SHEET INDEX 3 DRAINAGE AREA MAPAND SECIMENT CONTROL PLAN

393-3553

AVAILABLE INFORMATION. THIE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN

THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS TO VERIFY THEIR

FOR EACH TENANT OR OCCUPANT OF ANY BUILDING, SHOWN ON THIS SITE

INDEPENDENT SEWER CONNECTION AND RELATED INTERIOR WASTE LINES. . THE ABOVE REQUIREMENTS SHALL APPLY TO ALL INITIAL AND FUTURE OCCUPANTS

5.60 Ac. (243,936 ST.

1.76 Ac. (76,490 SF

0.13 Ac. (5,857 SF)

Car Care and Repair

Car Wash Facility

96 Spaces

Spaces .

4,356 SF (9.94%)

.001 Ac. (50.4SF) - 5%

.002 Ac. (75.0 SF) - 7.5%

1.72 Ac. (74,923 Ac.) - 30%

0.84 Ac. (36,590.4 ST) - 48%

2.56 Ac. (111,513.4 SF)

ECEVATION

1 Space

14. STORM WATER MANAGEMENT FOR THIS SITE

IS PROVIDED FOR UNDER SOP-88-119

GROSS AREA OF PARCEL

EXISTING BUILDING COVERAGE

PROPOSED BUILDING COVERAGE

EXISTING BUILDING USE

PROPOSED BUILDING HSE

@ 1 SPACE/ENPLOYEE

TOTAL SITE PARKING

THIS SUBMISSION

EXISTING PARKING PROVIDED

EXISTING HANDICAP PARKING

LANDSCAPED ISLANDS PROVIDED

EXISTING OPEN SPACE PROVIDED

PARKING REQUIRED FOR CAR WASH

PARKING PROVIDED @ 1 SPACE/EMPLOYER

HANDICAP PARKING REQUIRED FOR CAR WASH

HINIMUM OFF STREET RESERVOIR REQUIRED EXISTING LANDSCAPED ISLANDS PROVIDED

TOTAL LANDSCAPED ISLANDS FOR THE SITE

OPEN SPACE REQUIRED FOR THIS SUBMISSION 0.35 Ac. (15,246 SF) - 20%

LANDSCAPED ISLANDS REQUIRED FOR

LIMIT OF SUBMISSION

PRESENT ZONING

(4 buildings)

