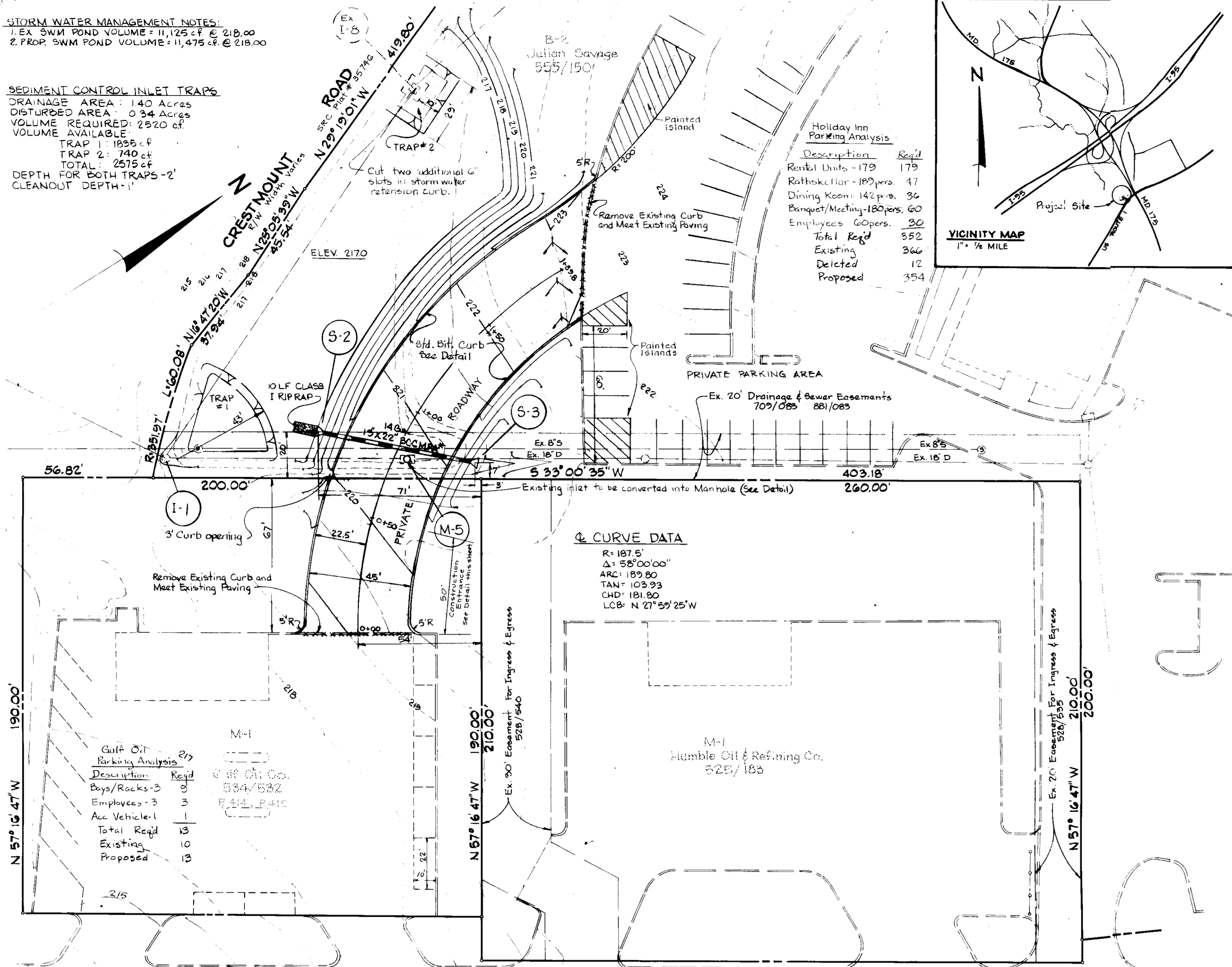


STORM WATER MANAGEMENT NOTES:
 1. EX. SWM POND VOLUME = 11,125 CF @ 218.00
 2. PROP. SWM POND VOLUME = 11,475 CF @ 218.00

