

APPROVED FOR PUBLIC WATER & PUBLIC SEWER COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *James Baker* DATE: 12-10-79

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *Thomas H. King* DATE: 12-11-79

CHIEF DIVISION OF LAND DEVELOPMENT
 DATE: 12-11-79

AT A MEETING OF THE CITY ENGINEERS AND ROAD & PUBLIC WATER AND PUBLIC SEWER, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 DIRECTOR: *W. F. Nunnery* DATE: 12-3-79

CHIEF BUREAU OF ENGINEERING
 DATE: 12-3-79

ENGINEER'S CERTIFICATE:
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS & THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Louis A. Spittel 5/7/79
 LOUIS A. SPITTEL DATE

DEVELOPER'S CERTIFICATE:
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL. WE AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HO. SO. CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ADE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HO. SO. CONSERVATION DISTRICT.

John B. Reynolds 7/10/79
 JOHN B. REYNOLDS DATE

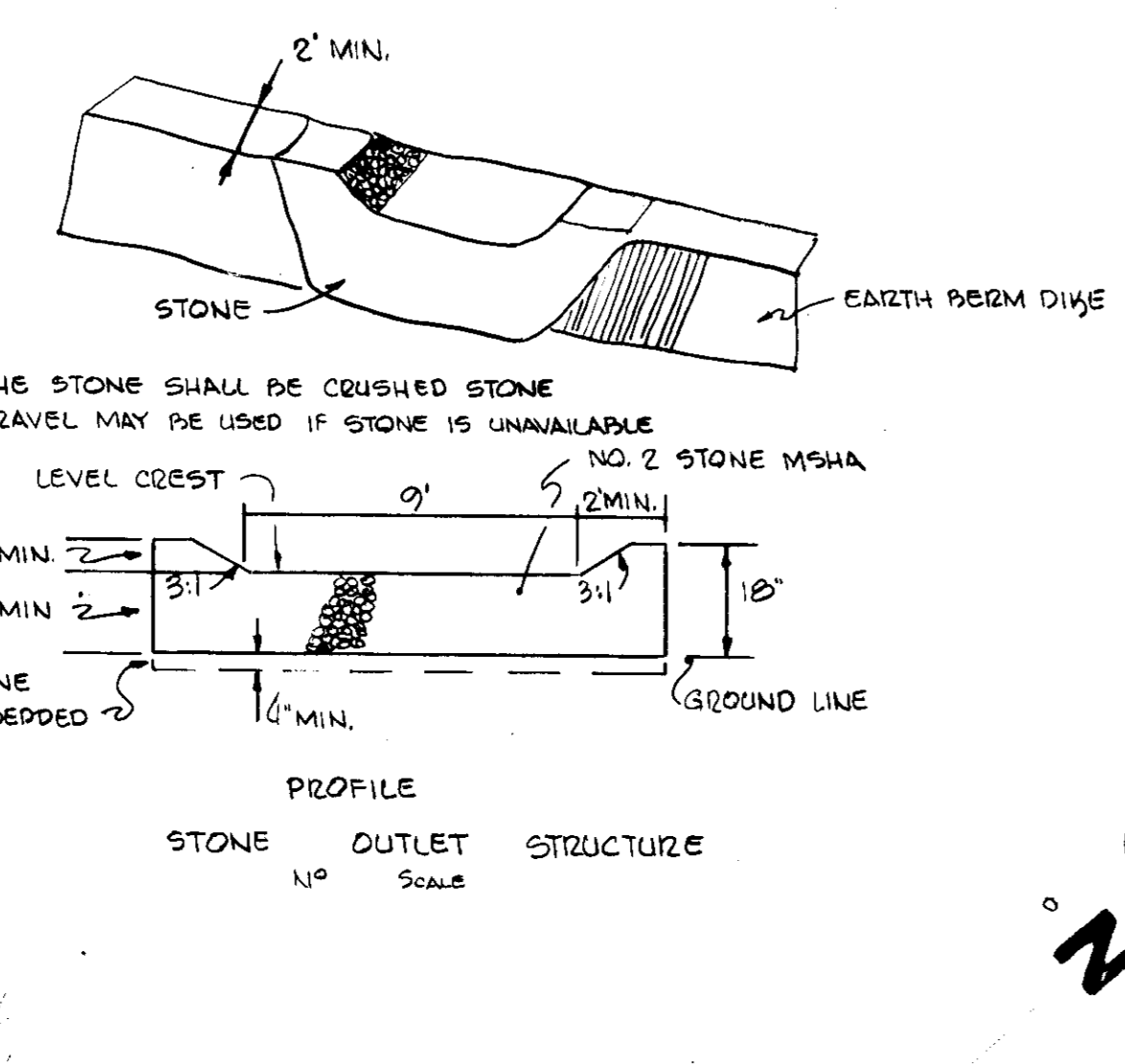
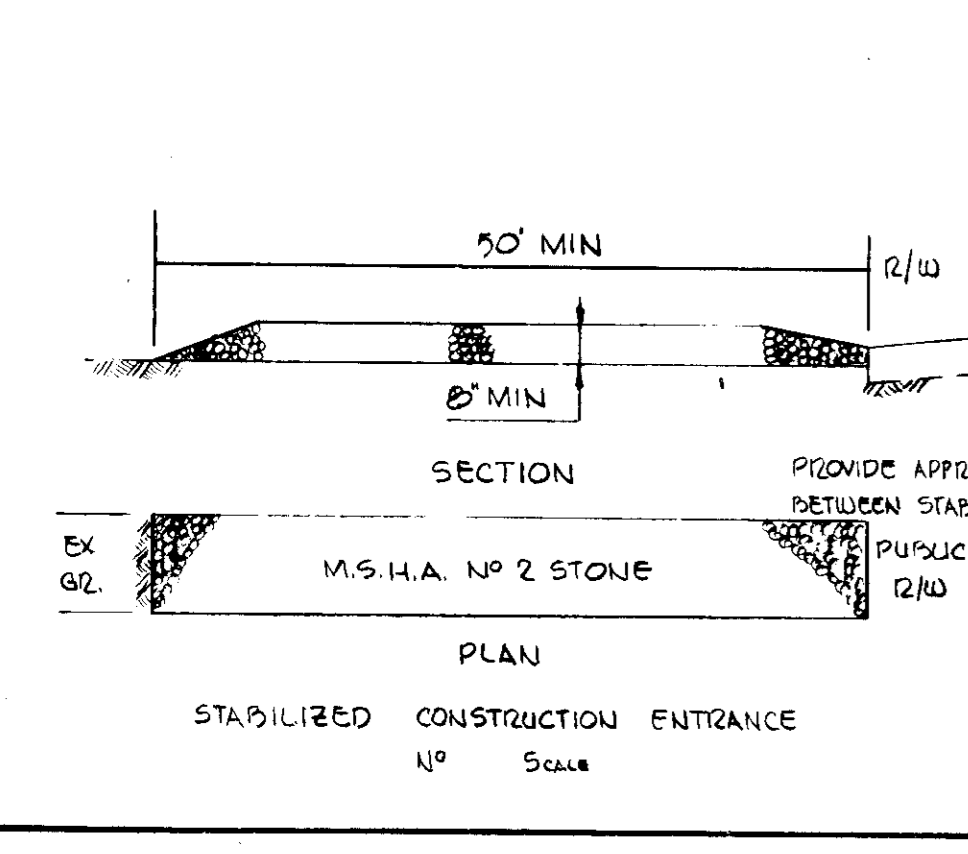
REVIEWED FOR HO. SOIL CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS.

