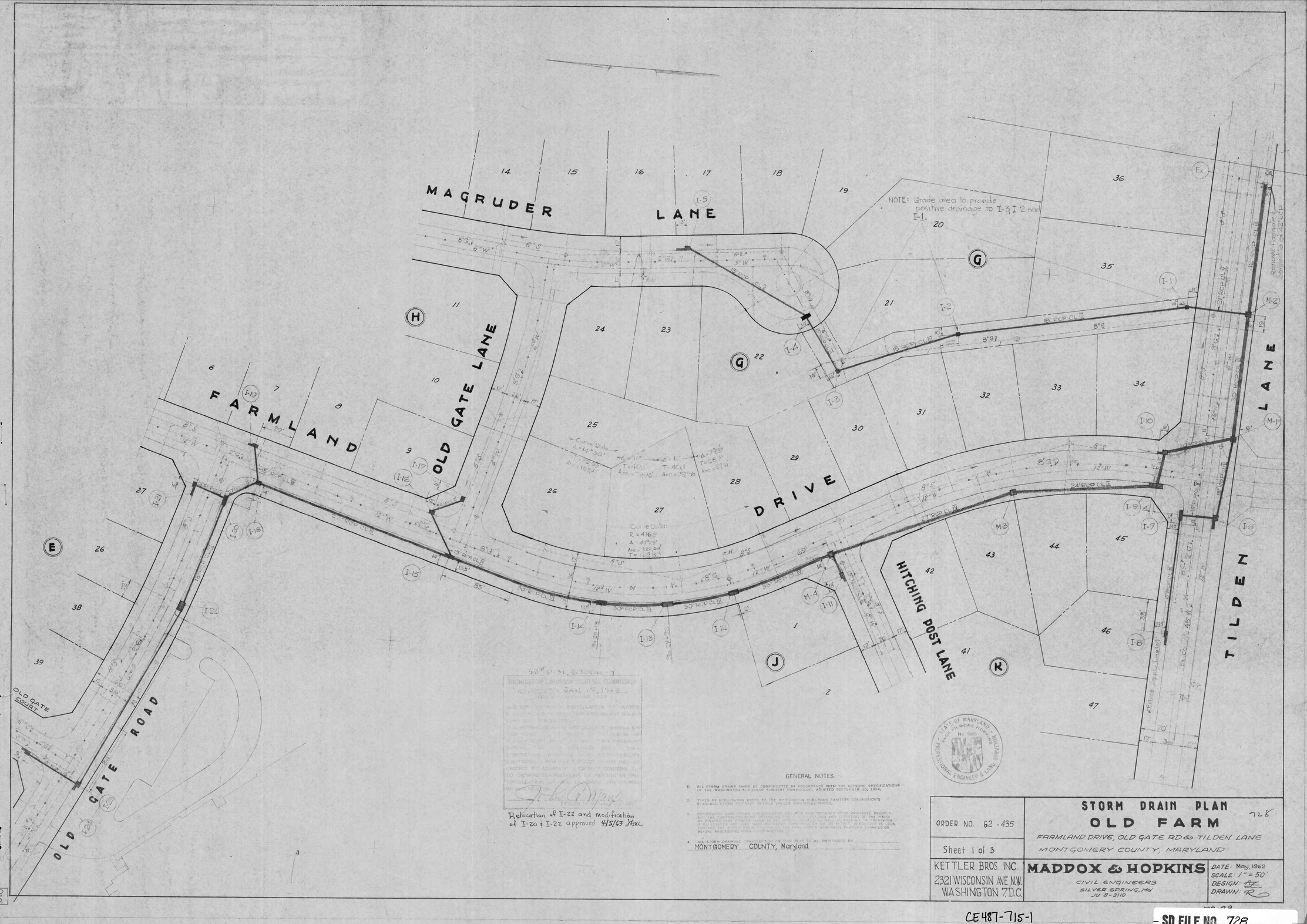

MAGRUDER LANE
FARMLAND DRIVE
OLD GATE LANE
OLD GATE ROAD
OLD GATE COURT
DRIVE
HITCHING POST LANE
TILDEN LANE
NOTE: Grade area to provide positive drainage to I-3, I-2 and I-1.
Remove tapping sleeve, connect to 24" RCP
Curve Data R=416.5 Δ=49°23' Arc=320.64 Tan=169.8
Curve Data Δ=L=30'
T=40.1 Arc=79.8
T=40.1 Arc=79.8
T=28.7 Arc=57.31
Relocation of I-22 and modification of I-20 & I-22 approved 4/5/63 JMK
GENERAL NOTES
1. ALL STORM DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT SPECIFICATIONS OF THE WASHINGTON SUBURBAN SANITARY COMMISSION, ADOPTED SEPTEMBER 30, 1954.
2. TYPES OF STRUCTURES REFER TO THE WASHINGTON SUBURBAN SANITARY COMMISSION'S STANDARD STORM INLET AND MANHOLE DETAILS UNLESS OTHERWISE NOTED.
3. INFORMATION CONCERNING EXISTING UTILITIES HAS BEEN OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST SATISFY HIMSELF AS TO THE LOCATION AND ELEVATION OF THE MAINS BY PROPERLY EXPOSING THEM WELL IN ADVANCE OF THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES AND SHALL REPAIR SUCH DAMAGE AT HIS OWN EXPENSE. NOTIFY THE BUREAU OF UTILITIES OF THE WASHINGTON SUBURBAN SANITARY COMMISSION BEFORE PROCEEDING WITH CONSTRUCTION.
4. ALL STORM DRAINAGE CONSTRUCTION ON THIS PLAT TO BE MAINTAINED BY MONTGOMERY COUNTY, Maryland
STATE OF MARYLAND FILMORE HOPKINS No. 1505 REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR
ORDER NO. 62-435
Sheet 1 of 3
STORM DRAIN PLAN
OLD FARM
728
FARMLAND DRIVE, OLD GATE RD & TILDEN LANE
MONTGOMERY COUNTY, MARYLAND
KETTLER BROS. INC.
2321 WISCONSIN AVE. N.W.
WASHINGTON 7, D.C.
MADDOX & HOPKINS
CIVIL ENGINEERS
SILVER SPRING, Md.
JU 8-3110
DATE: May, 1962
SCALE: 1" = 50'
DESIGN: AZ
DRAWN: RO
SD 5
CE487-715-1
SD FILE NO. 728

OLD GATE COURT
M.N.C.P.&P.C. APPROVED PROFILE NO.7730, 8-1-62

OLD GATE ROAD
M.N.C.P.&P.C. APPROVED PROFILE NO.7732, 8-1-62

OLD GATE LANE
M.N.C.P.&P.C. APPROVED PROFILE NO.7734, 8-1-62

FARMLAND DRIVE
M.N.C.P.&P.C. APPROVED PROFILE NO.7514, 8-1-62

TILDEN LANE
M.N.C.P.&P.C. APPROVED PROFILE NO.6562, 8-13-62

NOTE: Contact Mr.Lee, AD 3.7700, W.S.S.C. System Maintenance Engr. 48 hrs. before excavating in the vicinity of 8"&48"W. mains. Backfill to be made under supervision of W.S.S.C. M & O Division.

S.D. # D-31, 63006-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
JAN 15, 1962
FOR GRADING ONLY
APPROVAL OF WATER INSTALLATION OF WATER AND SEWER MAINS BY WSSC REMAINS WITH THE DESIGNER. THE WATER AND SEWER SYSTEMS SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS SHOWN. ANY CHANGE FROM THIS APPROVED PLAN MUST BE APPROVED BY THE COMMISSION. THE COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OWNERS, OR TO OWNERS EVEN THEMSELVES, BY REASON OF THE INSTALLATION OF THE SEWERAGE STRUCTURES SHOWN HEREON.
Relocation of I-22 approved 4/5/63 JAM