SEDIMENT CONTROL INLET TRAPS
 DRAINAGE AREA: 140 Acres
 DISTURBED AREA: 0.34 Acres
 VOLUME REQUIRED: 2920 CF
 VOLUME AVAILABLE:
 TRAP 1: 1095 CF
 TRAP 2: 740 CF
 TOTAL: 2575 CF
 DEPTH FOR BOTH TRAPS - 2'
 CLEANOUT DEPTH - 1'



U.S. ROUTE :
 R/W Width Varies
 SRC Plat # 40077

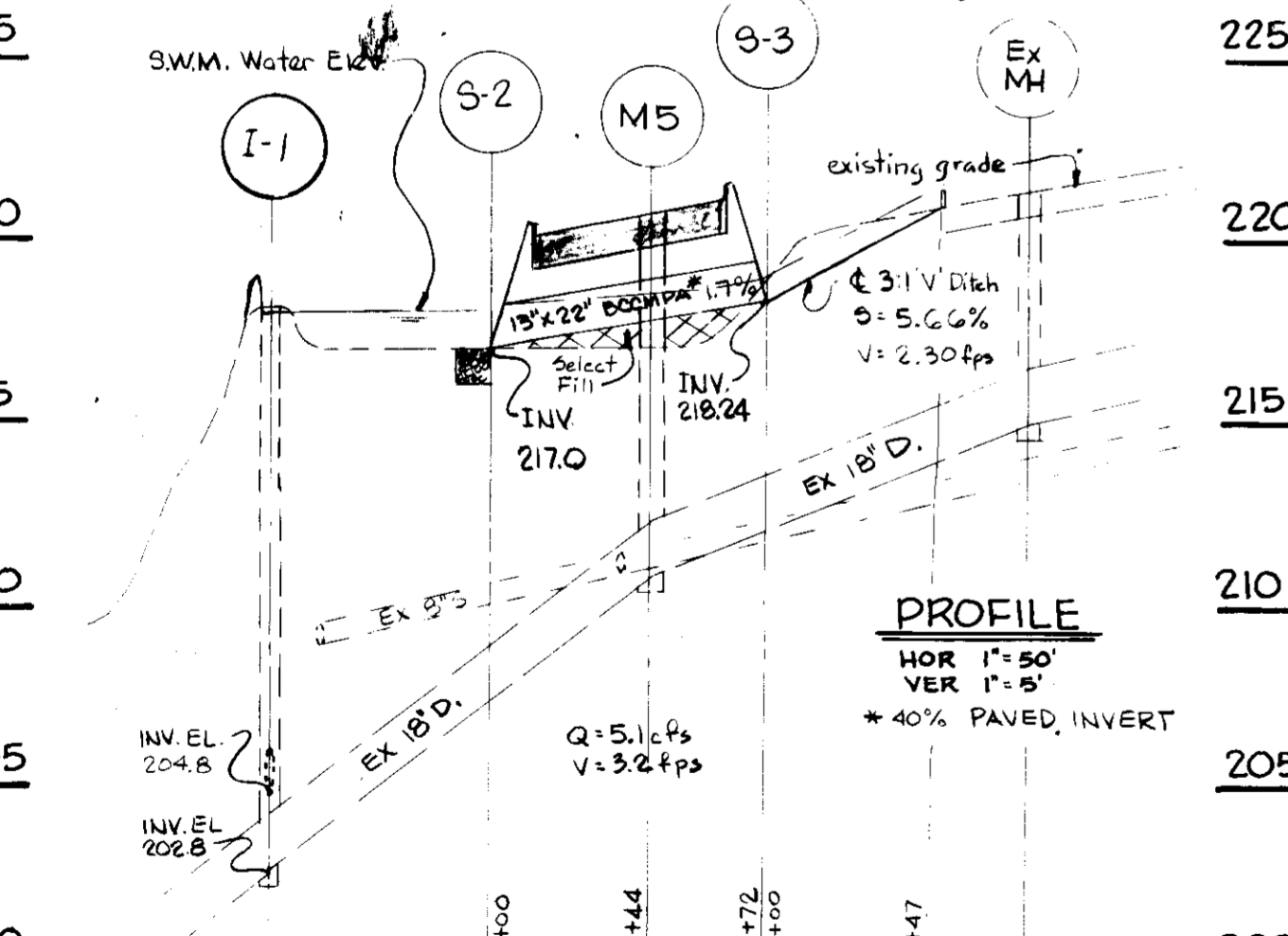
PLAN
 SCALE: 1"=30'
 * 4% PAVED INVERT

GENERAL NOTES

- Contractor shall visit project site and verify existing conditions prior to construction.
- All construction shall be done in accordance with the current standards and specifications of Howard Co., Md.
- For information on existing conditions, see SDP 79-34 (Holiday Inn site plan) and SDP 70-33 (Gulf Oil site plan).
- Stabilization of disturbed area to be achieved as soon after construction as possible.
- All disturbed areas to be stabilized in accordance with the following Specifications:
 A. Seed - certified 85% germination applied at the rate of 3lbs/1000 sq. ft. Mixture of 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, 20% annual rye.
 B. Fertilizer - 10/10/10 applied at a rate of 25 lbs/1000 sq. ft. Ground agricultural lime or Dolomitic Lime applied at a rate of 90 lbs/1000 sq. ft.
