V
27"		415'	RCP Cl. III
30"		305'	" "
30"		73'	RCP Cl. V
38"	I-27 TO I-28	181'	RCP Cl. III
38"		150'	RCP Cl. V
42"		546	RCP Cl. III



10881
14c
11021

11356
369
11225

50' D-32, 63159 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED AUGUST 28, 1963
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.

Glen A. Marr
SENIOR DESIGNING ENGINEER

*See Montg. Co. Director of Public Works' letter dated Sept. 6, 1961 regarding elimination of protective gate. Structure W-1

STATE OF MARYLAND - PAGE FILLMORE HOPKINS - No 1585 - SURVEYOR - PROFESSIONAL ENGINEER & LAND

778

GENERAL NOTES

1. All storm drains shall be constructed in accordance with the specifications of the Washington Surban Sanitary Commission, adopted September 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 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 the storm drain section of the Washington Suburban Sanitary Commission before proceeding with construction.
4. All storm drainage construction on this plan to be maintained by MONTGOMERY COUNTY, MARYLAND

ORDER NO. 63-873
SHEET 1 OF 4

STORM DRAIN PLAN
WILLERBURN ACRES
GOYA DRIVE
MONTGOMERY COUNTY, MARYLAND

R.O. SMITH BROTHERS
4800 MONTGOMERY LANE
BETHESDA, MARYLAND

MADDOX & HOPKINS
CIVIL ENGINEERS
SILVER SPRING MD

SCALE: 1" = 50'
DATE: June, 1963
DESIGN: A. Zagaris

SD FILE NO. 778

CE 487-764-1

GOYA DRIVE

FONTAINE STREET

GAINSBOROUGH RD

GREENLEAF COURT

GREENLEAF AVENUE

RAPHAEL CT.

SEVEN LOCKS ROAD

MATCH LINE A-A

MATCH LINE A-A

EXISTING PAVING

Sodded

18" DITCH SECTION AT E-1 NO SCALE

SD # D-32, 63159 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED AUGUST 28, 1963
FOR STORM DRAINS ONLY

SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY WS.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 C. Mayo
SECRETARY-TREASURER

