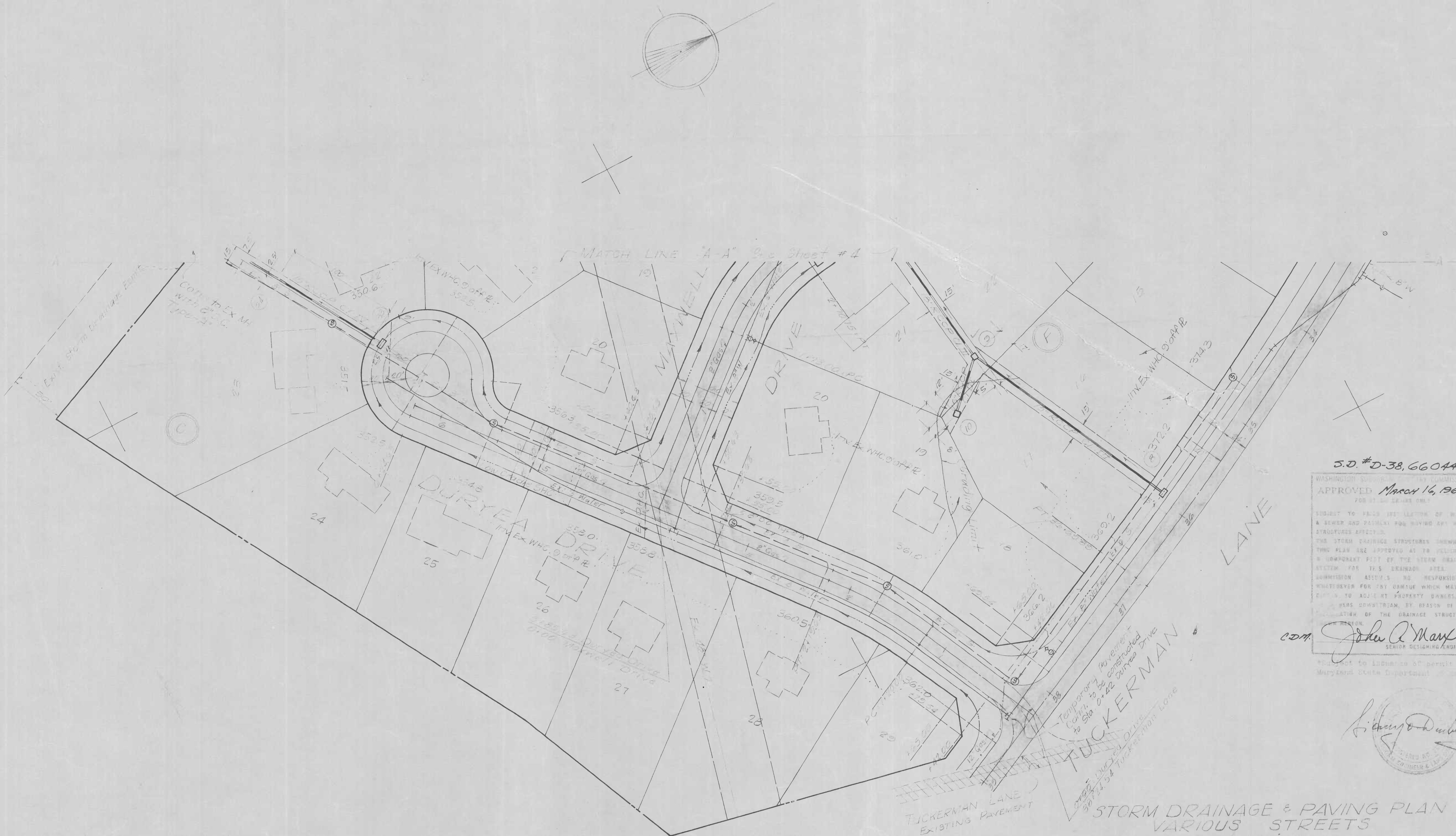


S.D. #D-38, 66044Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED *March 16, 1966*
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY WSSC 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 [illegible] TO ADJACENT PROPERTY OWNERS, OR [illegible] OWNERS DOWNSTREAM, BY REASON OF THE [illegible] OF THE DRAINAGE STRUCTURES SHOWN HEREON.
C.D.M. *John A. Marx*
SENIOR DESIGNING ENGINEER
*Subject to issuance of permit by Maryland State Department [illegible]