 C. Mulch - weed free grain straw applied at a rate of 70 to 90 lbs/1000 sq. ft. Mulch shall be secured to the ground by any approved method.
 D. Soil - All soil used shall be Maryland State Certified.
- Appropriate permits and construction easements shall be obtained prior to start of construction.
- Area of Submission 0.90 Acres. See Lot 46, Plat 4146 'Crestmount', Recorded Nov. 27, 1978.

HOLIDAY INN SITE ANALYSIS:
 Total Area of Submission - 0.90 Ac
 Area Disturbed - 0.34 Ac
 Area to be Revegetated - 0.22 Ac
 Area to be Paved - 0.22 Ac

GULF OIL SITE ANALYSIS:
 Total Area of Submission - 0.67 Ac
 Area Disturbed - 0.09 Ac
 Area to be revegetated - 0.02 Ac
 Area to be paved - 0.07 Ac
 Open Space required - 0.17 Ac
 Open Space proposed - 0.29 Ac
 Number of Grease Racks & Service Bays - 3



APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, AND STORM DRAINAGE SYSTEMS AND ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 11-10-81
 CHIEF BUREAU OF ENGINEERING

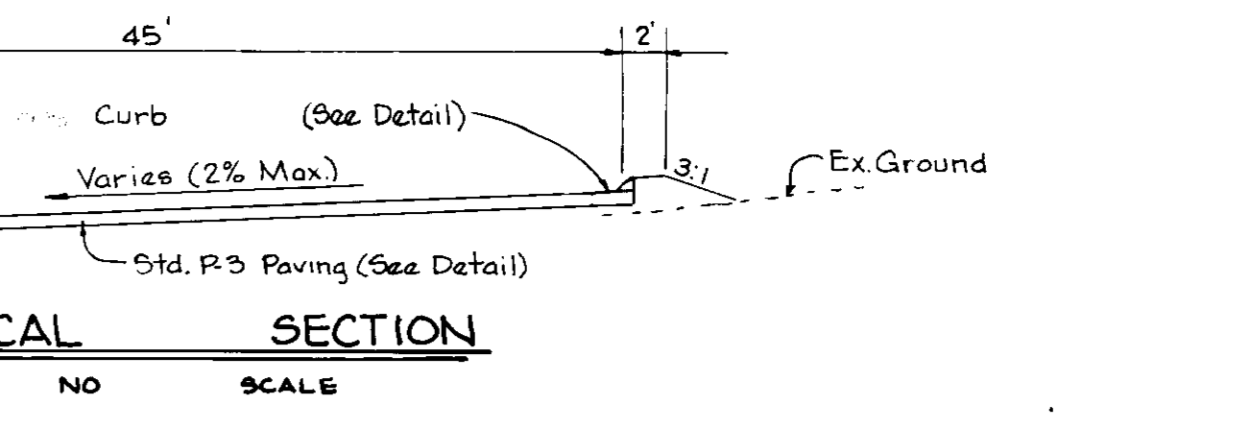
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: [Signature] DATE: 11-25-81
 CHIEF, DIV. OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: For Public Water & Public Sewer, Howard Co. Dept. of Health
 [Signature] DATE: 11-24-81

