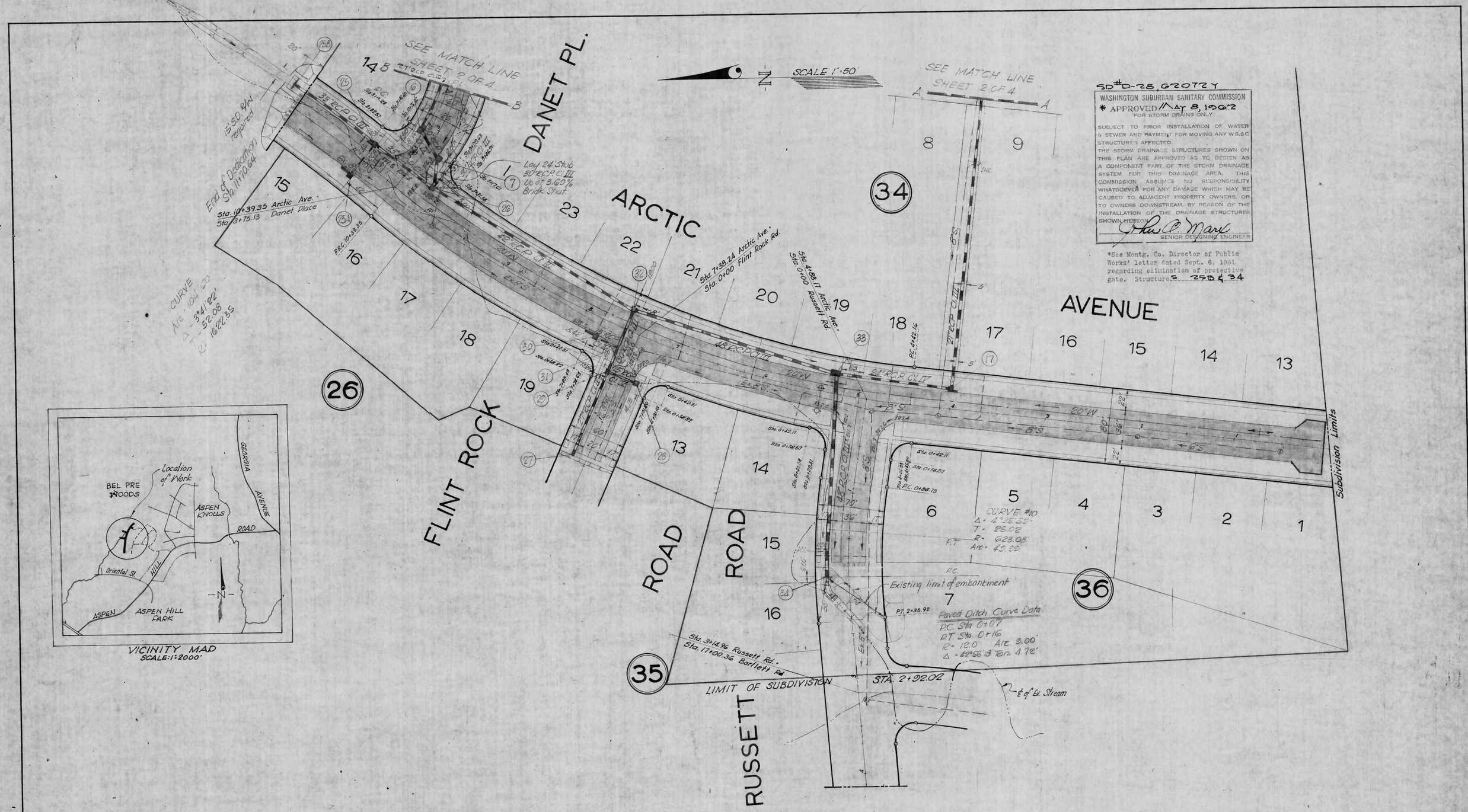


SD#D-28, 62072Y

WASHINGTON SUBURBAN SANITARY COMMISSION

* APPROVED MAY 8, 1962

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.