Sidney O. Dewberry (seal)

971

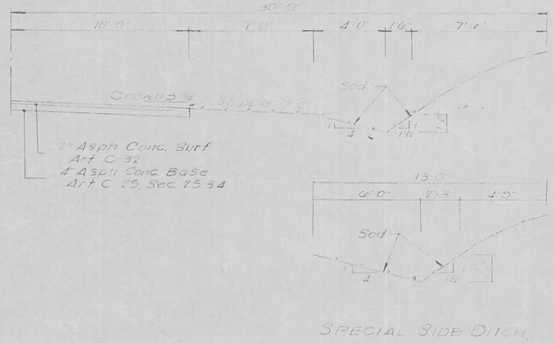
OWNER
Blowen Company
5602 Albia Rd.
Bethesda Md.
365-8343

STORM DRAINAGE & PAVING PLAN
VARIOUS STREETS
OLDFIELD
10th ELECTION DISTRICT
MONTGOMERY COUNTY MARYLAND
Scale 1" = 50'   January, 1966

GREENHORNE O'MARA, DEWBERRY & NEALON
CIVIL ENGINEERS & LAND SURVEYORS
8411 ARLINGTON BLVD. FAIRFAX, VIRGINIA
Sheet 2 of 6

CE487-954-1

SD FILE NO. 971



SPECIAL SIDE DITCH

HALF PAVING SECTION
Scale 1"=4'

S.D. #D-38, 66044 Y

APPROVED March 16, 1966
FOR STORM DRAINAGE ONLY

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C.P.M. John A. Marx
SENIOR DESIGNING ENGINEER

OWNER
Blowen Company
5602 Albia Rd
Bethesda Md
365-8343

STORM DRAINAGE & PAVING PLAN
VARIOUS STREETS
OLDFIELD
10th ELECTION DISTRICT
MONTGOMERY COUNTY MARYLAND
Scale: JANUARY, 1966

GREENHORNE, O'MARA, DEWBERRY & NEALON
CIVIL ENGINEERS & LAND SURVEYORS
8411 ARLINGTON BLVD. FAIRFAX, VIRGINIA
Sheet 3 of 8

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SD FILE NO. 971

BENCH MARKS

B.M.#1 EL 36530
N & W IN 10" HICKORY, LOT 20, BLK. F

B.M.#2 EL 35782
N & W IN 12" POPLAR, LOT 23, BLK. C

B.M.#4 EL 34994
N & W IN 15" OAK, LOT 18, BLK C

B.M.#5 EL 35423
N & W IN 15" OAK, LOT 27, BLK. F

B.M.#6 EL 35399
N & W IN 8" TWIN SYC. REAR LOT 14, BLK A

B.M.#7 EL 35473
BONNET BOLT ON F.H. ℄ STA 6+95, SHAD LANE

B.M.#8 EL 33184
N & W IN 12" OAK, 75' ± RT ℄ STA 0+75, TOULONE DR.

B.M.#9 EL 36770
N & W IN 20" OAK, 75' ± RT ℄ STA 13+00, TOULONE DR.

B.M.#10 EL 36557
N & W IN PEP #623495, 75' LT ℄ STA 17+64, TOULONE DR.

B.M.#11 EL 37489
N & W IN PEP #623494 INT. OF TUCKERMAN LANE & JUDY PL.

B.M. EL 34937
□ CUT IN CONC. PILLAR INT. OF TUCKERMAN LA. & COLDSTREAM DR.

B.M. EL 39225
N & W IN PEP #650013 ON POSTOAK RD. 300' ± N. TUCKERMAN LA.