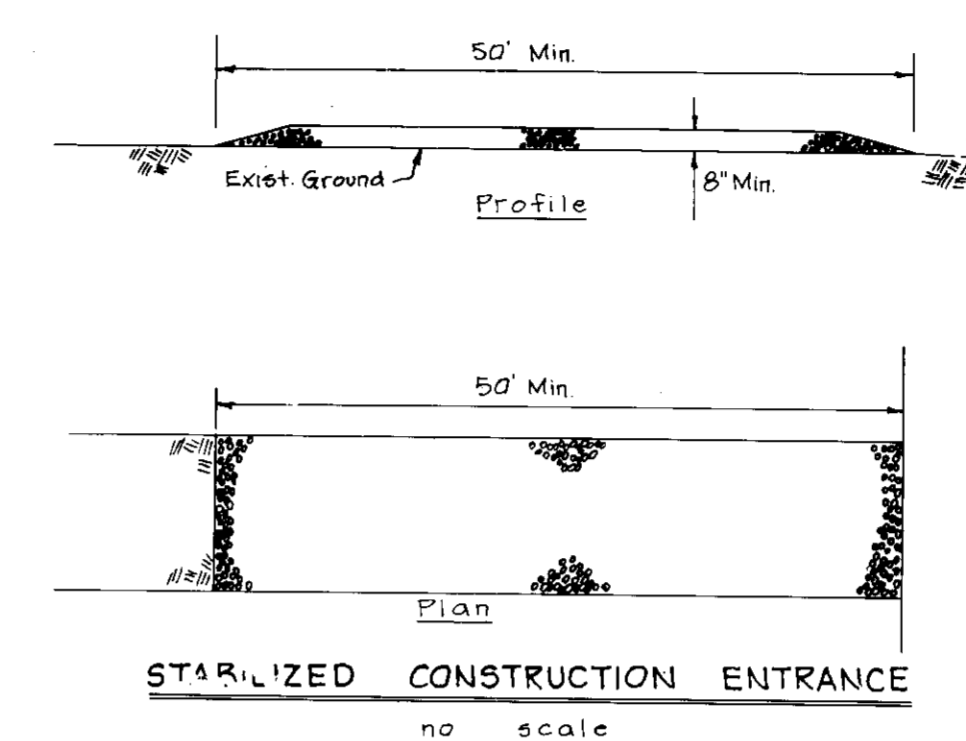
REVIEWED: FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS
 [Signature] DATE: 10-27-81

APPROVED: FOR SOIL CONSERVATION AND SEDIMENT CONTROL
 [Signature] DATE: 10-27-81

COLUMBIA HOLIDAY INN
 DRIVEWAY CONNECTION OF HOLIDAY INN TO GULF OIL CO. SERVICE STATION
 TAX MAP 43 PARCEL 445
 HOWARD COUNTY, MARYLAND
 OWNER: JULIAN SAVAGE, 7315 WISCONSIN AVE, SUITE 201-W, BETHESDA, MD. 20014
 4TH DISTRICT

