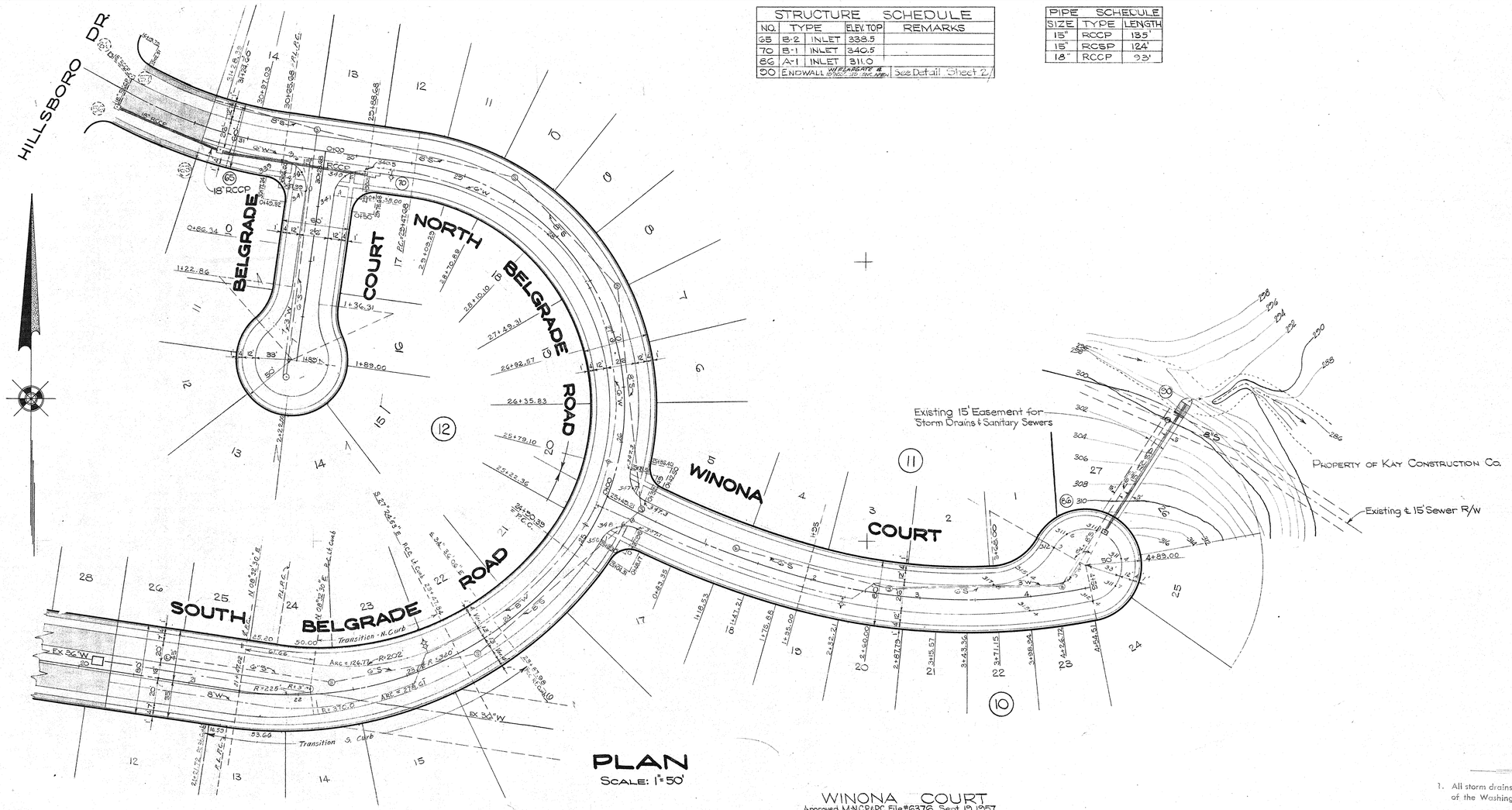
| STRUCTURE SCHEDULE | | | | |
|---|---|---|---|---|
| NO. | TYPE | | ELEV. TOP | REMARKS |
| 65 | B-2 | INLET | 338.5 | |
| 70 | B-1 | INLET | 340.5 | |
| 66 | A-1 | INLET | 311.0 | |
| 90 | ENDWALL | HEADGATE & WINGS TO INC. ABV. | | See Detail Sheet 2 |

| PIPE SCHEDULE | | |
|---|---|---|
| SIZE | TYPE | LENGTH |
| 15" | RCCP | 135' |
| 15" | RCSP | 124' |
| 18" | RCCP | 93' |