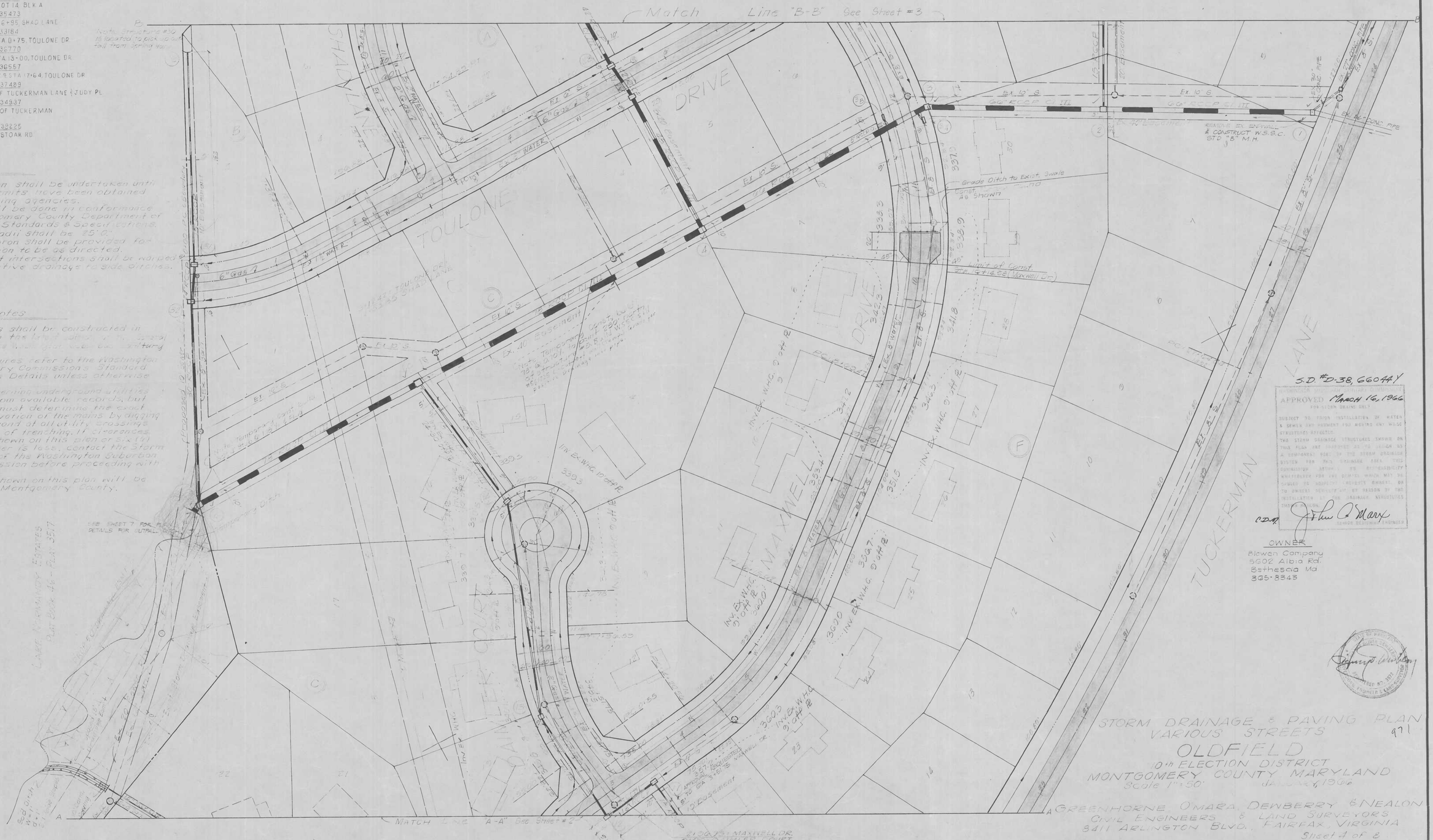
Note: B.M.'S are in W.S.S.C. Datum

Paving Notes

1. No construction shall be undertaken until the proper permits have been obtained from supervising agencies.
2. All work shall be done in conformance with the Montgomery County Department of Public Works Standards & Specifications.
3. Paving fillet radii shall be 25'0".
4. One driveway apron shall be provided for each lot. Location to be as directed.
5. Fillet paving at intersections shall be warped to assure positive drainage to side ditches.

Storm Drain Notes

1. All storm drains shall be constructed in accordance with the latest edition of the Central Specifications of the Washington Suburban Sanitary Commission.
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. Storm drains shown on this plan will be maintained by Montgomery County.