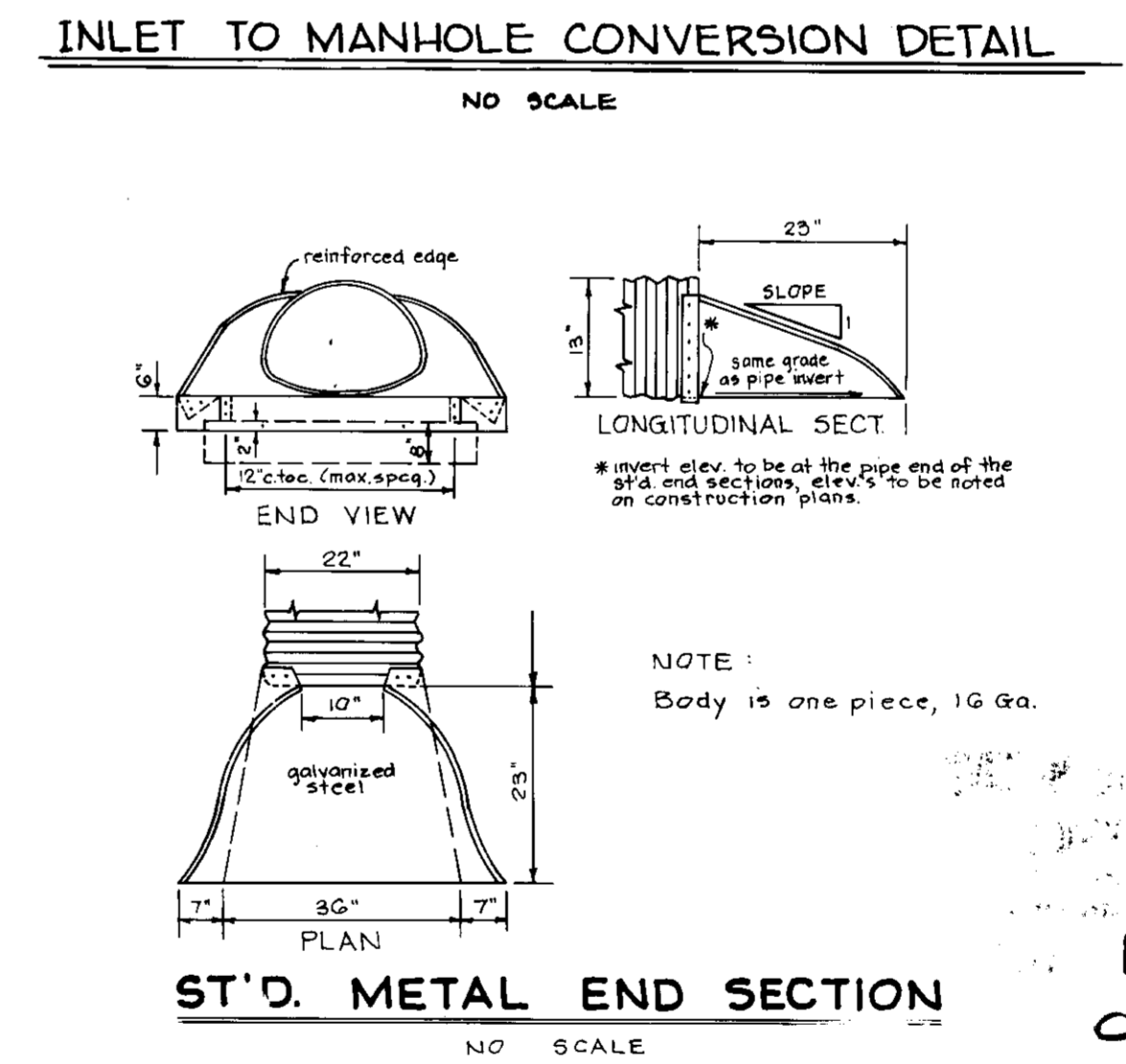
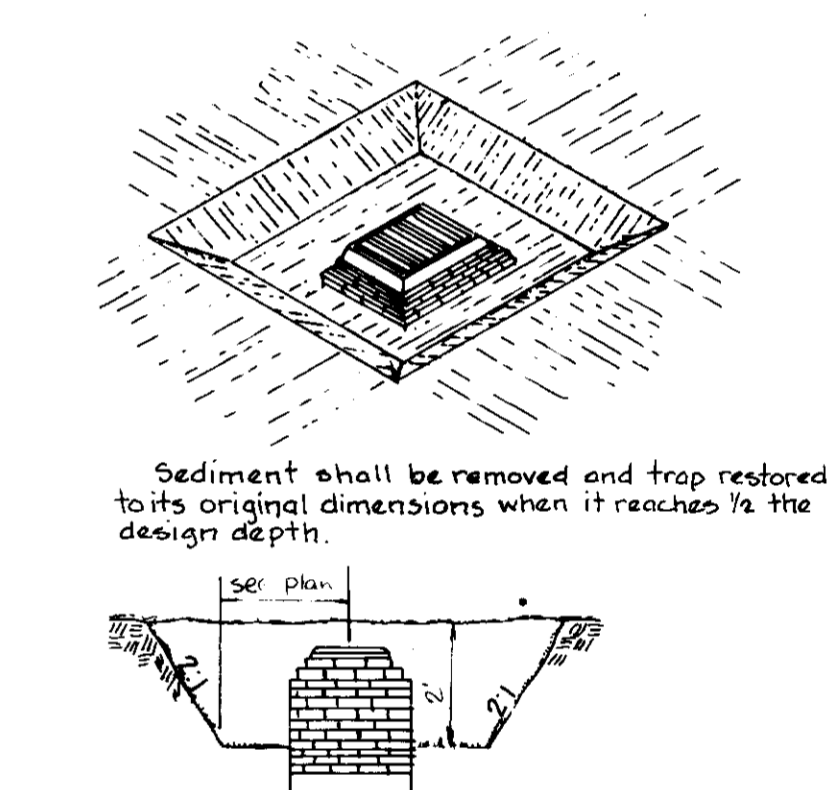