## PLAN

Scale: 1" = 50'

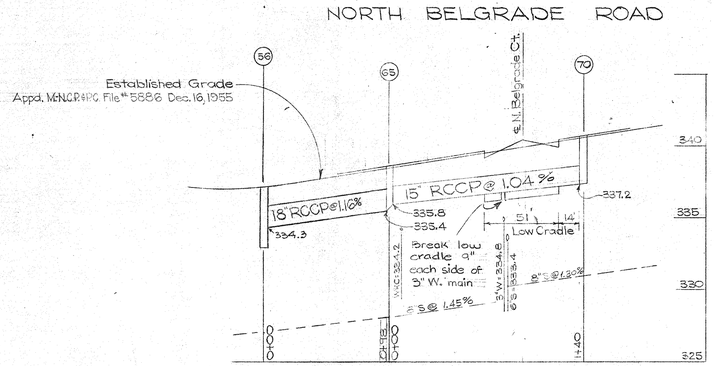
S.D. # D-17, 57155-Y

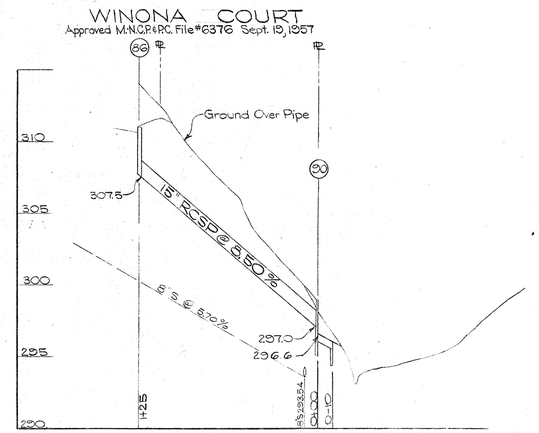
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED December 31-57
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE 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.
James A. Stapp
THE W.S.S.C. CONSTRUCTION INSPECTOR SHALL BE NOTIFIED FOUR DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

## GENERAL NOTES

**FOR STORM DRAIN CONSTRUCTION**

1. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1954.
2. Steps shall be provided in the channels of structures involving pipes larger than 27" in accordance with W.S.S.C. Standard Detail.
3. Types of structures refer to the W.S.S.C. Standard Storm Drainage Details unless otherwise noted.
4. 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.




## PROFILES

Scale: Hor. 1" = 50', Vert. 1" = 5'