S.D. #D-38, 66044Y

APPROVED March 16, 1966
FOR STORM DRAINS ONLY

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C.D.M. John C. Marx
SENIOR DESIGN ENGINEER

OWNER
Blowen Company
5602 Albia Rd.
Bethesda Md.
365-8343

STORM DRAINAGE & PAVING PLAN
VARIOUS STREETS
971
OLDFIELD
10th ELECTION DISTRICT
MONTGOMERY COUNTY MARYLAND
Scale 1" = 50' January, 1966

GREENHORNE, O'MARA, DEWBERRY & NEALON
CIVIL ENGINEERS & LAND SURVEYORS
3411 ARLINGTON BLVD., FAIRFAX, VIRGINIA
Sheet 4 of 8

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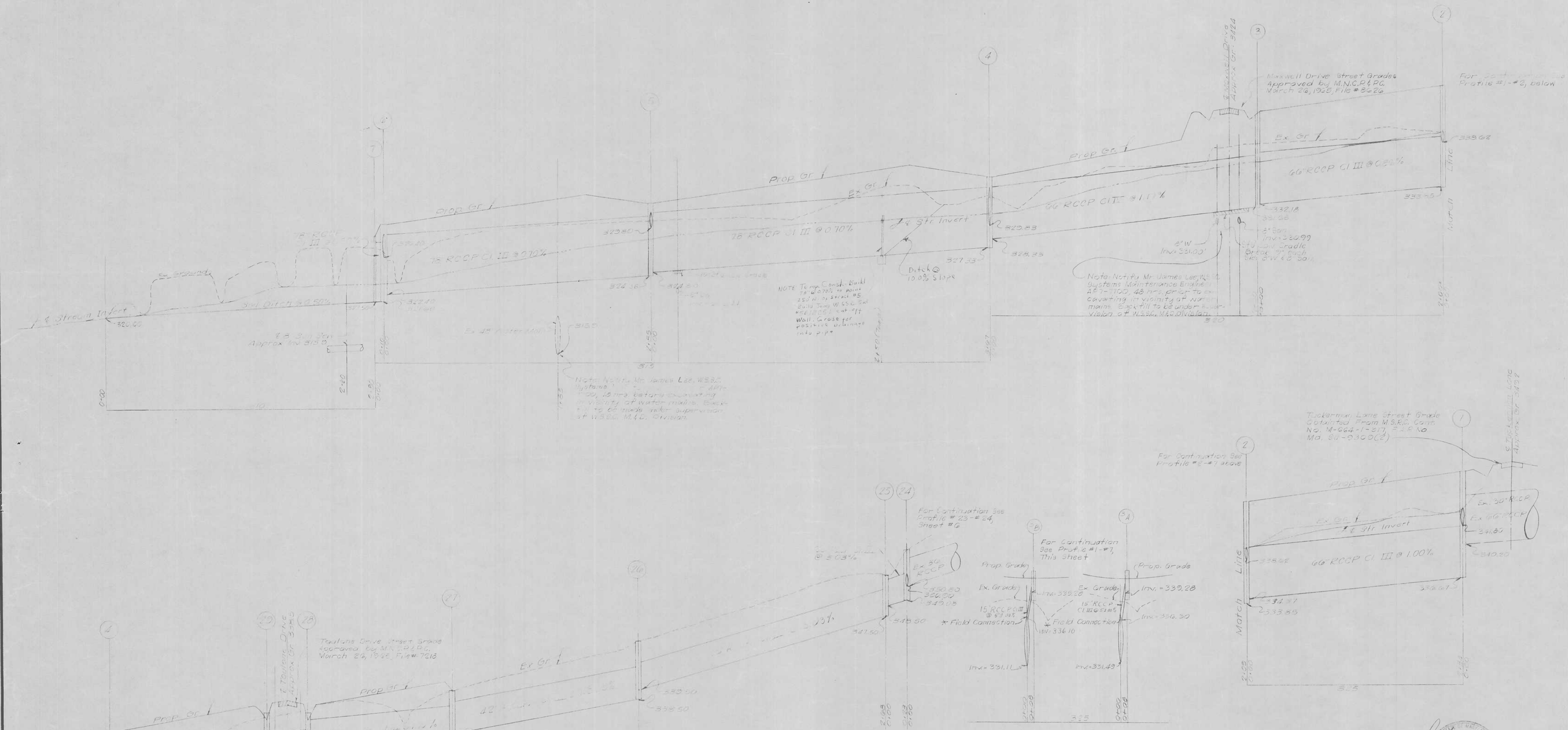
SD FILE NO. 971