John P. Marx
SENIOR DESIGNING ENGINEER

*See Montg. Co. Director of Public Works' letter dated Sept. 6, 1961 regarding elimination of protective gate. Structures 25B & 34

669

Owner: L.G. Meltzer & Assoc.
1012-14th St. N.W.
Wash. D.C.

	WATER	SEWER
AUTHOR.		
PROJECT		
PART		
JOB NO.		

WAYNE C. GREATHOUSE & ASSOC.
ENGINEERS & LAND SURVEYORS
2311 UNIVERSITY BLVD. WEST
WHEATON, MARYLAND

GLENMONT DISTRICT
STORM DRAIN
RENN ST., ARCTIC AVE., FLINT ROCK RD., RUSSETT RD.
BEL PRE WOODS

DRAWING NO. 1 OF 4

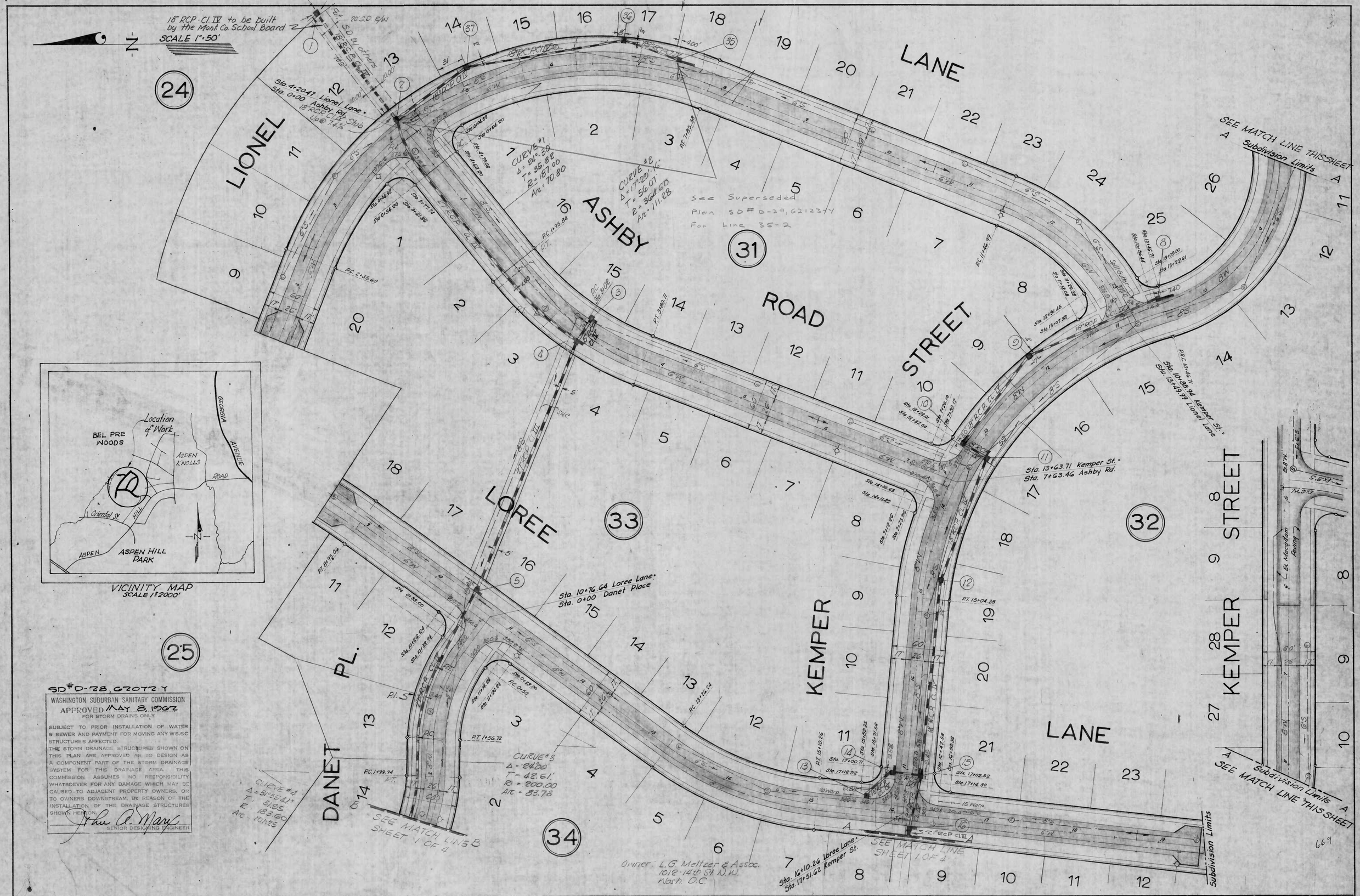
SCALE AS SHOWN

218NW4&5

DRAWN
TRACED
CHECKED
EXAMINED
STARTED

CE487-658-1

SD FILE NO. 669



SD# D-28, 62072 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED MAY 8, 1962
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John A. Marx
SENIOR DESIGNING ENGINEER

DRAWN				WATER	SEWER	WAYNE C. GREATHOUSE & ASSOC. ENGINEERS & LAND SURVEYORS 2311 UNIVERSITY BLVD. WEST WHEATON, MARYLAND	GLENMONT DISTRICT STORM DRAIN KEMPER ST., LIONEL LA., ASHBY RD., DANET PL., LOREE LA. BEL PRE WOODS
TRACED			AUTHOR.				
CHECKED			PROJECT				
EXAMINED			PART				
STARTED			JOB NO.				