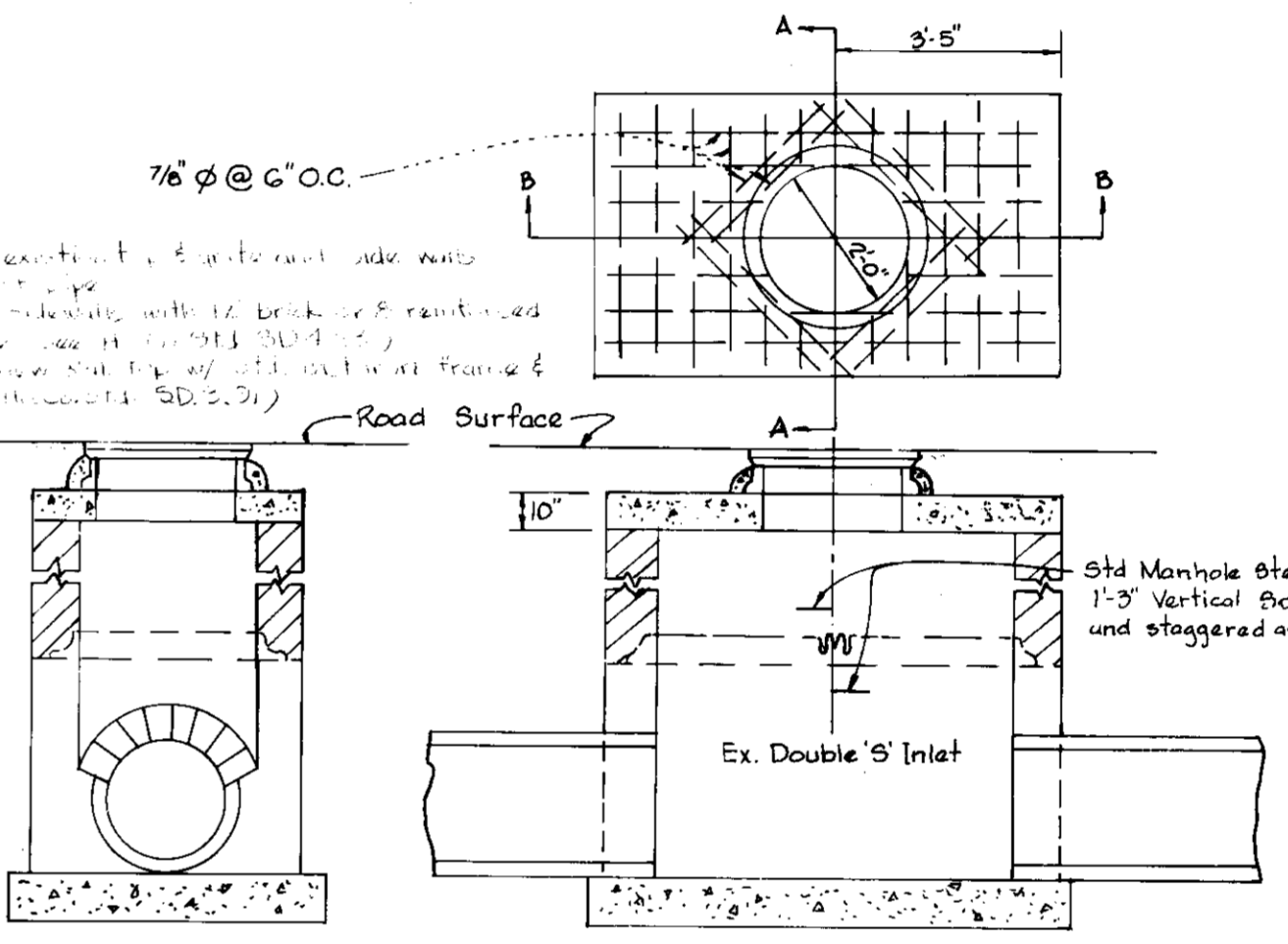