J. Helms 11/24/79
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION SERVICE.

Robert W. Ziehn 11/24/79
 HO. SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL NOTES:
 1. OBTAIN GRADING PERMIT
 2. THE HO. CO. BUREAU OF LICENSE, INSPECTIONS & PERMITS SHALL BE GIVEN 24 HRS. NOTICE PRIOR TO ANY GRADING.
 3. ALL SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN UNLESS OTHERWISE SPECIFIED SHALL BE INSTALLED IN ACCORDANCE WITH NOTE 2.
 4. ALL SLOPES SHALL BE MAX. 3 TO 1.
 5. FOLLOWING THE STABILIZATION OF ALL AREAS TO BE UPGRADED, THE AREA OF SEDIMENT CONTROL MEASURES MAY BE REMOVED & GRADED TO THE FINAL GRADES SHOWN & STABILIZED IMMEDIATELY.
 6. IN THE EVENT OF EXCESS MATERIAL, EXCESS MATERIAL SHALL BE STOCKPILED WITH A MAX. SLOPE 3:1 IN AN AREA WHICH HAS BEEN CLEARED ON-SITE. STOCKPILED MATERIAL SHALL BE STABILIZED IN ACCORDANCE WITH NOTE 2.
 7. SEDIMENT CONTROL MEASURES WILL NOT BE REMOVED UNTIL APPROVAL IS OBTAINED FROM HO. CO. BUREAU OF PERMITS, INSPECTION & LICENSE.
 8. PERMANENT STABILIZATION
 APPLY: 2000 lbs. PER ACRE OF PULVERIZED DOLOMITIC LIMESTONE
 700 lbs. PER ACRE OF 0-20-0 SUPER PHOSPHATE
 1000 lbs. PER ACRE OF 10-10-10 FERTILIZER
 SEED: 25 lbs. PER ACRE OF KENTUCKY 31 TALL FESCUE & 25 lbs. PER ACRE OF ANNUAL RYE GRASS.
 NOTE: SEED BETWEEN MAR 1 - MAY 1 OR AUG. 1 - OCT. 1 ONLY.
 MULCH: 2 TONS PER AC. OF UNWEATHERED WHEATSTRAW TIE DOWN MULCH WITH 400 GAL. PER AC. OF LIQUID ASPHALT.



BITUMINOUS CONCRETE SURFACE	1 1/2" BAND C-3
BITUMINOUS CONC. BINDER	3" BAND C-2
CRUSHER RUN BASE	8" (2 COURSES)

