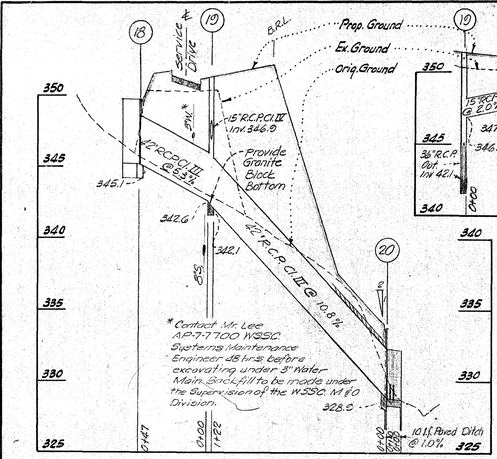
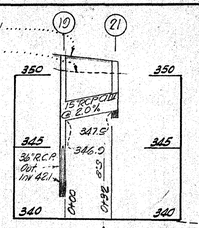
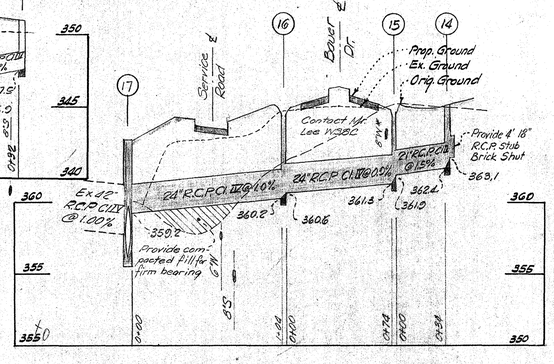
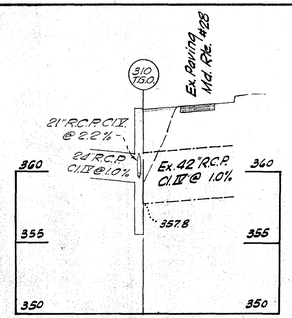
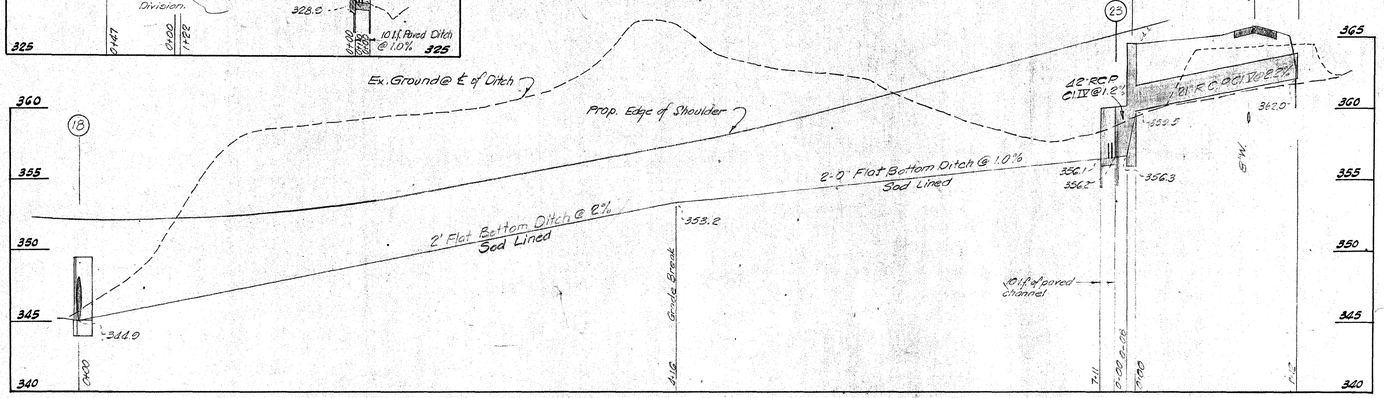
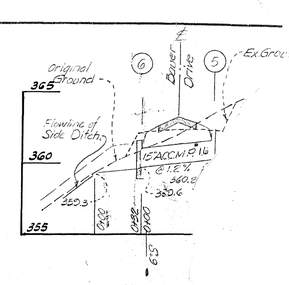








