ARCHDIOCESE OF WASHINGTON

NOTE: BAUER DRIVE from Md. Rt. 28 to sta. 13+50 shall be paved and open to traffic as soon as possible following installation of utilities.

NORBECK JR. HIGH SCHOOL

Scale: 1"=50'

BAUER DRIVE

Future Right of Way Route 28

Ditch to provide drainage into structure # 316

11' EASEMENT

Temporary bituminous curb

End of concrete curb gutter

9" Md. SRC Spec. "B" bituminous paving

End of concrete curb and gutter Temporary bit. curb

Cut-off wall and 10' of Rip-Rap See detail Sheet 4 of 4

Construct 53' of ditch See detail this sheet

Ditch to provide positive drainage into inlet # 312

Brick shut both ends of existing 24" culvert

Future Right of Way Route 28

MD ROUTE 28

MANOR P.B. 78

LAKE P. 7888

UNDEVELOPED

OWNER: CRISPIN CORPORATION

PLAT BOOK 77 44

Sod side slopes on Church Site only

Future sidewalk to be constructed on completion of water connections and sewer main connections

ROCKEDGE LANE

MATCH LINE A-A SEE SHEET 1 OF 4

307.44 410.06 290.88 328.14 106.02 106.02 15.93 112.34 42.26 47.47

33" RCP 66' 18" RCP 30' 42" RCP 70' 6"W 8"W 6"W 8"S

| STRUCTURE SCHEDULE | | | | | | |
|---|---|---|---|---|---|---|
| NO. | TYPE | | W | TOP DOWN | TOP UP | REMARKS |
| 316 | Endwall | | | | | MSRC Std. type "E" for 33" pipe |
| 314 | B-15 | Inlet | 2.50 | 364.50 | 364.83 | W.S.S.C. Standard |
| 313 | B-15 | Inlet | 2.50 | 364.50 | 364.83 | " " |
| 311 | B | Manhole | 54"sq | 365.40 | | " " |
| 312 | J | Inlet | 2.00 | 363.30 | | MSRC Modified. Sht. 4 of 4 |
| 310 | Cut-off with Rip-Rap | | | | | WSSC Std. See Sht. 4 of 4 |

Existing Ground

Sodded Slopes

Varies 2'-6" min

3'-6"

DETAIL OF DITCH SECTION

(No Scale)

MD. ROUTE 28

Existing Ground

Possible Future Slope 1½:1

4:1 Slope

Top Left Bank

Top Right bank

DITCH @ .5%

Existing Swale

42" RCP IV @ 1.0%

18" RCP III @ 1.1%

15" RCP V @ 1.0%

℄ Existing Paving Md. Route 28

℄ Bauer Drive

Design Grade Over Pipe and Approx. Grading

310 311 313 314

360 350 340

357.5 357.8 358.5 359.7 360.1 361.0 361.4

0+00 0+53 0+70 0+10 0+00 0+70 0+00 0+38 0+00 0+46

8"W 358.3

33" RCP V @ 1.5%

18" RCP IV @ 1.6%

℄ Existing paving (Md. Route 28)

Design Grade Over Pipe

Existing Ground

316 311 312

361.5 359.3 360.5 361.1

0+00 0+00 0+45

8"W 358.0

PROFILES

Scale: Hor. 1"=50'

Vert. 1"=5'

S.D. # D-37, 65141 Y

WASHINGTON SUBURBAN SANITARY COMMISSION

APPROVED July 19, 1965

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. 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.

Everett A. Hoffman

SENIOR DEVELOPMENT ENGINEER

STATE OF MARYLAND
DEPARTMENT OF HEALTH
No. G5-24-1077

| PIPE SCHEDULE | | |
|---|---|---|
| SIZE | TYPE | LENGTH |
| 15" | RCP V | 38' |
| 18" | RCP III | 57' |
| 33" | RCP V | 148' |
| 42" | RCP IV | 70' |
| 18" | RCP IV | 40' |

STATE OF MARYLAND ALDEN E. IMUS JR. No. 2043 REGISTERED PROFESSIONAL ENGINEER

Alden E. Imus Jr.

| NUMBER | REVISION | DATE |
|---|---|---|
| | | |

CIVIL ENGINEERS LAND PLANNERS LAND SURVEYORS

THOMAS G. OYSTER AND ASSOCIATES INC.

2419 REEDIE DRIVE WHEATON MARYLAND 949-2011

DES. DR. CHK.

REVISIONS

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

# BAUER DRIVE

MD. ROUTE 28 TO RUSSETT ROAD

ROCK CREEK MANOR

APPROVED

CHIEF - BUR. OF ENG'G. DEP. DIRECTOR, DEPT. OF PUB. WKS.

PROJECT: 1874-A DWG: 2 OF 4

MSA CE 189 83-5

Maryland State Archives