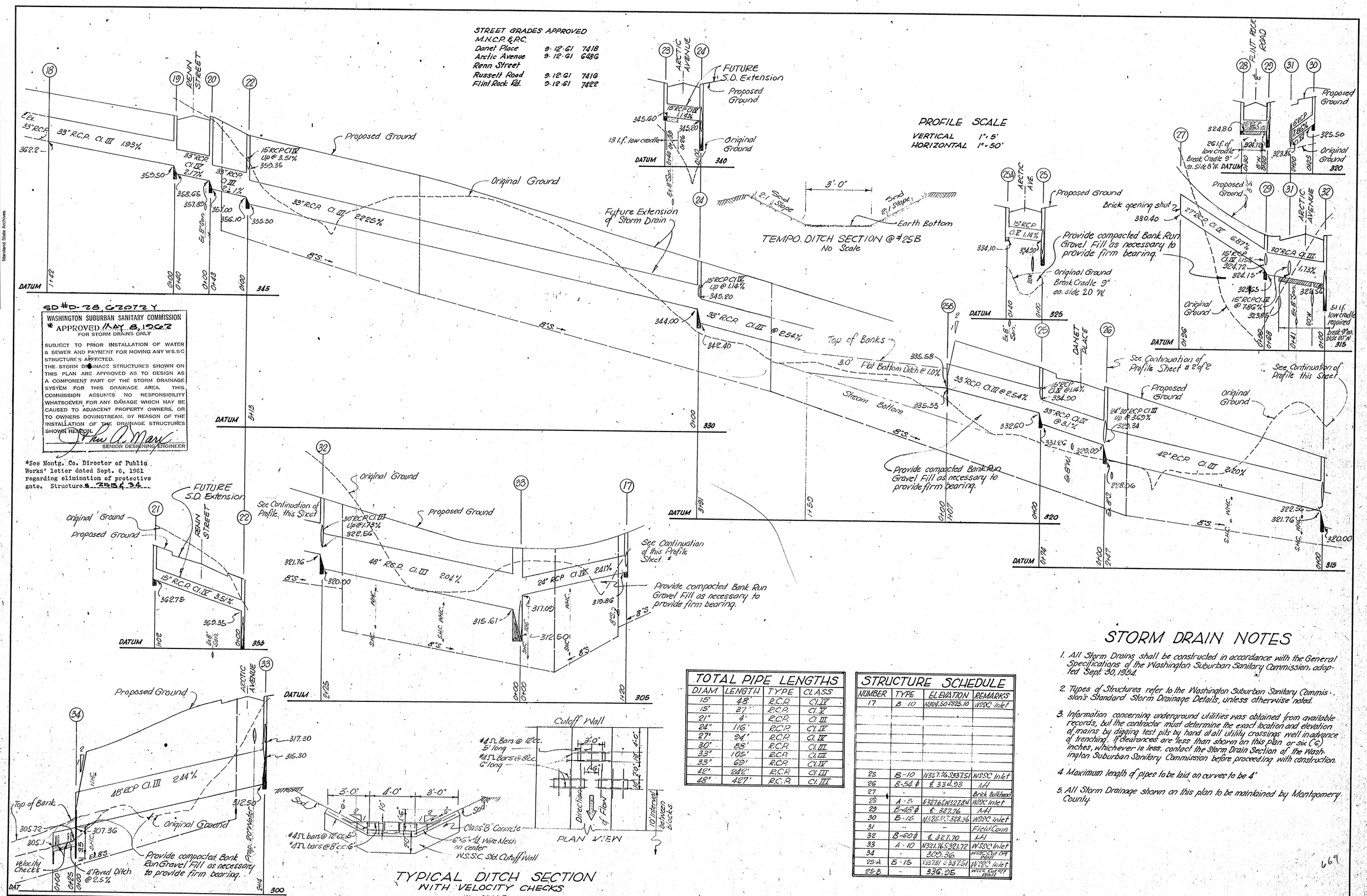
DRAWING NO. 2 OF 4

SCALE AS SHOWN

218 NW 4&5

SD FILE NO. 669

CE 487-658-2



SD #D-28, 62072 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
* APPROVED MAY 8, 1962
FOR STORM DRAINS ONLY

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SENIOR DESIGNING ENGINEER

*See Montg. Co. Director of Public Works' letter dated Sept. 6, 1961 regarding elimination of protective gate. Structures 25B & 34

STORM DRAIN NOTES

1. All Storm Drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted Sept. 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 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. Maximum length of pipes to be laid on curves to be 4'
5. All Storm Drainage shown on this plan to be maintained by Montgomery County.

TOTAL PIPE LENGTHS

DIAM	LENGTH	TYPE	CLASS