*SEE WSSC STD #56124 L - FOR STANDARD FIELD CONNECTION DETAIL

S.D. #D-38, 66044 V

APPROVED March 16, 1966
FOR STORM DRAINS ONLY

SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAVEMENT FOR MOVING ANY HIGH STRUCTURES EXPECTED.

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. THE COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ABUTTING PROPERTY OWNERS, OR TO PROVIDE COMPENSATION, BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.

C.D.M.

SENIOR DESIGNER ENGINEER

STORM DRAINAGE & PAVING PLAN
VARIOUS STREETS
971

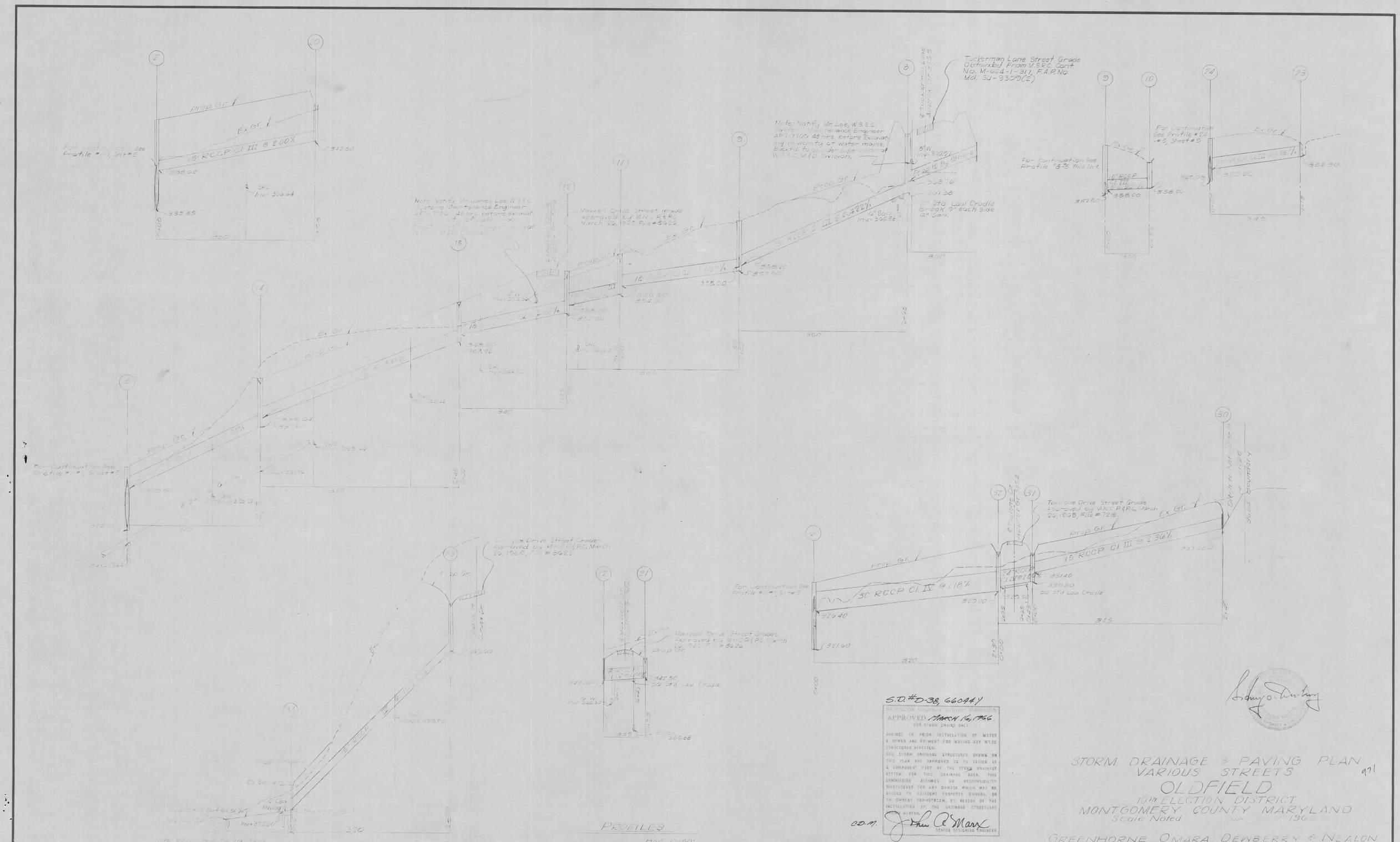
OLDFIELD

10TH ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND
Scale: Noted
J[illegible] 6, 196[illegible]

GREENHORNE, O'MARA, DENBERRY & NEALON
CIVIL ENGINEERS & LAND SURVEYORS
3411 ARLINGTON BLVD. FAIRFAX, VIRGINIA
Sheet 5 of 6

CE487-954-4

SD FILE NO. 971



S.D. #D-38, 66044)

WASHINGTON SUBURBAN SANITARY COMMISSION

APPROVED MARCH 16, 1966

FOR STORM DRAINS ONLY

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O.D.M. John C. Marx
SENIOR DESIGNING ENGINEER

PROFILES

Scale: Hor. 1"=50'
Ver. 1"=5'

STORM DRAINAGE & PAVING PLAN
VARIOUS STREETS
OLDFIELD
10th ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND
Scale Noted JAN. 1963

GREENHORNE, OMARA, DEWBERRY & NEALON
CIVIL ENGINEERS & LAND SURVEYORS
8411 ARLINGTON BLVD. FAIRFAX, VIRGINIA
Sheet 6 of 8