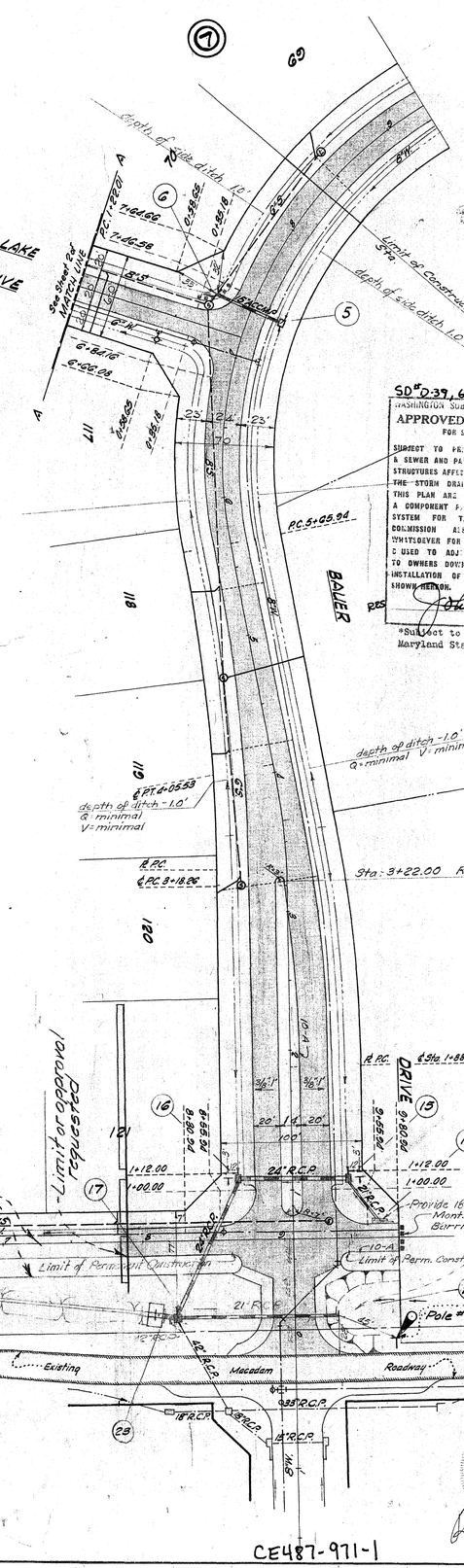




1. All construction sha... County Road Construc...
2. No work shall be done in ... been obtained.
3. All graded areas within the ... shall be seeded.
4. All paving fillet radii shall be ...
5. Montgomery County temporar... be built at each lot, except ... Montgomery County Std. #2...

STORI

1. All Storm drains shall ... est edition of the Gener... Suburban Sanitary Con...
2. Types of Structures re... Drainage Details unless ...
3. Information concerning un... from available records, bu... the exact location and elevatio... pits by hand at all utility crossin... If clearances are less than shown, whichever is less, contact the Storm... before proceeding.
4. All proposed storm drainage shov... tained by the Montgomery County ...



SD # 0-39, 66135-Y

WASHINGTON SUBURBAN SANITARY COMMISSION

APPROVED June 29, 1966

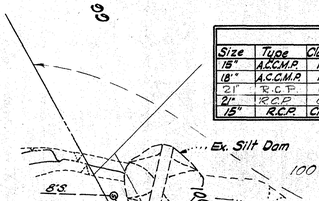
FOR STORM DRAINS ONLY

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 THE DRAINAGE AREA. THE 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