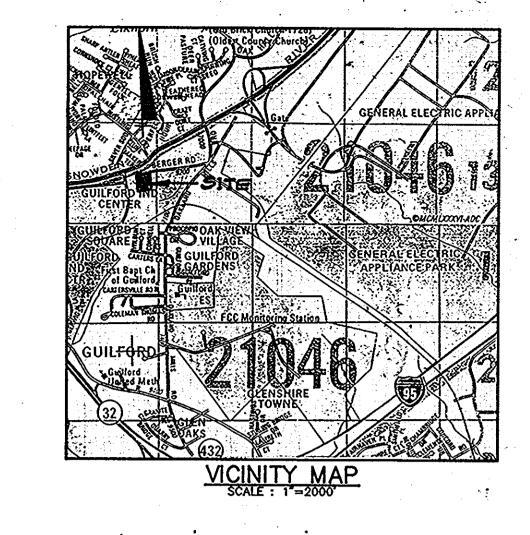
CAP TELEPHONE COMPANY

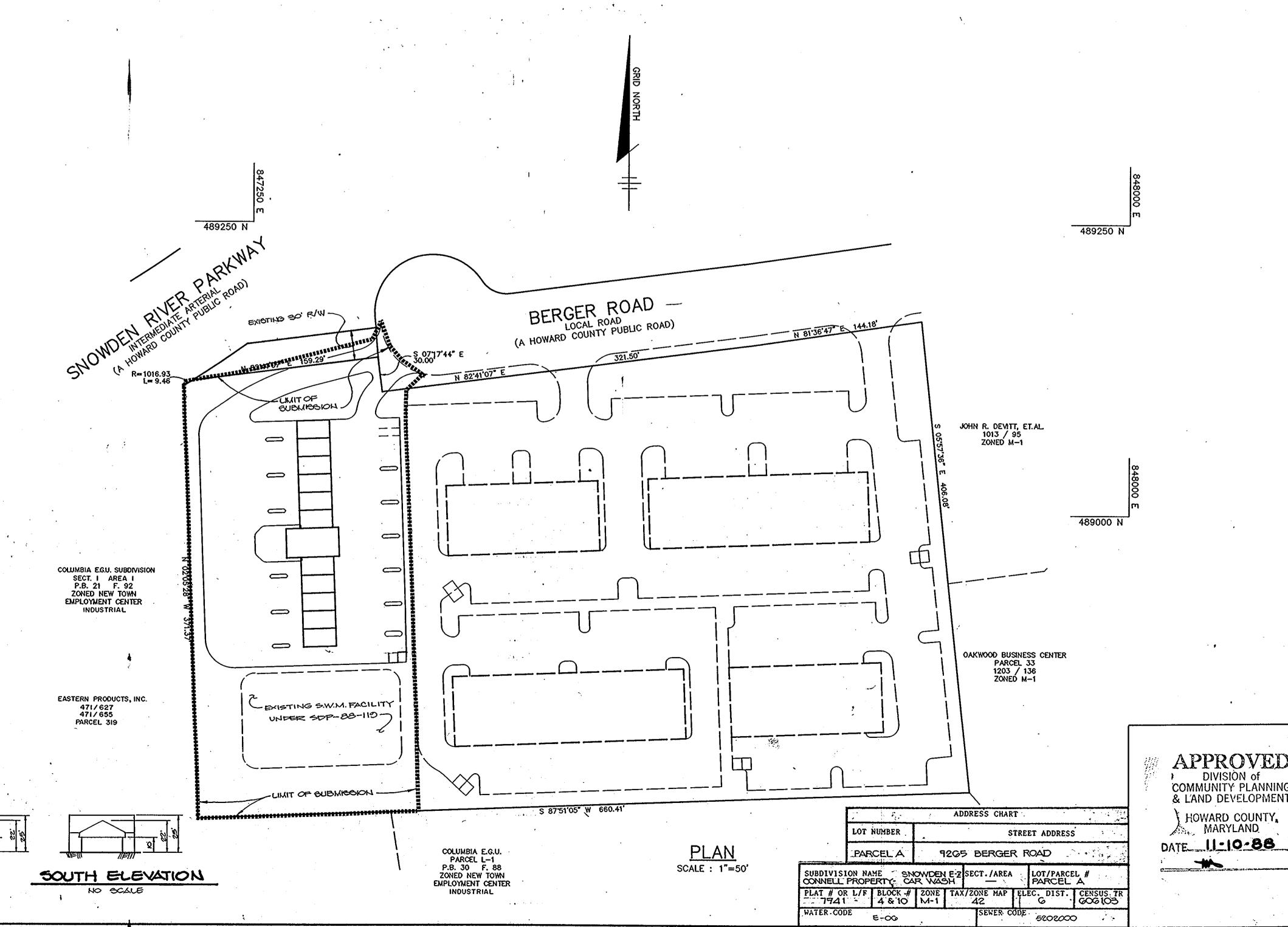
HOWARD COUNTY BUREAU OF UTILITIES AT&T CABLE LOCATION DIVERSION

SITE DEVELOPMENT PLAN

SNOWDEN E-Z CAR WASH

6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