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PP-1755

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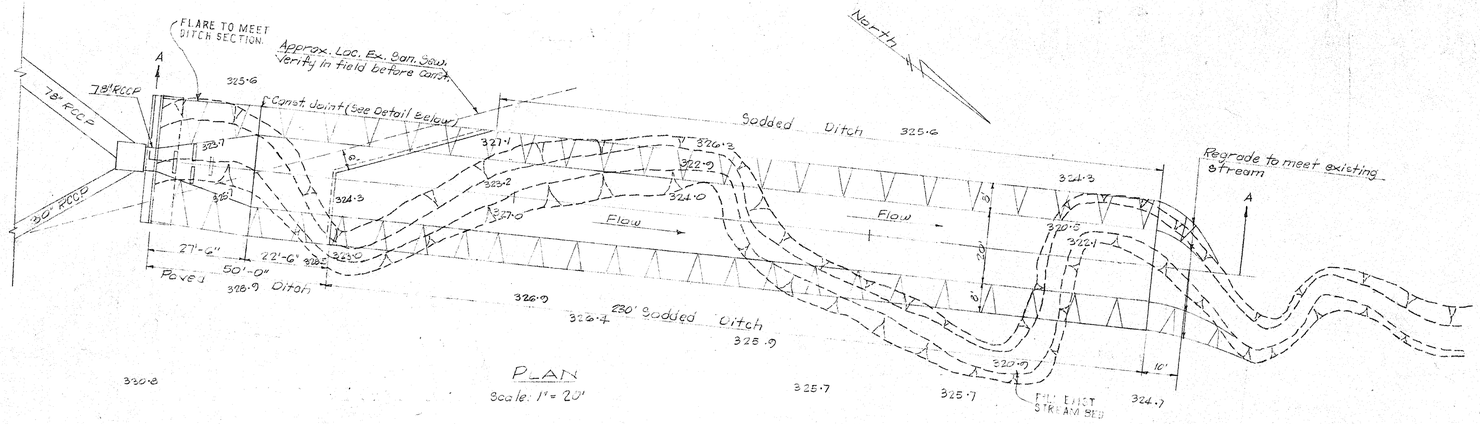
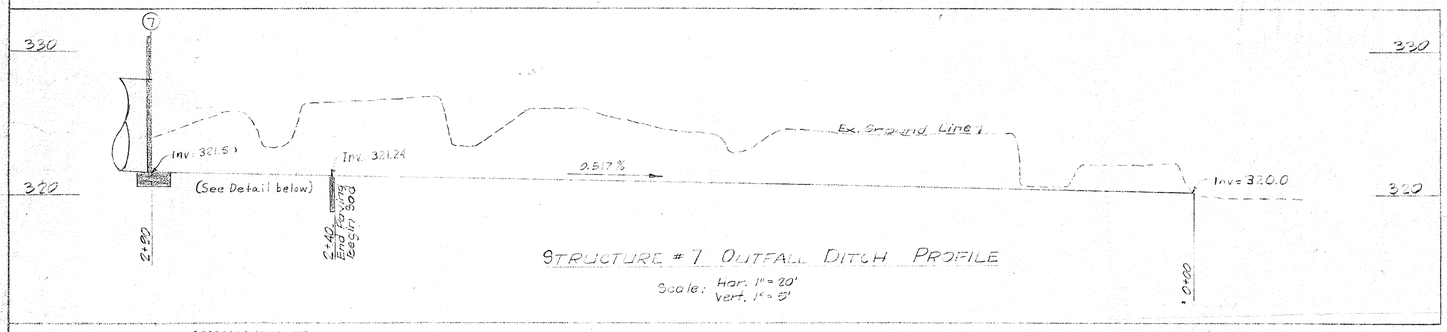
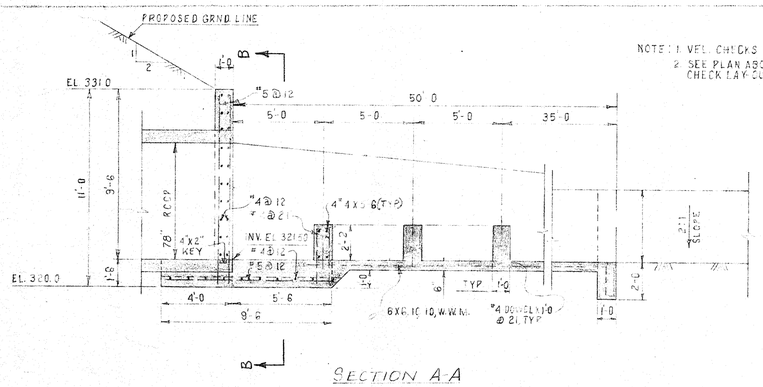


PLAN
Scale: 1" = 20'

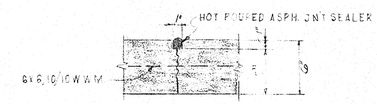


STRUCTURE #7 OUTFALL DITCH PROFILE