DEVELOPER
KAY CONSTRUCTION CO.
1105 Lamberton Drive
Wheaton, Maryland

# PAVING & STORM DRAINS

# KEMP MILL ESTATES II

Montgomery County, Maryland

Scale: As Shown November, 1956

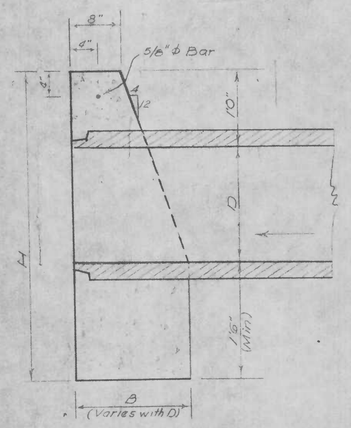

THOMAS G. OYSTER & ASSOCIATES, INC.
2419 REEDIE DRIVE
WHEATON TRIANGLE
SILVER SPRING, MARYLAND
LOCKWOOD 5-1888


Sheet 1 of 2

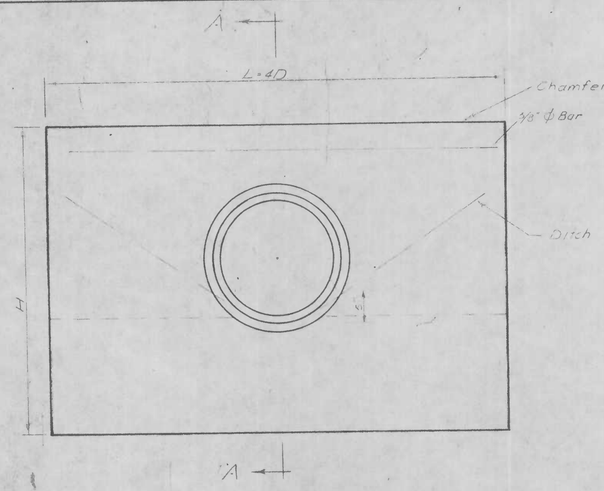
CE487-322-1

SD FILE NO. 326 908-C

Maryland State Archives




SECTION A-A



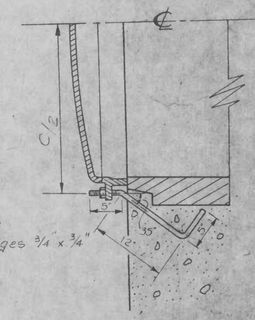

FRONT ELEVATION

STRUCTURE #90

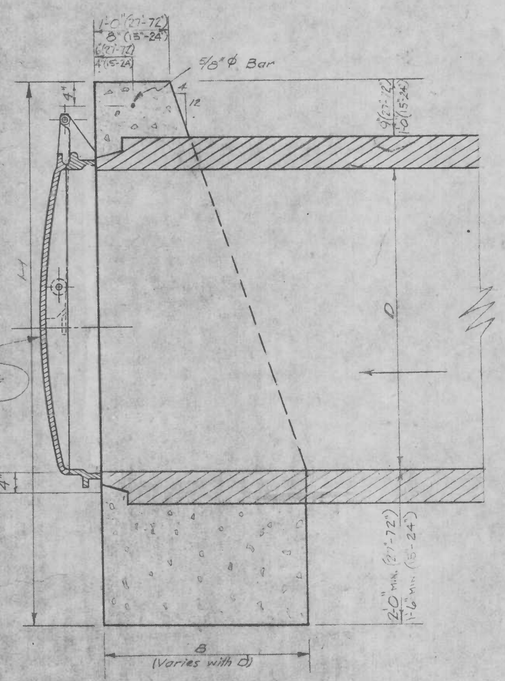
| PIPE SIZE | H | L | B | VOL. of CONC. CU YARDS | C |
|---|---|---|---|---|---|
| 15" | 3'-9" | 5'-0" | 1'-5" | 0.8 | 17 3/4 |
| 18" | 4'-0" | 6'-0" | 1'-6" | 1.0 | 21 1/2 |
| 21" | 4'-3" | 7'-0" | 1'-7" | 1.3 | 24 1/4 |
| 24" | 4'-6" | 8'-0" | 1'-8" | 1.6 | 27 1/2 |
| 27" | 5'-3" | 8'-9" | 2'-1" | 2.6 | 34 |
| 30" | 5'-6" | 9'-6" | 2'-2" | 3.1 | 34 |
| 33" | 5'-9" | 10'-3" | 2'-4" | 3.6 | 40 7/8 |
| 36" | 6'-0" | 11'-0" | 2'-5" | 4.0 | 40 7/8 |
| 42" | 6'-6" | 12'-6" | 2'-7" | 5.2 | 47 |
| 48" | 7'-2" | 14'-0" | 2'-9" | 6.5 | 54 |
| 54" | 7'-9" | 15'-6" | 2'-11" | 8.1 | 62 1/4 |
| 60" | 8'-3" | 17'-0" | 3'-1" | 9.8 | 68 1/2 |
| 66" | 8'-9" | 18'-6" | 3'-3" | 11.7 | 75 |
| 72" | 9'-4" | 20'-0" | 3'-6" | 14.0 | 82 |
| 12" | 3'-6" | 4'-0" | 1'-4" | 0.6 | — |