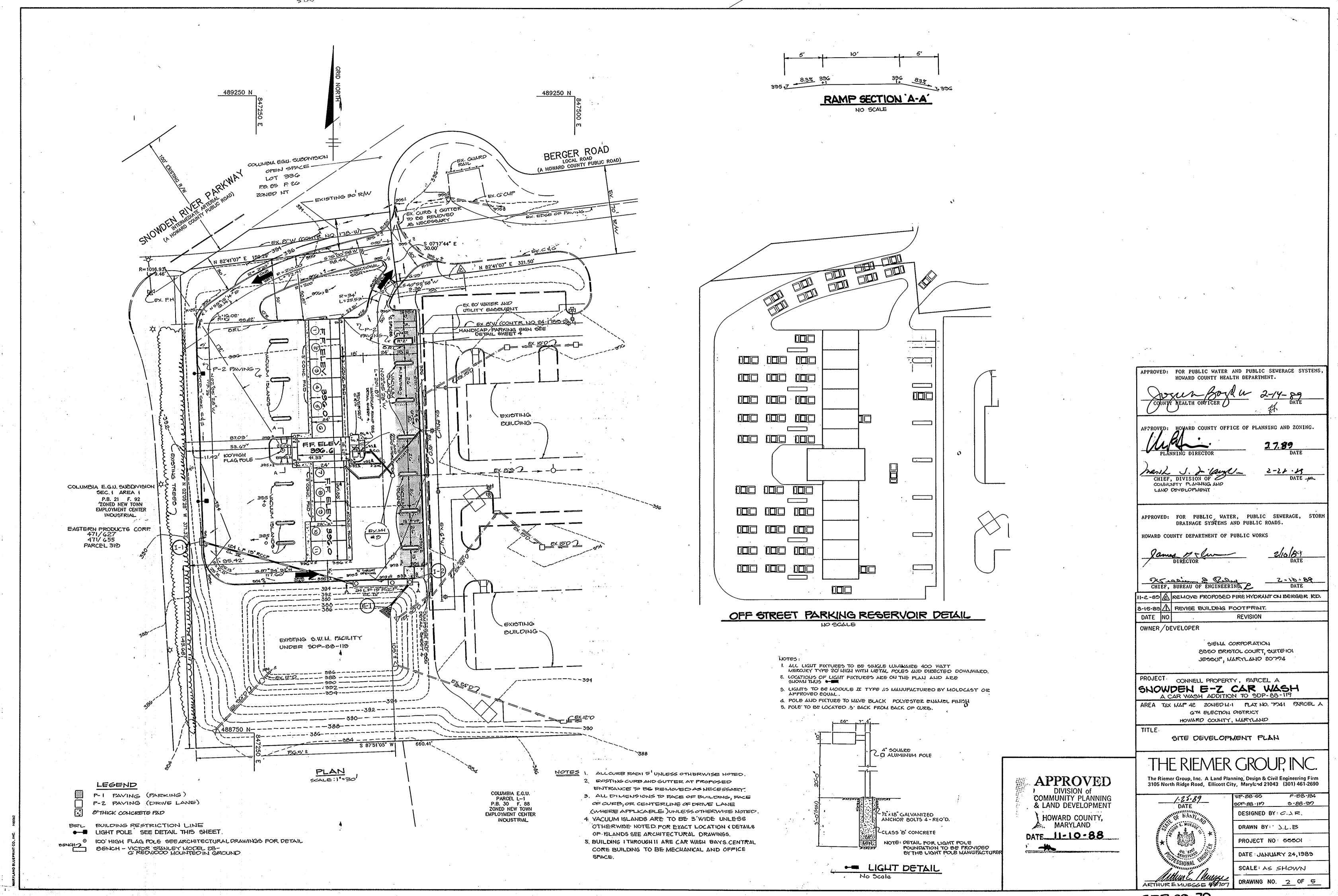




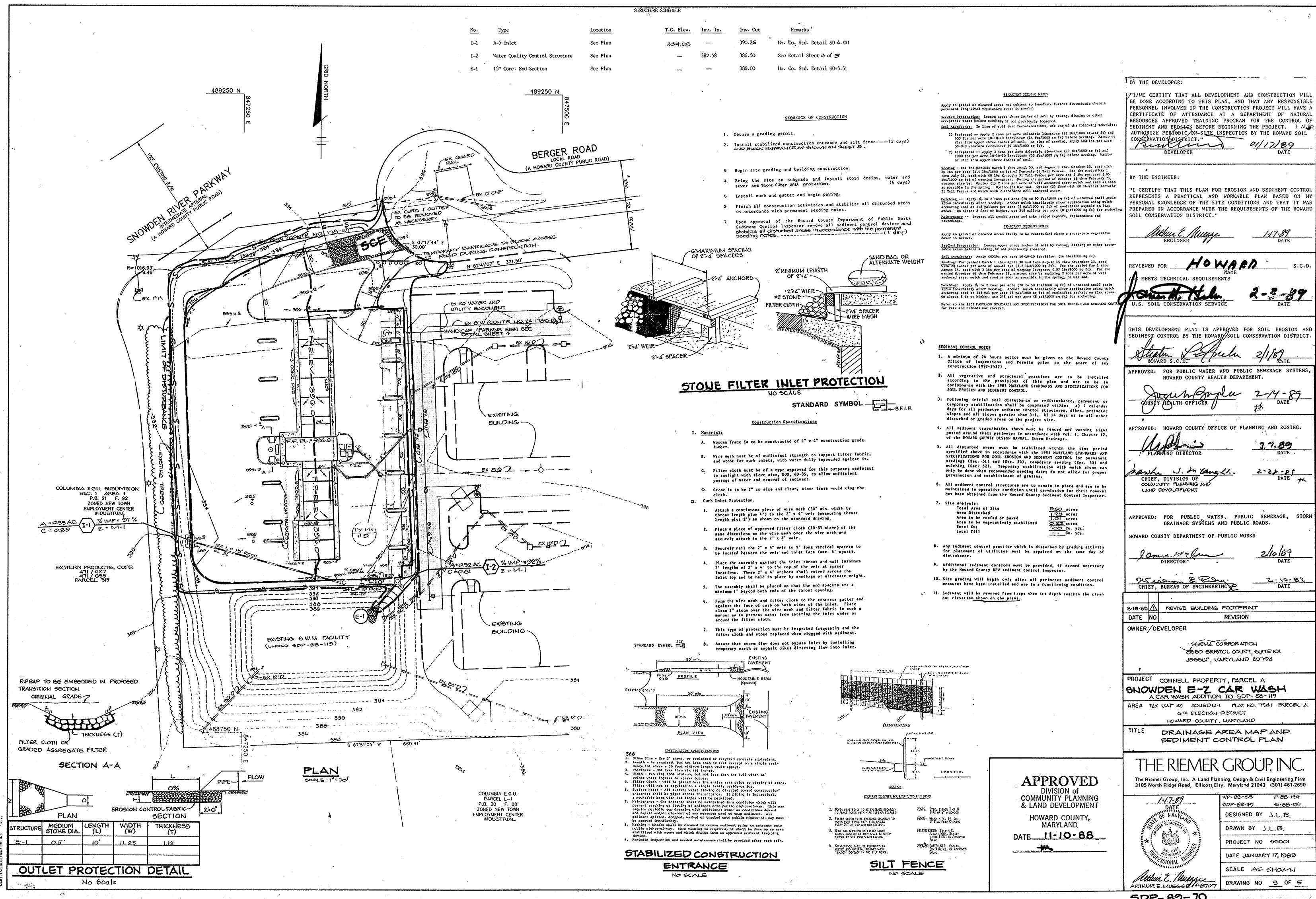
SCALE: AS SHOWN

DRAWING NO. 1 OF 5

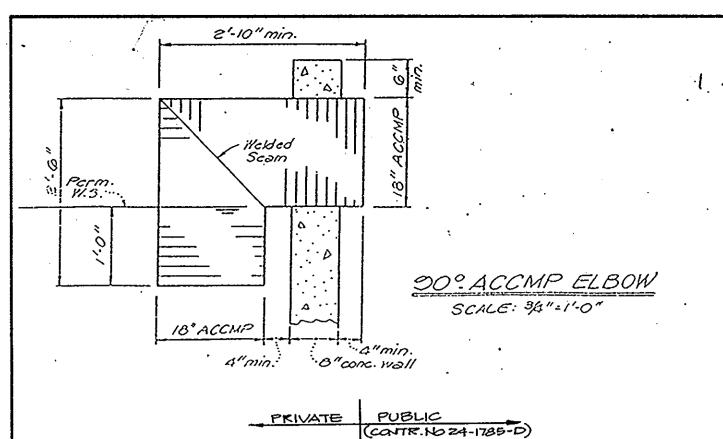
SDP-89-70

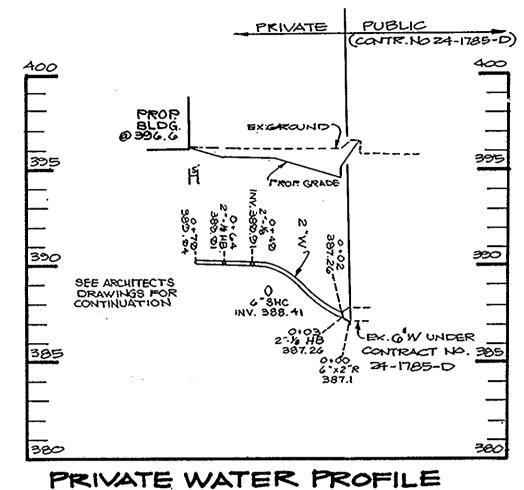


SDP-89-70