Scale: Hor. 1" = 20'
Vert. 1" = 5'



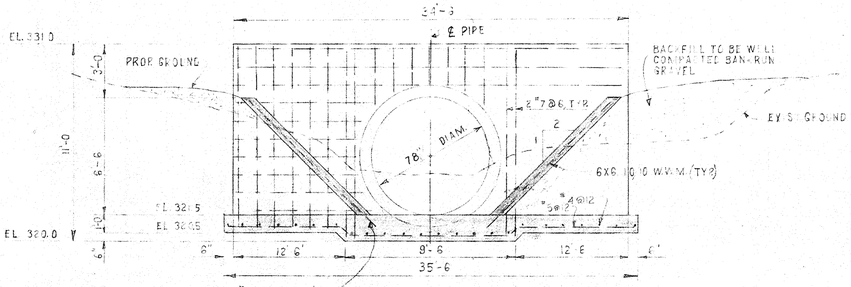
SECTION A-A
Scale: 1/4" = 1'

NOTE: 1. VEL. CHECKS TO BE L=5'-0, W=1'-0, h=2'-3.
2. SEE PLAN ABOVE FOR VELOCITY CHECK LAY-OUT.



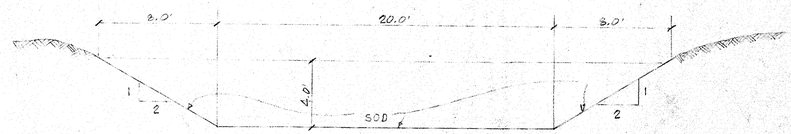
CONST. JOINT DETAIL
Scale: 1 1/2" = 1'

NOTE: ALL CONC SHALL BE CLASS "A" RENTRAINED.