STATE OF MARYLAND - MARK FILLMORE HOPKINS - No 1565 - PROFESSIONAL ENGINEER & LAND SURVEYOR

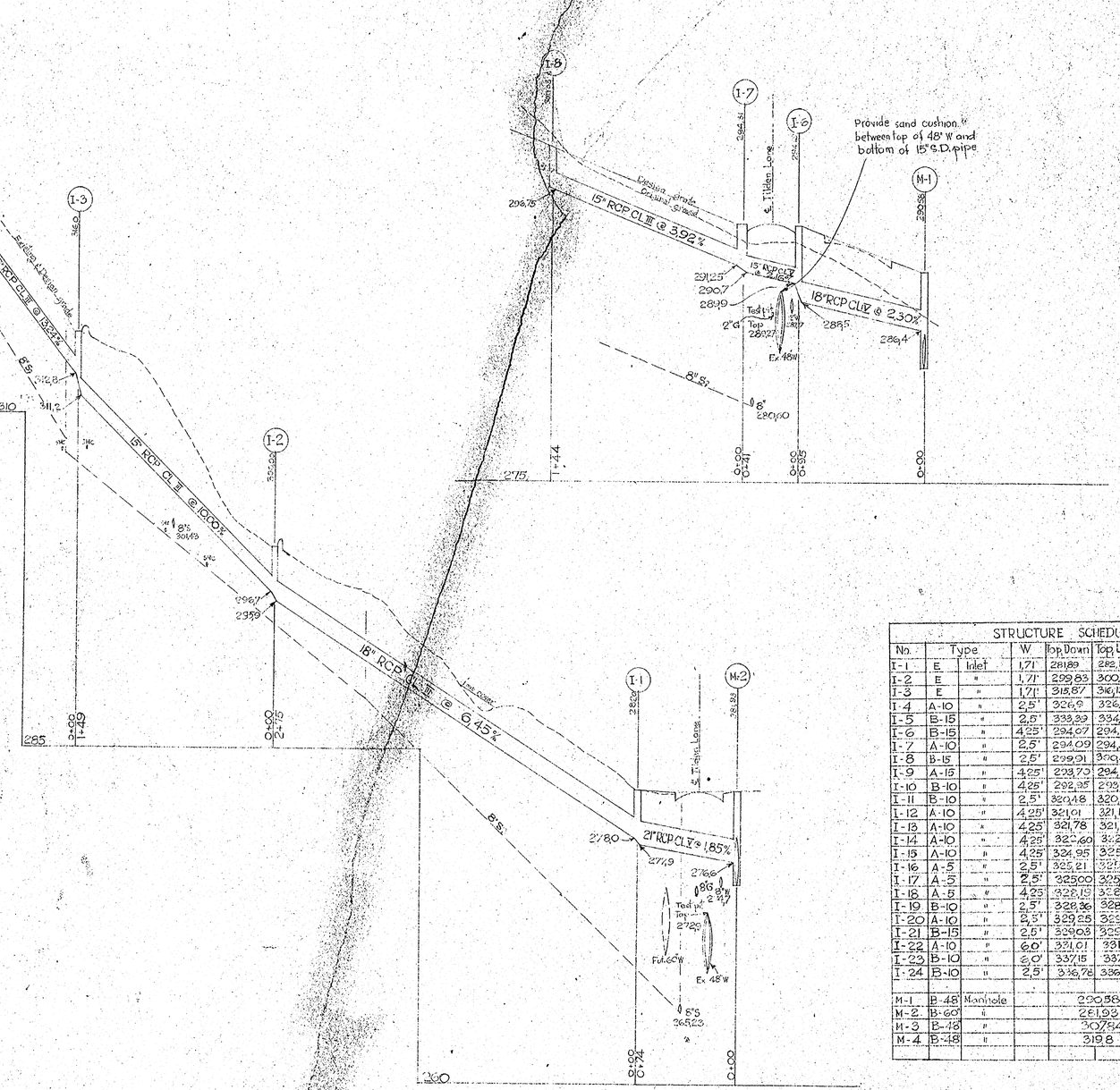
ORDER NO. 62-435	STORM DRAIN PLAN
Sheet 2 of 3	**OLD FARM**
	OLD GATE RD., FARMLAND DR., MAGRUDER LA., TILDEN LA.
	MONTGOMERY COUNTY MARYLAND
KETTLER BROS. INC.	MADDOX & HOPKINS
2321 WISCONSIN AVE. N.W.	CIVIL ENGINEERS
WASHINGTON 7, D.C.	SILVER SPRING, Md.
	Scale: 1"=50'
	Date: November 18, 1962.
	Design: A.Zägeris
	Drawn: T.Rinkis.