15"	48'	R.C.P.	Cl. IV
15"	37'	R.C.P.	Cl. V
21"	4'	R.C.P.	Cl. III
24"	116'	R.C.P.	Cl. IV
27"	94'	R.C.P.	Cl. IV
30"	88'	R.C.P.	Cl. III
33"	105'	R.C.P.	Cl. III
33"	69'	R.C.P.	Cl. IV
42"	242'	R.C.P.	Cl. III
48"	427'	R.C.P.	Cl. III

STRUCTURE SCHEDULE

NUMBER	TYPE	ELEVATION	REMARKS
17	B-10	N324.50 S325.10	WSSC Inlet
25	B-10	N337.36 S337.51	WSSC Inlet
26	B-54 ϕ	℄ 334.93	MH
27	-	-	Brick Bulkhead
28	A-5	E327.65 W327.84	WSSC Inlet
29	B-48 ϕ	℄ 327.76	MH
30	B-15	N328.81 S328.36	WSSC Inlet
31	-	-	Field Conn
32	B-60 ϕ	℄ 327.70	MH
33	A-10	N321.76 S321.72	WSSC Inlet
34	-	309.36	WSSC Cut Off Wall
25-A	B-15	N337.81 S337.51	WSSC Inlet
25-B	-	336.95	WSSC Cut Off Wall

TYPICAL DITCH SECTION
WITH VELOCITY CHECKS
NO SCALE

669

DRAWN			
TRACED			
CHECKED			
EXAMINED			
STARTED			

	WATER	SEWER
AUTHOR.		
PROJECT		
PART		
JOB NO.		