QUANTITIES

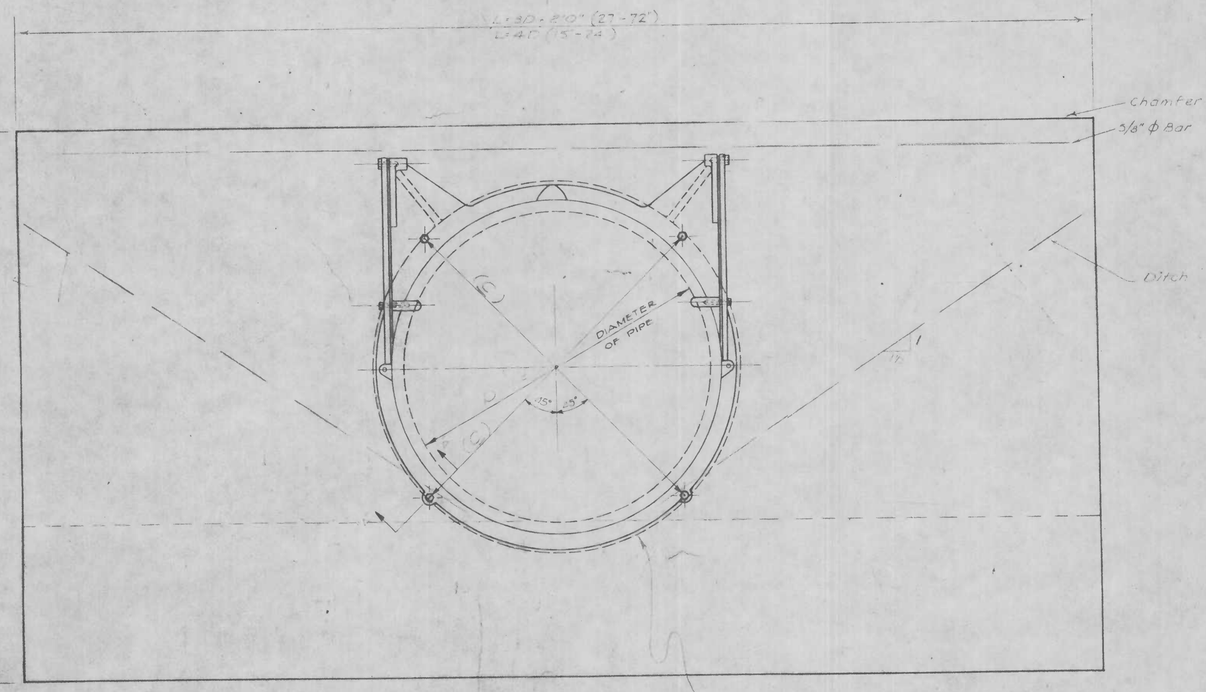
FOR PIPES 12" TO 24" INCLUSIVE
WITHOUT FLAPGATE




SECTION "A"-"A"
BOLT CONNECTION




SECTION B-B




ARMCO DRAINAGE GATE MODEL # 100
BOLTED TO ENDWALL
EQUIPPED WITH BRASS BUSHINGS, STUDS
AND NUTS, AND BRONZE COTTER PINS

B
FRONT ELEVATION

FOR PIPES 15" TO 60" INCLUSIVE
WITH FLAPGATE

NOTES

1. All concrete to be Montgomery County Class "B" or W.S.S.C. Class B
2. All exposed edges to be chamfered 3/4" x 3/4"
3. Footings to be carried deeper than minimum shown if conditions require
4. Rip Rap or Conc. Apron to be lowered 4" to allow for opening of Gate

B.D. # D-17 57155-1
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED December 31-1957
FOR STORM DRAINS ONLY
James A. Stapp
SENIOR DESIGNING ENGINEER