*Subject to issuance of permit by Maryland State Department of Health


Ex. Silt Dam
B.M.
El. 333.56
R.R. Spike in 15" Sycamore Tree
Property of Manor Lake Corp.
MANOR LAKE
PLAT 2
RB 78 LP 7012
101
100
6'S
20
15' Easement for Storm Drain & Sanitary Sewer
42" R.C.P.
128
127
126
125
124
123
122
121
SERVICE
ROAD
Future Construction
Mont. Co. Std. Post Barricades @ 5' c/c
Provide 2' Flat Bottom Sod lined Ditch, See Profile & Section this Sheet
Fill ground str... to provide pos... this drainage... to Sta. Entrance
Prop. ℄ of Route #28
Limit of Paving Sta. 0+15.00
Limit of Perm. Const.
Limit of Construction
10-A
33'
25' R.C.P.
42" R.C.P.
42" R.C.P.
42"

PAVING & DRAINAGE PLAN
MANOR LAKE 988
MONTGOMERY COUNTY, MARYLAND
SCALE: As Shown
DATE: JULY, 1965
HANSON & ASSOCIATES
LAND SURVEYORS
LAND PLANNING CONSULTANTS
156 CONGRESSIONAL AIRPORT LANE
ROCKVILLE, MARYLAND
Phone · 427·7670
DESIGNED F.M.Steadman Jr. F.A.Spinetta
DRAWN F.A.Spinetta
CHECKED
APPROVED
OWNER Allen Engineering Corp. 1420 "N" Street N.W. Washington, D.C.
JOB NUMBER 261·A1
Sheet 2 of 2
SD FILE NO. 988
CE487-971-2
TYPICAL DETAIL
PAVED OUTFALL @ Str.s 13, 20 & 23
No Scale
WSSC Std. Detail 60725-L Str 20: 18" Str 13: 33" Str. 23: 42"
Note:
Dimensions marked thus * are the same for both Strs.
Reinforcing to be #4 bars w/ 2" Clear.. Bars to be placed as shown.
*6"×6" 4/4 W.W.F.
Class A Conc.
2'×1' Cut off wall*
7'-0" Str. 20 & 23
3'-0"*
5'-6" Str. 13
17'-0" Str. 20 & 23
14'-0" Str. 13
To be Seeded
To be Sodded
3:1 Max Slope
Limit of selective backfill
Fill with selective backfill material as directed by the engineer
To be seeded
Emergency Spillway
Ex. 18" S.D.
Existing Silt Dam
PROPERTY OF M.N.C.P.&P.C.
Max length of pipe to laid on curve: 8-0
33" RCP ℄ Curve Data
R: 300.00
Δ: 11°-00'-00"
T: 31.53
L: 62.83
B.M. Elev. 324.71 R.R. Spike in 6" Locust
Limit of Grading
30' R/W for Storm Drains & Sanitary Sewers
33" R.C.P. Cl. III
B.M. Elev. 356.42 R.R. Spike in 12" Poplar
TERRACE
LAKE
DRIVE
COURT
SD# D-39, 66135-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED June 29, 1966
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SENIOR DESIGNING ENGINEER
TYPICAL SECTION PIPE COVER
Not to Scale
1'-0" Min. Cover
depth of side Ditch 1'-0"
℄ of Road
Edge of Shoulder
Invert of Ditch
Prop. Ground @ ℄ of Pipe
Ex. Ground @ ℄ of Pipe
* Contact Mr James Lee, W.S.S.C. Maintenance Engineer (AP7-7700) 48 hrs before excavating in the vicinity of this water main. Backfill to be done under the supervision of M&O division.
Provide a min 1'-0" cover over ℄ of pipe see detail this sheet
21" RCP Cl. IV @ 5.63 %
24" RCP Cl. IV @ 1.45 %
33" RCP Cl. IV @ 1.10 %
33" RCP Cl. III @ 3.10 %
Top of Banks ℄ of Ditch
10' WSSC
Conc paving with velocity checks @ 1.00%
Orig. Ground
Ex. Ground
Top of Bank
Flowline of Side Ditch
18" ACCMP 16 ga @ 1.25%
PROFILE SCALE
Horizontal 1"=50'
Vertical 1"=5'
B.M. Elev. 363.59 R.R. Spike in 20" W. Cherry
MATCH LINE See Sheet 1 of 2
Jun 29, 1966
R.E. Coopes, Jr.
168
STATE OF MARYLAND
LAND SURVEYOR