WAYNE C. GREATHOUSE & ASSOC.
ENGINEERS & LAND SURVEYORS
2311 UNIVERSITY BLVD. WEST
WHEATON, MARYLAND

GLENMONT DISTRICT
STORM DRAIN
RENN ST., ARCTIC AVE., FLINT ROCK RD., RUSSETT RD.
BEL PRE WOODS

DRAWING NO. 3 OF 4

SCALE AS SHOWN

218NW425

CE487-658-3

SD FILE NO. 669

PROFILE SCALE
VERTICAL 1"=5'
HORIZONTAL 1"=50'

30#D-78,072072Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED MAY 8,1978.
FOR STORM DRAINS ONLY

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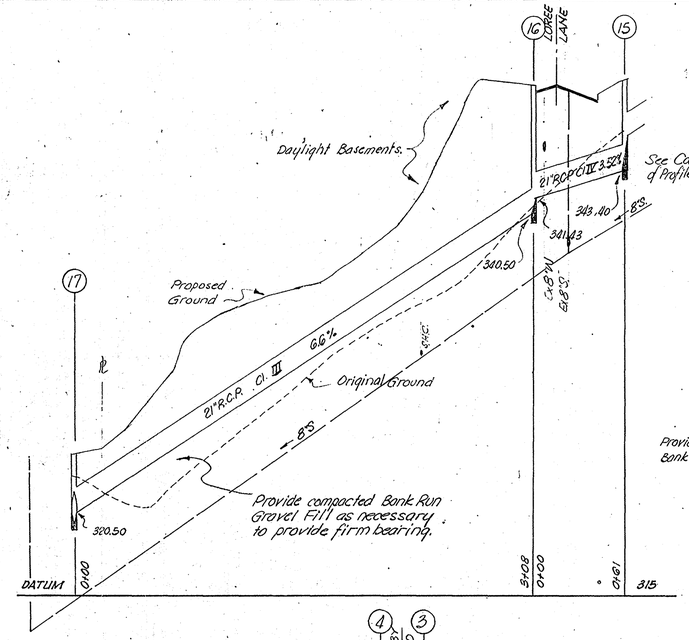
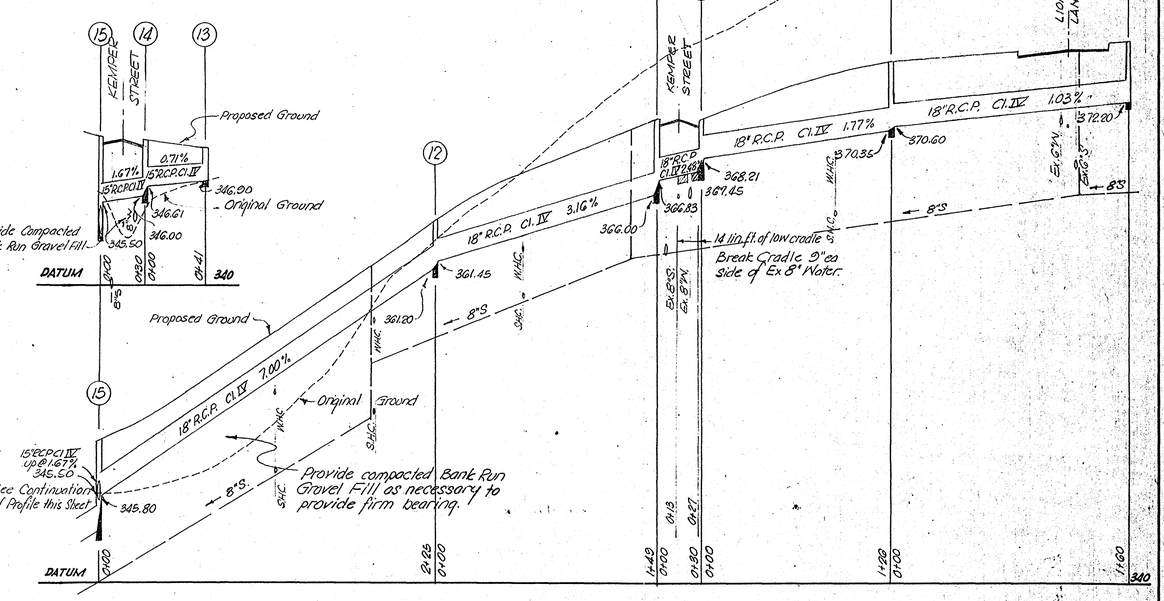
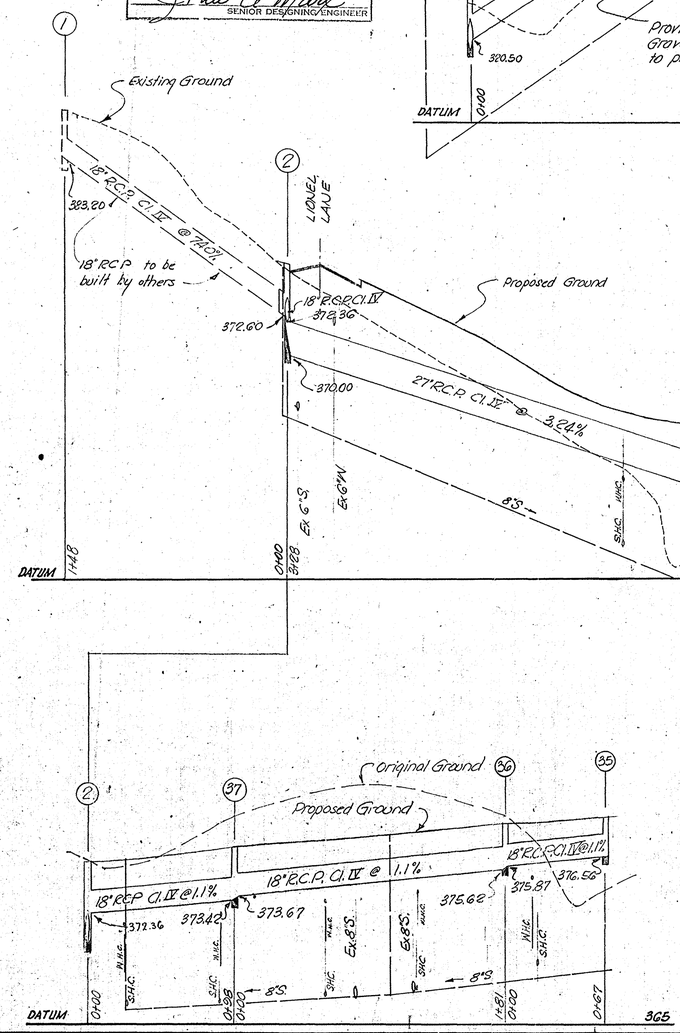
Paul A. Mark
SENIOR DESIGNING ENGINEER