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE
BY

STORM DRAINS
ENDWALLS
KEMP MILL ESTATES II
MONTGOMERY COUNTY MARYLAND

NO SCALE JUNE 1957

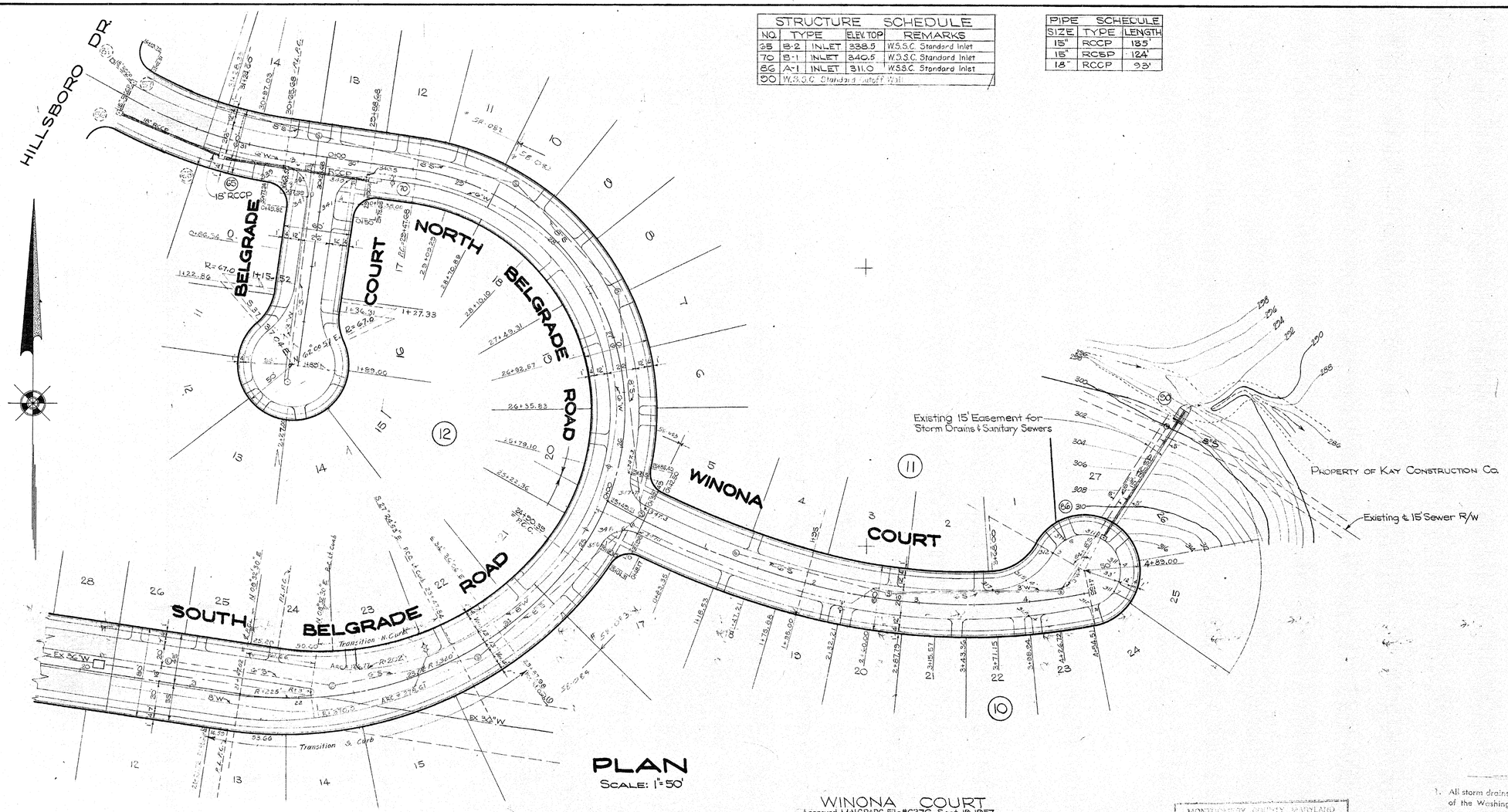
THOMAS G. OYSTER & ASSOCIATES
2419 REEDIE STREET
WHEATON TRIANGLE
SILVER SPRING, MARYLAND
Sheet 2 of 2