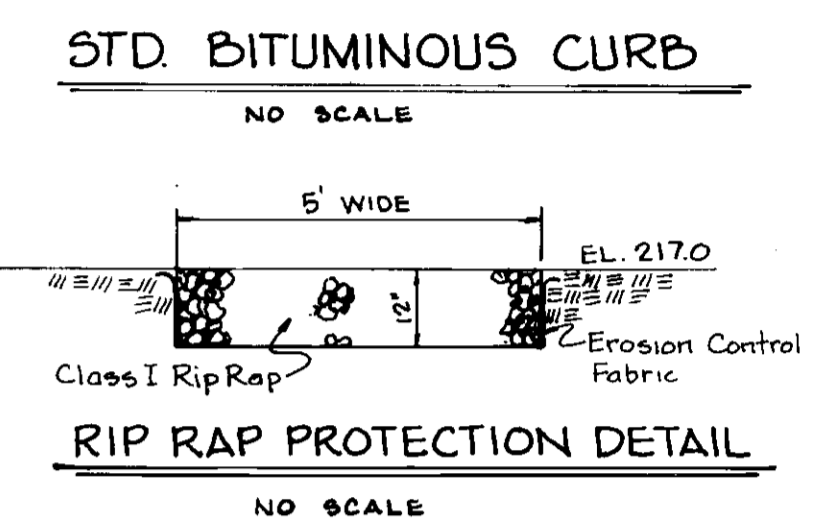
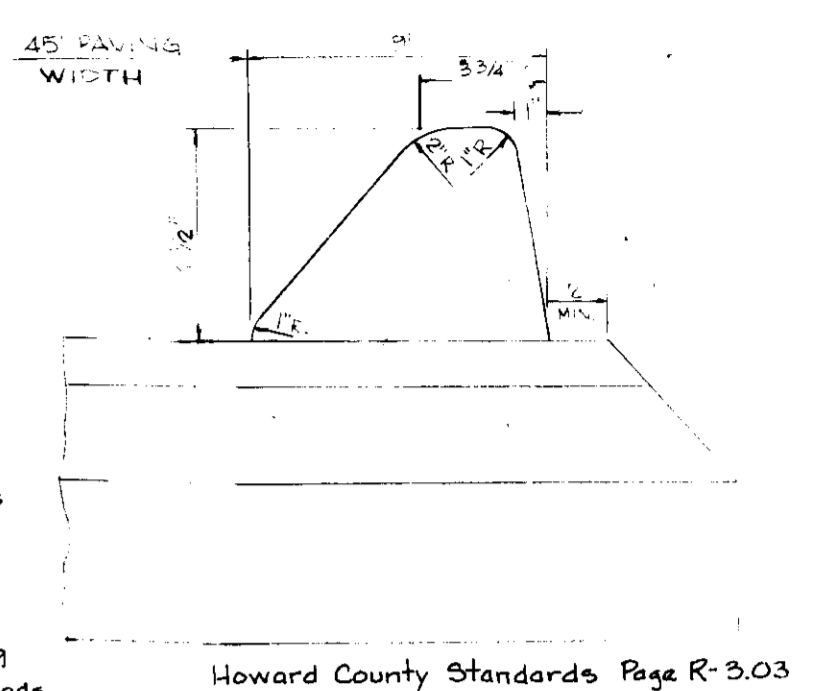