STATE OF MARYLAND — PAUL FILMORE HOPKINS — No 1585 — REGISTERED ENGINEER & LAND SURVEYOR

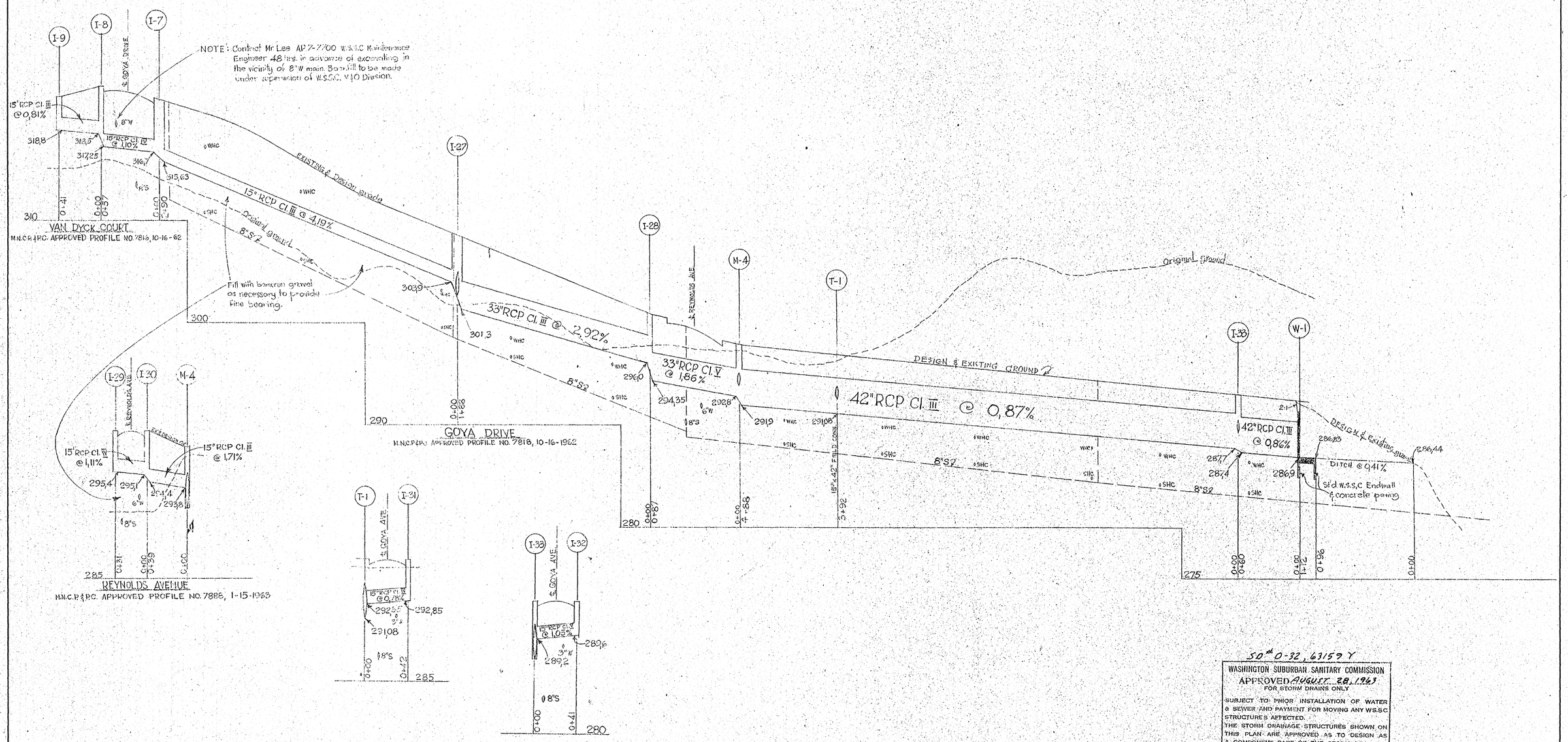
778

ORDER NO. 63-873 SHEET 2 OF 4	**STORM DRAIN PLAN** **WILLERBURN ACRES** FONTAINE STREET & GREENLEAF COURT MONTGOMERY COUNTY, MARYLAND
R.O. SMITH BROTHERS 4800 MONTGOMERY LANE BETHESDA, MARYLAND	MADDOX & HOPKINS CIVIL ENGINEERS SILVER SPRING Md.

SCALE: 1" = 50'
DATE: June, 1963
DESIGN: A. Zagers

CE 487-764-2

SD FILE NO. 778



SD # 0-32, 63159 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED AUGUST 28, 1963
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.

SENIOR DESIGNING ENGINEER

STATE OF MARYLAND — PAGE FILMORE HOPKINS — No 1585 — PROFESSIONAL ENGINEER & LAND SURVEYOR

778

ORDER NO. 63-873 SHEET 3 OF 4	STORM DRAIN PLAN **WILLERBURN ACRES** GOYA DRIVE MONTGOMERY COUNTY, MARYLAND
R.O. SMITH BROTHERS 4800 MONTGOMERY LANE BETHESDA, MARYLAND	MADDOX & HOPKINS CIVIL ENGINEERS 8506 DIXON AVENUE JU 8-3110 SILVER SPRING, Md
SCALE: AS SHOWN DATE: JULY, 1963 DESIGN: A. Zögeris DRAWN:	

CE 478-764-3

SD FILE NO. 778

NOTE: Contact Mr. Lee AP 7-1700 W.S.S.C. Maintenance Engineer 48 hrs. in advance of excavating in the vicinity of 3" W main. Backfill to be made under supervision of W.S.S.C. M&O Division.

GREENLEAF COURT
M.N.C.P.&P.C. APPROVED PROFILE NO. 7860, 12-10-1962

GREENLEAF AVENUE
M.N.C.P.&P.C. APPROVED PROFILE NO. 7860, 12-10-1962

RAPHAEL COURT
M.N.C.P.&P.C. APPROVED PROFILE NO. 7896, 1-15-1963

FONTAINE STREET
M.N.C.P.&P.C. APPROVED PROFILE NO. 5673, 12-10-1963

GAINSBOROUGH ROAD
M.N.C.P.&P.C. APPROVED PROFILE NO. 5666, 12-10-1962

Fill with bank run gravel as necessary to provide firm bearing.

SD # D-32, 63159 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED AUGUST 28, 1963
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.

Arthur A. Marx
SENIOR DESIGNING ENGINEER

STATE OF MARYLAND · PAGE FILMORE HOPKINS · No 1585 · PROFESSIONAL ENGINEER & LAND SURVEYOR

778

ORDER No 63-873
SHEET 4 of 4

STORM DRAIN PLAN
WILLERBURN ACRES
FONTAINE STREET & GREENLEAF COURT
MONTGOMERY COUNTY, MARYLAND

R.O. SMITH BROTHERS
4900 MONTGOMERY LANE
BETHESDA, MARYLAND

MADDOX & HOPKINS
CIVIL ENGINEERS
SILVER SPRING, Md.

SCALE: 1" = 50
DATE:
DESIGN:

CE 487-764-4

SD FILE NO. 778

Maryland State Archives