CE487-322-2

SD FILE NO. 326 908-C

| STRUCTURE SCHEDULE | | | | |
|---|---|---|---|---|
| NO. | TYPE | | ELEV. TOP | REMARKS |
| 35 | B-2 | INLET | 338.5 | W.S.S.C. Standard Inlet |
| 70 | B-1 | INLET | 340.5 | W.S.S.C. Standard Inlet |
| 86 | A-1 | INLET | 311.0 | W.S.S.C. Standard Inlet |
| 90 | W.S.S.C. Standard Cutoff Wall | | | |

| PIPE SCHEDULE | | |
|---|---|---|
| SIZE | TYPE | LENGTH |
| 15" | RCCP | 135' |
| 15" | RCSP | 124' |
| 18" | RCCP | 93' |



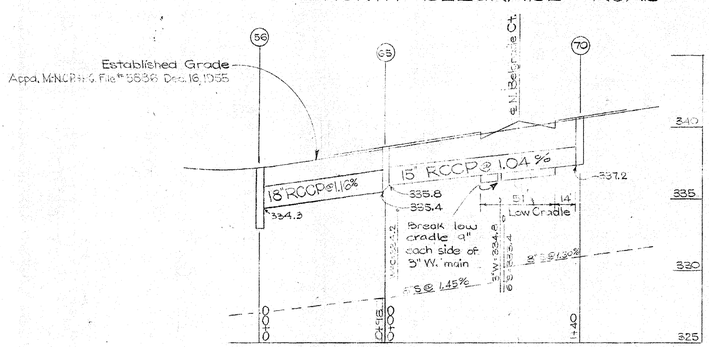

## PLAN
SCALE: 1" = 50'

S.D. #D-17, 57155-1

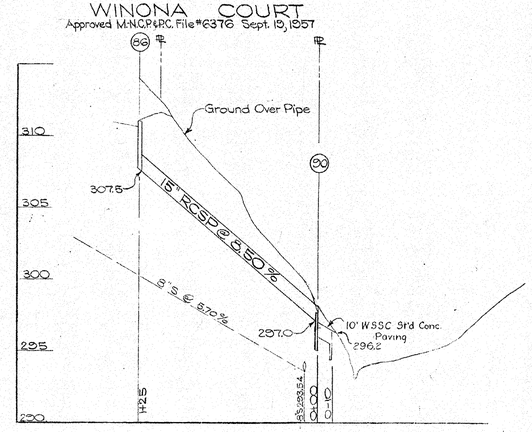
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED December 31-57
FOR CONSTRUCTION ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PERMIT FOR MOVING ANY W.S.S.C. STRUCTURES AS NECESSARY.
THE STORM DRAIN STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A CONTINUING PART OF THE SYSTEM AS PROPOSED FOR THIS SUBDIVISION. THE CONTRACTOR MUST OBTAIN FROM THE WASHINGTON SUBURBAN SANITARY COMMISSION A PERMIT FOR THE WORK PRIOR TO ORDERING THE MATERIALS FOR THE DRAINAGE STRUCTURES SHOWN HEREON.
James A. Stump
Chairman

Revision of (90) approved 10/3/58 JAS

## NORTH BELGRADE ROAD




## WINONA COURT
Approved M.N.C.P.&P.C. File #6376 Sept. 19, 1957




## PROFILES
SCALE: HOR. 1" = 50', VERT. 1" = 5'

MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE Jan. 31 1958
BY Glenn Dolinger

## GENERAL NOTES
FOR STORM DRAIN CONSTRUCTION

1. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1954.
2. Steps shall be provided in the channels of structures involving pipes larger than 27" in accordance with W.S.S.C. Standard Detail.
3. Types of structures refer to the W.S.S.C. Standard Storm Drainage Details unless otherwise noted.
4. 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.