**1/2\"/>
 5\"/>
 Howard County Standards Page R-2.01
P-3 PAVING DETAIL
 NO SCALE**



CONSTRUCTION SPECIFICATIONS:

- Stone Size, use MSHA size No. 2 (2 1/2\"/>



SEQUENCE OF CONSTRUCTION:

- Install Erosion and Sediment Control Facilities
- Install Storm Drain S-2 to S-2, M-5 & I-1
- Construct driveway (incl. all grading as shown)
- Stabilized Graded Areas (See General Note 5)
- Maintain Sediment Traps through-out construction
- Final Grading
- Remove Sediment from Traps, Backfill, and Stabilize trap areas

OWNERS CERTIFICATE
 I certify that all development and construction will be done according to this plan of development and plan for sediment control and that all responsible personnel involved in the construction project will have a certificate of attendance at a Dept. of Natural Resources approved training program for the control of sediment and erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.
 [Signature] DATE: 10/23/81
 Oliver-Julian Savage

ENGINEERS CERTIFICATE
 I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
 [Signature] DATE: 6/30/81
 Harlan E. Vandenael PE 7327

STRUCTURE SCHEDULE

NO.	TYPE	ELEV. IN	ELEV. OUT	ELEV. TOP	REMARKS
I-1	MANHOLE TO TRAP			218.00	SEE DETAIL
S-2	C.M.P.A. END SECT	216.24			SEE DETAIL
S-3	C.M.P.A. END SECT		217.0		SEE DETAIL
M-5	MANHOLE			220.68	SEE DETAIL

revisions

no.	description	date

prepared by
rbba richard p. browne associates
 professional design & planning consultants
 suite 207 wide lake village green
 columbia, maryland 21044
 301/730-7950 596-3524

SITE DEVELOPMENT PLAN SEDIMENT CONTROL PLAN DETAILS

SCALE AS SHOWN

DRAWN	CHECKED
MK	JH

PROJ. NO. 4453 DATE 6-14-81

1 SHEET 1 OF

SDP-82-27