CE487-715-2

SD FILE NO. 728

728

Maryland State Archives



STRUCTURE SCHEDULE							PIPE SCHEDULE			
No.	Type		W	Top Down	Top Up	Remarks	Dia.	Line	Lgth	TYPE
I-1	E	Inlet	1.71'	281.89	282.11	S.R.C. detail with grate				
I-2	E	"	1.71'	299.83	300.17	" " " "	15"		628'	RCP CL III
I-3	E	"	1.71'	315.87	316.13	" " " "				
I-4	A-10	"	2.5'	326.9	326.9	W.S.S.C. Standard	15"		181'	RCP CL IV
I-5	B-15	"	2.5'	333.33	334.05	" "				
I-6	B-15	"	4.25'	294.07	294.71	" "	15"		197'	RCP CL V
I-7	A-10	"	2.5'	294.09	294.53	" "				
I-8	B-15	"	2.5'	299.01	300.55	" "	18"		308'	RCP CL III
I-9	A-15	"	4.25'	293.73	294.18	" "				
I-10	B-10	"	4.25'	292.35	293.43	" "	18"		118'	RCP CL IV
I-11	B-10	"	2.5'	320.48	320.88	" "				
I-12	A-10	"	4.25'	321.01	321.11	" "	21"	I-11 to M-2	70'	RCP CL V
I-13	A-10	"	4.25'	321.78	321.88	" "				
I-14	A-10	"	4.25'	322.60	322.74	" "	24"	M-2 to I-9	164'	RCP CL III
I-15	A-10	"	4.25'	324.95	325.09	" "				
I-16	A-5	"	2.5'	325.21	325.29	" "	27"		272'	RCP CL III
I-17	A-5	"	2.5'	325.00	325.08	" "				
I-18	A-5	"	4.25'	328.15	328.27	" "	27"	M-11 to M-3	225'	RCP CL IV
I-19	B-10	"	2.5'	328.36	328.44	" "				
I-20	A-10	"	2.5'	329.28	329.41	" "	27"	I-9 to I-10	38'	RCP CL V
I-21	B-15	"	2.5'	329.03	329.11	" "				
I-22	A-10	"	6.0'	331.01	331.17	" "	30"		466'	RCP CL III
I-23	B-10	"	6.0'	337.15	337.52	" "				
I-24	B-10	"	2.5'	336.76	336.89	" "	30"	I-10 to M-1	79'	RCP CL V
M-1	B-48	Manhole		290.38		" "	33"	I-12 to M-4	119'	RCP CL IV
M-2	B-60	"		281.93		" "				
M-3	B-48	"		307.84		" "	42"	M-2 to M-4	155'	RCP CL III
M-4	B-48	"		319.8		" "				

SD # D-31, 63006-Y

WASHINGTON SUBURBAN SANITARY COMMISSION

APPROVED JAN. 15, 1963

FOR STORM DRAINS ONLY

SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND APPROVAL 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 THE 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

Modification of I-20 & I-22 approved 4/5/63 JHm

STATE OF MARYLAND - PAUL FILMORE HOPKINS - No. 1565 - PROFESSIONAL ENGINEER & LAND SURVEYOR

ORDER NO. 62-435

Sheet 3 of 3

KETTLER BROS. INC.
2321 WISCONSIN AVE. N.W.
WASHINGTON 7, D.C.

STORM DRAIN PLAN
OLD FARM
OLD GATE RD., FARMLAND DR., MAGRUDER LA., TILDEN LA.
MONTGOMERY COUNTY MARYLAND

MADDOX & HOPKINS
CIVIL ENGINEERS
SILVER SPRING, Md.

Scale: As shown
Date: November 19, 1962
Design: A. Zaferi
Drawn: T. Rimes

CE487-715-3

P3-28

SD FILE NO. 728