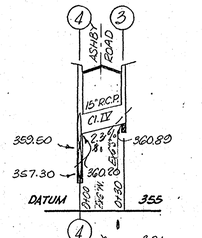
STREET GRADES APPROVED
M.N.C.P.&P.C.

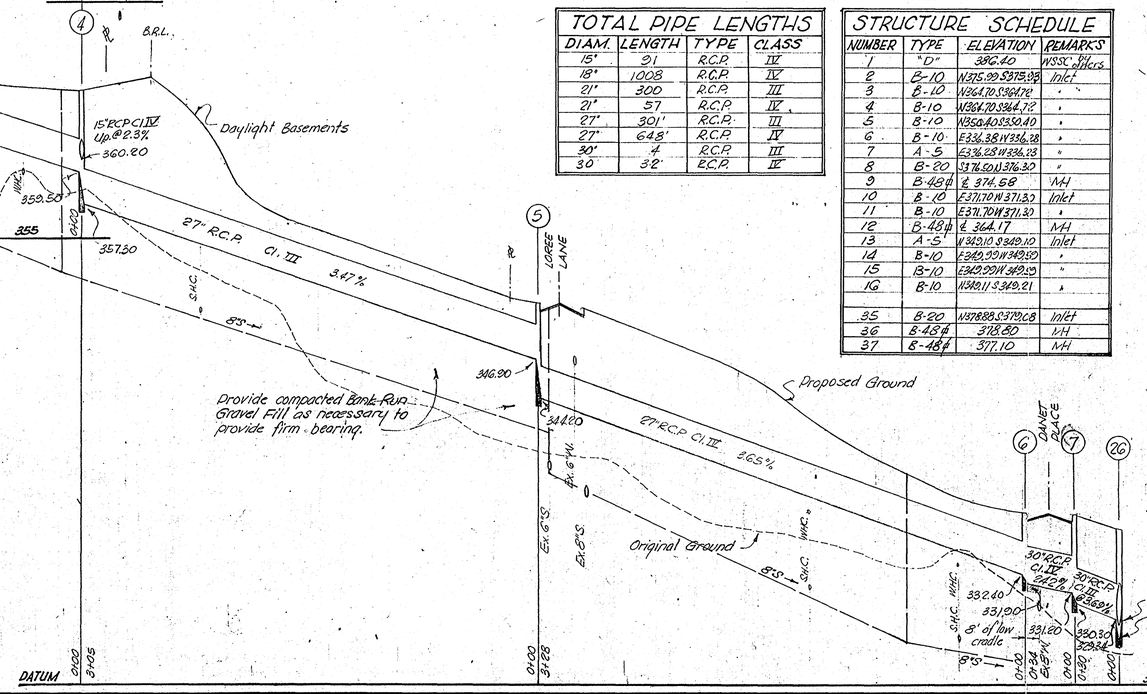
Lionel Lane	9-12-61	7424
Ashby Road	9-12-61	7420
Kemper Street	9-12-61	4906
Loree Lane	9-12-61	7426
Danet Place	9-12-61	7418











TOTAL PIPE LENGTHS

DIAM.	LENGTH	TYPE	CLASS
15"	91	R.C.P.	IV
18"	1008	R.C.P.	IV
21"	300	R.C.P.	III
21"	57	R.C.P.	IV
27"	301'	R.C.P.	III
27"	648'	R.C.P.	IV
30"	4	R.C.P.	III
30	32'	E.C.P.	IV

STRUCTURE SCHEDULE

NUMBER	TYPE	ELEVATION	REMARKS
1	"D"	386.40	WSSC to affect
2	B-10	N375.99 S373.99	Inlet
3	B-10	N364.70 S364.72	"
4	B-10	N364.70 S344.72	"
5	B-10	N350.40 S330.40	"
6	B-10	E334.38 W334.38	"
7	A-5	E336.28 W336.28	"
8	B-20	S376.20 W376.20	"
9	B-48 ϕ	℄ 374.68	MH
10	B-10	E371.70 W371.20	Inlet
11	B-10	E371.70 W371.20	"
12	B-48 ϕ	℄ 364.17	MH
13	A-5	W342.10 S342.10	Inlet
14	B-10	E342.20 W342.20	"
15	B-10	E342.20 W342.20	"
16	B-10	N342.11 S342.21	"
35	B-20	N378.88 S379.08	Inlet
36	B-48 ϕ	378.80	MH
37	B-48 ϕ	377.10	MH

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669

	WATER	SEWER
AUTHOR		
PROJECT		
PART		
JOB NO.		

DRAWN
TRACED
CHECKED
EXAMINED
STARTED

E-11 6-80 SC

WAYNE C. GREATHOUSE & ASSOC.
ENGINEERS & LAND SURVEYORS
2311 UNIVERSITY BLVD. WEST
WHEATON, MARYLAND

GLENMONT DISTRICT
STORM DRAIN
KEMPER ST, LIONEL LA., ASHBY RD, DANET PL., LOREE LA
BEL PRE WOODS

DRAWING NO. 4 OF 4
SCALE AS SHOWN
218 NW 465

CE 487-658-4

SD FILE NO. 669

"PHOENIX" No. 166 K & E CO., N.Y.