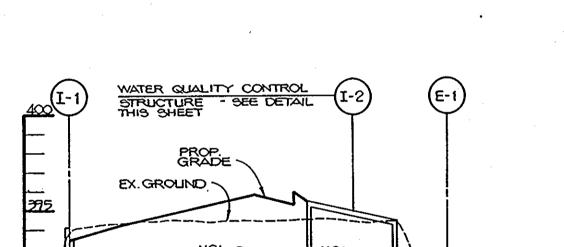
50P-89-70

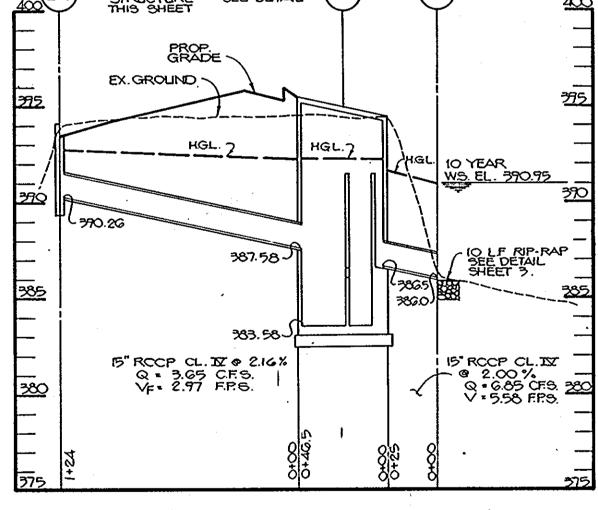




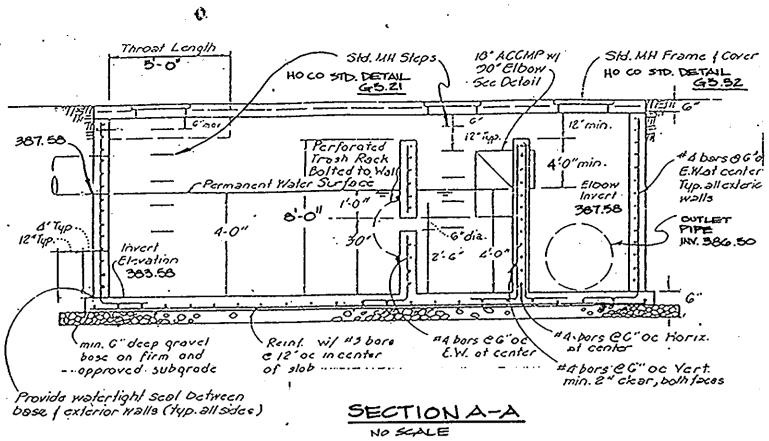
SCALE: HORIZ 1"=50

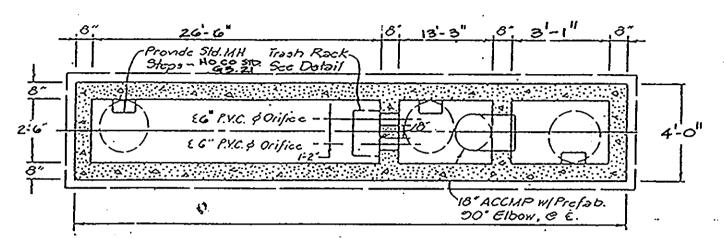
VERT 1"=5

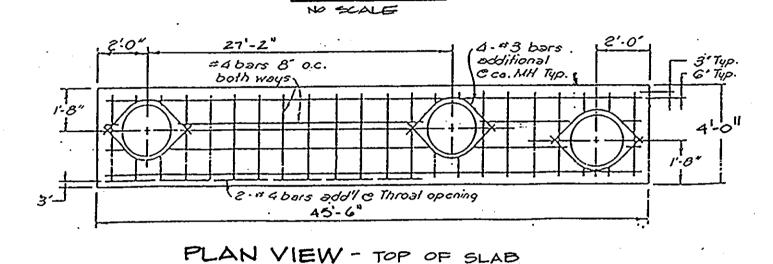