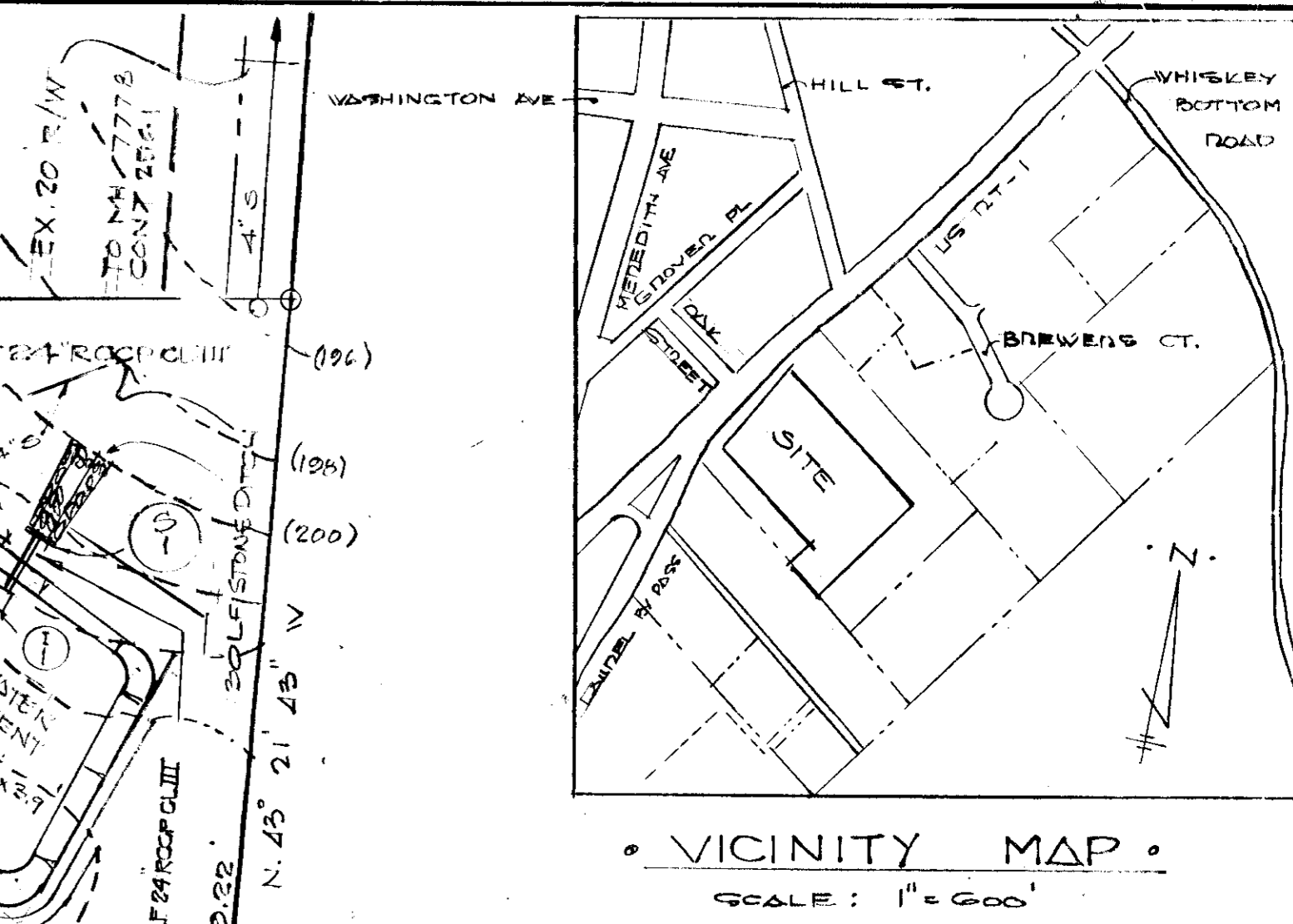
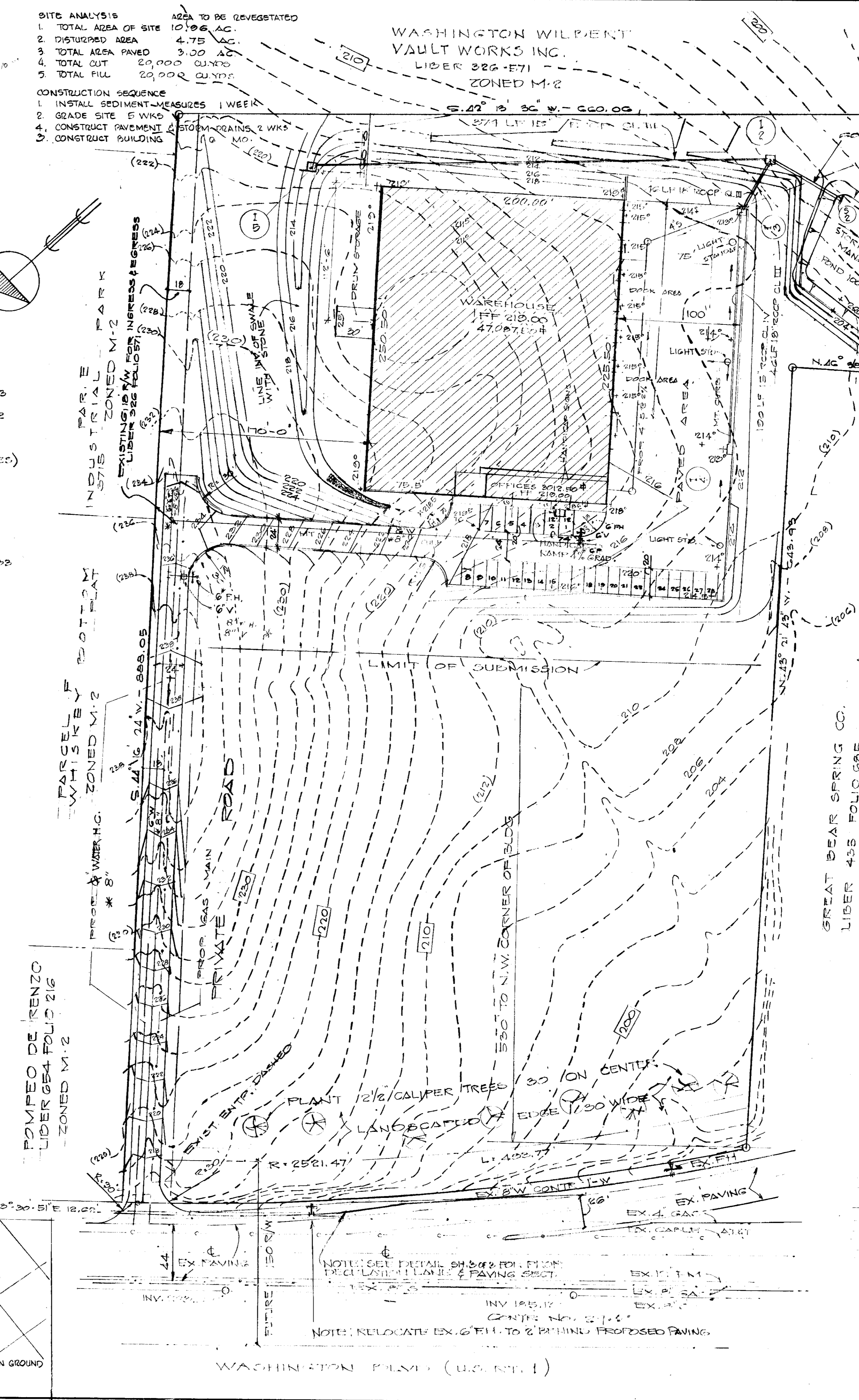