SECTION B-B
Scale: 1/4" = 1'

NOTE: 1. FOR REINF. DETAILS NOT SHOWN SEE DETAIL "A-A"



TYPICAL DITCH SECTION
(NOT TO SCALE)

STRUCTURE SCHEDULE

No.	Type	Elevation	Remarks
1	B M.H.	342.2 @ Top	W.S.S.C. STD. (72 x 48")
2	Mod. B	343.0 @ Top	W.S.S.C. STD. (72 x 48)
3	B M.H.	342.2 @ Top	W.S.S.C. STD. (72 x 60")
3A	J*	339.28 @ Notch	S.R.C. STD. (15")
4	Mod. B	325.0 @ Top	W.S.S.C. STD. (86 x 60")
5	Mod. B	332.3 @ Top	W.S.S.C. STD. (86 x 60)
6	B M.H.	330.0 @ Top	W.S.S.C. STD. (86 x 60")
7	Spec. Outlet	321.0 @ Top	See Details This Sheet
8	J*	374.57 @ Notch	S.R.C. STD. (15")
9	Mod. B	363.3 @ Top	W.S.S.C. STD. (48" D)
10	E	361.5 @ Top	W.S.S.C. STD. (18")
11	J*	357.83 @ Notch	S.R.C. STD. (18")
12	J*	350.13 @ Notch	S.R.C. STD. (18")
13	J*	352.09 @ Notch	S.R.C. STD. (18")
14	J*	342.70 @ Notch	S.R.C. STD. (18")
20	J*	341.03 @ Notch	S.R.C. STD. (15")
21	J*	344.50 @ Notch	S.R.C. STD. (18")
22	"E" Endwall	344.25 @ Top	S.R.C. STD. (18")
23	"F" Endwall	354.13 @ Top	S.R.C. STD. (18"), Wings @ 45° ∠s
24	E	354.5 @ Top	W.S.S.C. STD. (48" D)
25	Mod. B	352.0 @ Top	W.S.S.C. STD. (48" D)
26	Mod. B	344.2 @ Top	W.S.S.C. STD. (48" D)
27	Mod. B	339.5 @ Top	W.S.S.C. STD. (48" D)
28	J*	336.61 @ Notch	S.R.C. STD. (42")
29	J*	336.23 @ Notch	S.R.C. STD. (42")
30	"F" Endwall	338.82 @ Top	S.R.C. STD. (18"), Wings @ [illegible]
31	J*	332.24 @ Notch	S.R.C. STD. (24")
32	J*	332.59 @ Notch	S.R.C. STD. (24")
33	J*	353.62 @ Notch	S.R.C. STD. (18")
34	Endwall	325.17 @ Top	W.S.S.C. STD. (18")
3B	J*	339.28 @ Notch	S.R.C. STD. (15")

* NOTE: 1. ALL J INLETS TO HAVE GRATES.
2. CHANNEL ALL J INLET INVERTS.
3. PROVIDE STEPS IN CHANNELS OF STRUCTURES INVOLVING PIPES OVER 27" IN DIA.

PIPE SCHEDULE

Type	Gauge	Length
RCCP Cl. III	15"	704'
RCCP Cl. IV	15"	106
RCCP Cl. III	18"	440
RCCP Cl. V	18"	355'
RCCP Cl. IV	24"	90'
RCCP Cl. V	30"	220'
RCCP Cl. III	30	260'
RCCP Cl. III	42"	340
RCCP Cl. IV	42	40'
RCCP Cl. III	48"	160
RCCP Cl. III	66	665
RCCP Cl. IV	66	40
RCCP Cl. III	18"	355'

S.D. #D-38, 660441

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SENIOR DESIGNING ENGINEER

CD-17.

971

STORM DRAINAGE DETAIL

OLDFIELD

10th ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

Scale: Noted JANUARY, 1966

GREENHORNE, O'MARA, DEWBERRY, & NEALON
CIVIL ENGINEERS — LAND SURVEYORS
8411 ARLINGTON BLVD. FAIRFAX, VIRGINIA

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