STORM DRAIN PROFILE SCALE : HORIZ . 1' 50' VERT . 1' 5'

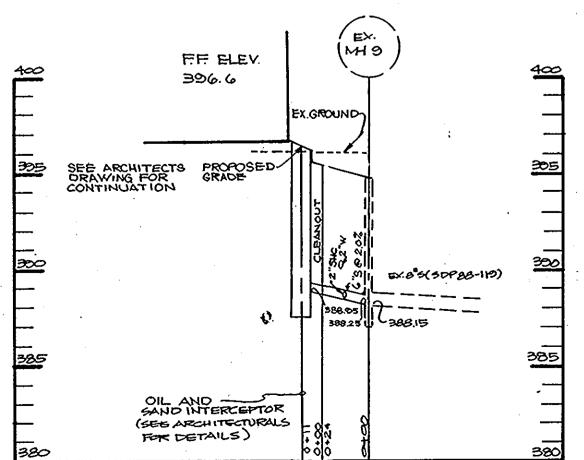




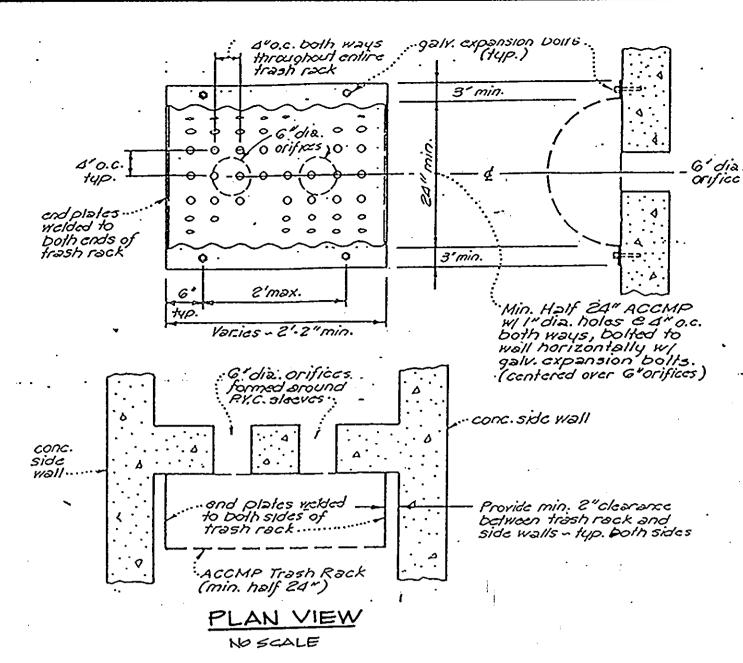


PLAN VIEW

WATER QUALITY CONTROL STRUCTURE



SEWER PROFILE



ACCMP TRASH RACK

WATER QUALITY STRUCTURES

DESIGN AND GENERAL NOTES:

- 1. Use poured-in place concrete for the entire structure.
- 2. Refer to Maryland State Highway Administration for materials and methods of construction.
- 3. Wall thickness shall be as follows:
- Minimum 8 inches thick for the first 8'-0" of depth, 12 inch thick walls between 8'-0" and 12'-0" of depth and 16 inch thick walls for depth greater than 12'-0". Depth to be measured from top of top slab to crown of outgoing pipe.
- 4. f'c = 3,500 psi at 28 days.
- 5. All reinforcing steel to be ASTM A615, GR.60.
- 6. For details concerning throat openings, refer to Howard County
- 7. For details not noted in this standard, refer to Howard County Standard Detail SD.4.01.
- 8. The top 4 inches of walls may be brick masonry for leveling, if required. Brick masonry shall comply with the latest SHA specification.
- 9. When grate opening is used, refer to the appropriate SHA Standard for details. Details shall be shown on the plans.
- 10. When inside width of structure is greater than 4'-0", reinforcing shall be revised as needed.
- 11. When structure is subject to traffic loading, reinforcing shall be designed for the appropriate traffic loads. Design loads shall be
- 12. All inlets and incoming pipes shall be checked for possible backwater or tailwater problems.

MAINTENANCE NOTES (WATER QUALITY STRUCTURE WASTE)

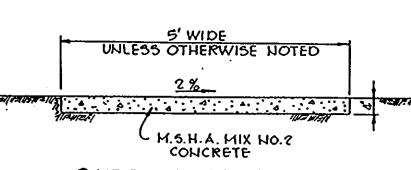
- 1. Water Quality Structures will require periodical cleaning. Owners of these facilities will have to clean them as needed or on a frequency that the County determines is appropriate. Owners of water quality structures will be required to provide routine maintenance and cleaning at least twice a year or at the direction
- 2. Maintenance of these facilities will consist of cleaning out the separator and disposal of the waste and the repair of the facility as needed. Periodic inspections of these facilities will be made by the County Stormwater Management Group/Bureau of Highways.
- 3. The disposal of the liquid and solid matter should be as follows:
- A. All liquid material in the separator inlet shall be pumped into a suitable tank truck and disposed of at an approved sanitary district discharge manhole or be taken into an approved sewage treatment plant for discharge.
- B. The solid material shall be landfilled in an approved sanitary
- 4. The inlet pipes, trash racks, grates, and structural parts shall be repaired as needed.

CONSTRUCTION NOTES:

- 1. Silt and debris shall not be allowed to enter the structures until contributing drainage areas have been permanently stabilized.
- 2. All openings to structures shall be protected with the appropriate sediment control measures during construction.

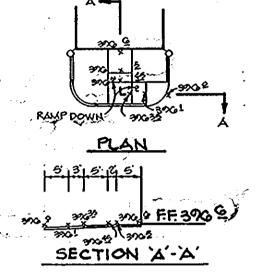
INSPECTION NOTES:

- 1. Prior to start of construction on water quality structures, the Howard County Department of Public Works inspector must be called 48 hours in advance at 792-2630.
- 2. The Howard County Department of Public Works inspector must be notified (792-2630) at each of the following stages:
- A. Approval of subgrade for footings.
- B. Footing formed and steel set prior to pouring.
- C. Structure sides formed and steel set prior to pouring.
- D. Prior to top slab and manholes being set, Howard County Department of Public Works inspector must check structure and all debris and silt in structure removed.

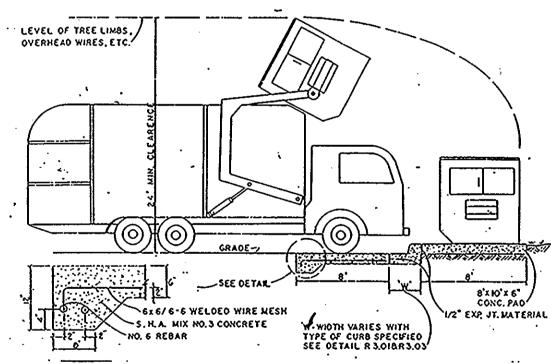


SIDEWALK DETAIL No Scale

HANDICAP SIGN DETAIL NO SCALE



HANDICAP RAMP DETAIL



DUMPSTER PAD DETAIL NO SCALE

BITUMINOUS CONCRETE SURFACE BITUMINOUS CONCRETE BASE * 8" CRUSHER RUN BASE COURSE (2 COURSES) 6" DENSE GRADED STABILIZED AGGREGATE BASE COURSE