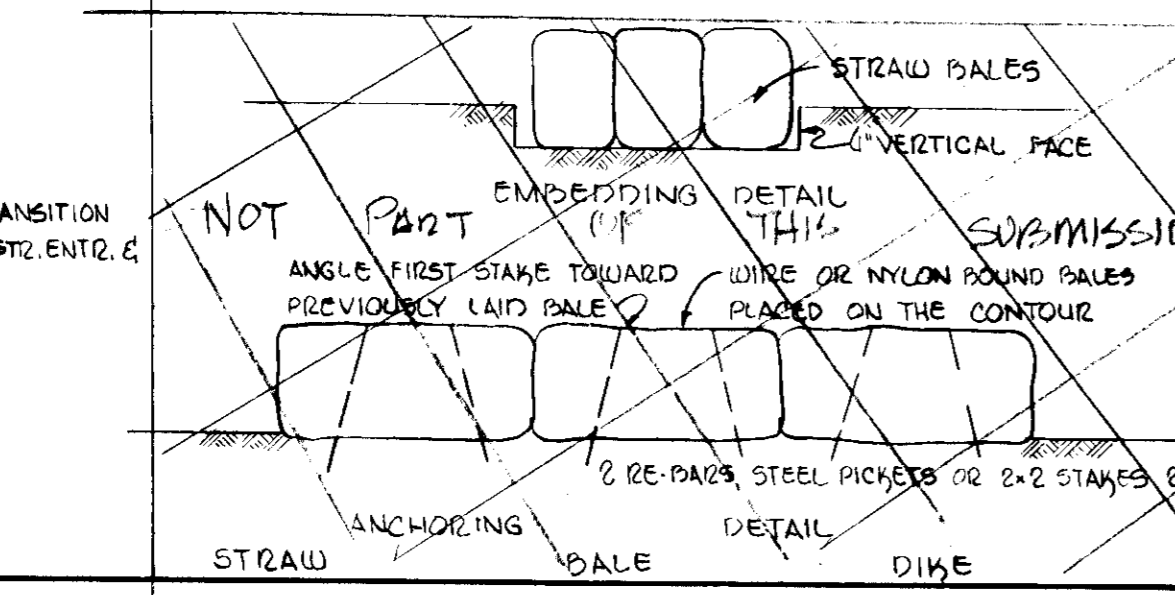