DEVELOPER
KAY CONSTRUCTION CO.
1105 Lamberton Drive
Wheaton, Maryland

# PAVING & STORM DRAINS
# KEMP MILL ESTATES II

MONTGOMERY COUNTY, MARYLAND

SCALE: AS SHOWN NOVEMBER, 1956

THOMAS G. OYSTER & ASSOCIATES, INC.
2419 REEDIE DRIVE
WHEATON TRIANGLE
SILVER SPRING, MARYLAND
LOCKWOOD 5-1888

Job No. 908-C Sheet 1 of 1

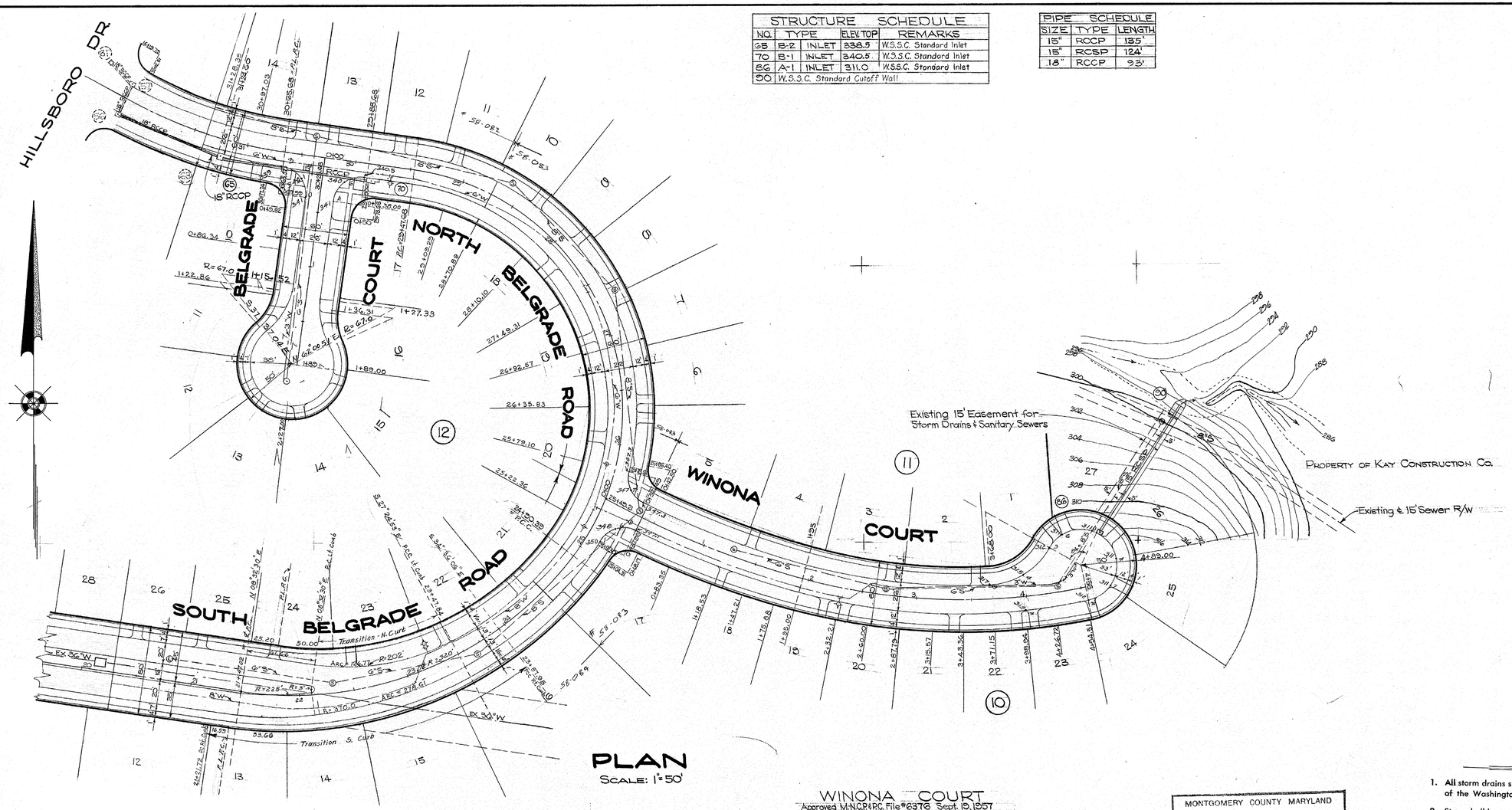
CE487-322-3

SD FILE NO. 326

Maryland State Archives

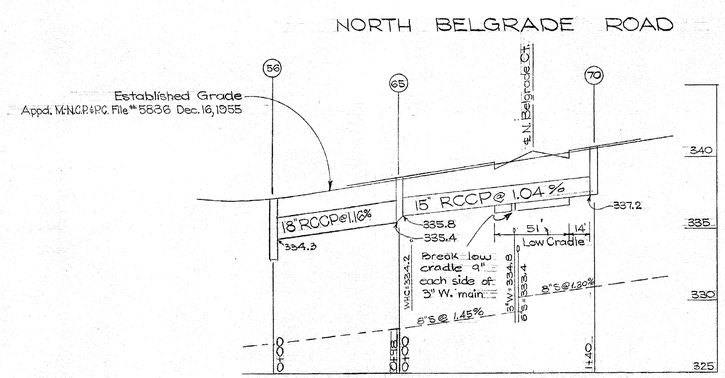
| STRUCTURE SCHEDULE | | | | |
|---|---|---|---|---|
| NO. | TYPE | | ELEV. TOP | REMARKS |
| 65 | B-2 | INLET | 338.5 | W.S.S.C. Standard Inlet |
| 70 | B-1 | INLET | 340.5 | W.S.S.C. Standard Inlet |
| 86 | A-1 | INLET | 311.0 | W.S.S.C. Standard Inlet |
| 90 | W.S.S.C. Standard Cutoff Wall | | | |

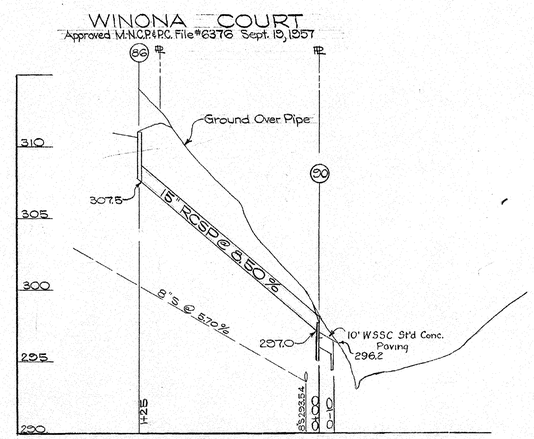
| PIPE SCHEDULE | | |
|---|---|---|
| SIZE | TYPE | LENGTH |
| 15" | RCCP | 135' |
| 15" | RCSP | 124' |
| 18" | RCCP | 95' |




## PLAN

SCALE: 1"=50'




## PROFILES

SCALE: HOR. 1"=50', VERT. 1"=5'

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE Jan 31 19 58
BY

S.D. #D-17, 57155-4

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED December 31, 57
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.

James A. Stapp
CHIEF, DRAINAGE ENGINEER

THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

Revision of (90) approved 10/3/58

## GENERAL NOTES

**FOR STORM DRAIN CONSTRUCTION**

1. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1954.
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DEVELOPER
KAY CONSTRUCTION CO.
1105 Lamberton Drive
Wheaton, Maryland

# PAVING & STORM DRAINS
# KEMP MILL ESTATES II

MONTGOMERY COUNTY, MARYLAND

SCALE: AS SHOWN NOVEMBER, 1956

THOMAS G. OYSTER & ASSOCIATES, INC.
2419 REEDIE DRIVE
WHEATON TRIANGLE
SILVER SPRING, MARYLAND
LOCKWOOD 5-1888

Job No. 908-C Sheet 1 of 1

CE 487-322-4

SD FILE NO. 326

Maryland State Archives