(ALTERNATE)

BITUMINOUS CONCRETE SURFACE BITUMINOUS CONCRETE BASE

HOWARD COUNTY DESIGN MANUAL VOLUME IV-STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R. 2.01)

(61/2"PAVING, P-2)

BITUMINOUS CONCRETE SURFACE BITUMINOUS CONCRETE BASE * 5" CRUSHER RUN BASE COURSE

(ALTERNATE)

4" DENSE GRADED STABILIZED

AGGREGATE BASE COURSE

BITUMINOUS CONCRETE SURFACE BITUMINOUS CONCRETE BASE

HOWARD COUNTY DESIGN MANUAL VOLUME IX -STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-2.01)

(5" PAVING, P-1)

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT RDACOUNTY OFFICE OF PLANNING AND ZONING 3.7.89 DATE CHIEF, DIVISION OF !. 2-24-45 COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

> SIENA CORPORATION 8350 ERISTOLCOURT, SUITE 101 JESSUP, MARYLAND 20794

PROJECT: CONNELL PROPERTY, PARCEL A

TAX MAP 42 ZONED M-1 PLAT NO.7941 PARCEL A 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

TITLE:

PROFILES AND DETAILS

APPROVED DIVISION of **COMMUNITY PLANNING** & LAND DEVELOPMENT HOWARD COUNTY. MARYLAND DATE 11-10-88

1.17.89 DATE

668.39 DESIGNED BY: C.J.F. DRAWN BY: J.L.B PROJECT NO: 55501

SCALE: AS SHOWN

Andrew Control of the Control of English Control of Co

VERT. 1"=5"

SCALE : HORIZ. 1 =50'

والمناف المعاملة فيطيون والهيم والمام والمام

in the transfer of the state of

E. When site is permanently stabilized and sediment control measures to protect inlet are to be removed.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS REVISION DATE NO. OWNER / DEVELOPER SNOWDEN E-Z CAR WASH A CAR WASH ADDITION TO SDP-88-119

3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690

2/10/59 DATE

DATE

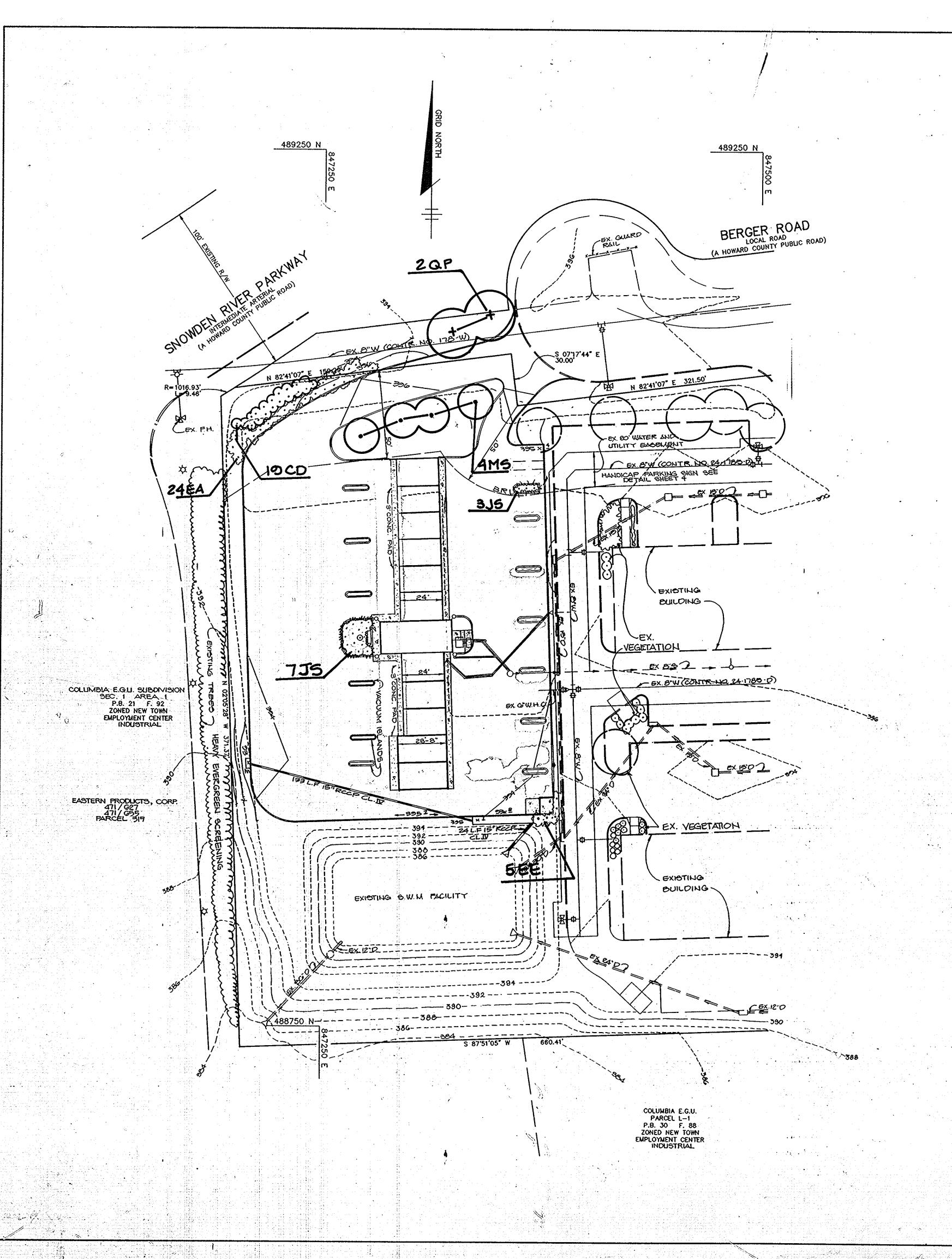
THE RIEMER GROUP, INC. The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm

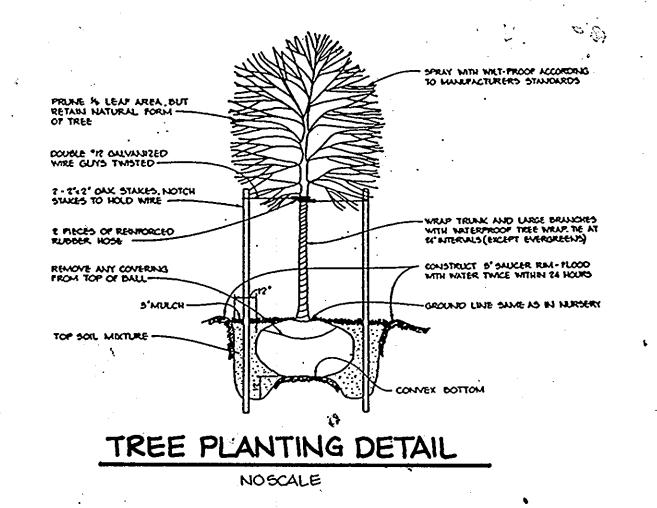
DATE : JANUARY 17, 1989

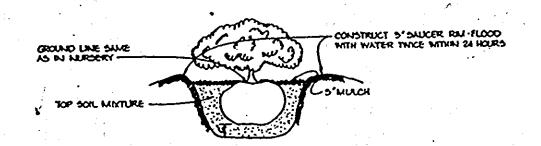
ARTHUR E. MUEGGE A 8707

SDP-89-70 and provided the contraction of the contraction of

DRAWING NO. 4 OF 5







SHRUB PLANTING DETAIL

	Qty.	Symbol	Name	Size	Remarks
	19	CD	COTONEASTER DOMMERI 'CORA', BEAUTY' Coral Beauty Cotoneaster	18-24" Ht.	Cont.
٠.	10	JS .	JUNIPERÛS SABINA 'TAMARISCIFOLIA' Tamarack Juniper	18-24" Spi.	Cont
	4	MS	MALUS 'SNOW CLOUD' Snow Cloud Crabapple	б-8° нт	B & B
	2	QP	QUERCUS PALUSTRIS Pin Oak	24-3" Cal.	B & B Full Head
	24	EA	EUONYMUS ALATA	24"-30'HT.	B & B.
	6	EE	EUDNYMUS SARCOXIE	30"-36" HT.	B4G

COMMUNITY PLANNING & LAND DEVELOPMENT HOWARD COUNTY, MARYLAND DATE_11-10-88

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Z-10-89 DATE CHIEF, BUREAU OF ENGINEERING 8-15-89 A REVISE BUILDING FOOTPRINT

OWNER DEVELOPER

SIENA CORPORATION 8350 BRISTOL COURT, SUITE 101 JESSUP, MARYLAND 20744

CONNELL PROPERTY, PARCEL A SNOWDEN E-Z CAR WASH

AREA TAX MAP 48 ZONED M-1 PLAT NO. 7941 PARCEL A OTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

LANDSCAPE PLAN

THE RIEMER GROUP, INC.

The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm 3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690



DESIGNED BY LLB DRAWN BY DOB PROJECT NO 55501

DATE: JANUARY 17, 1989 SCALE - 1" = 30" DRAWING NO 5 OF 5