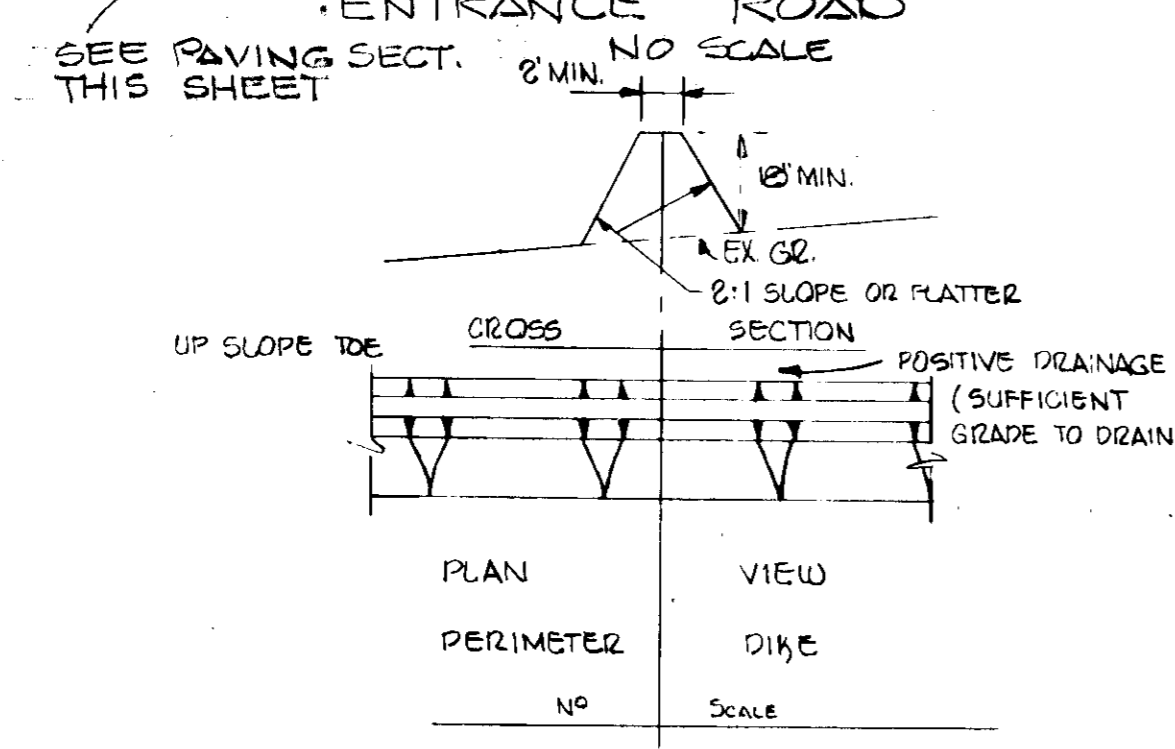
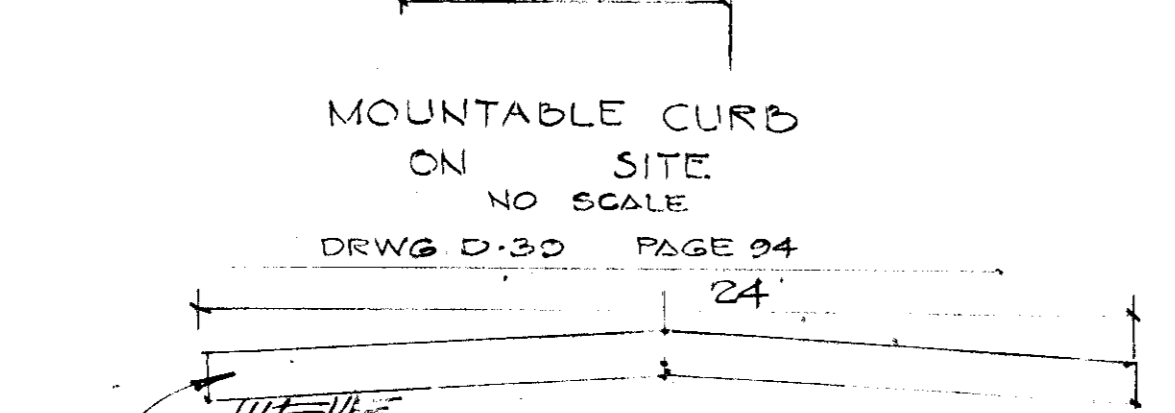
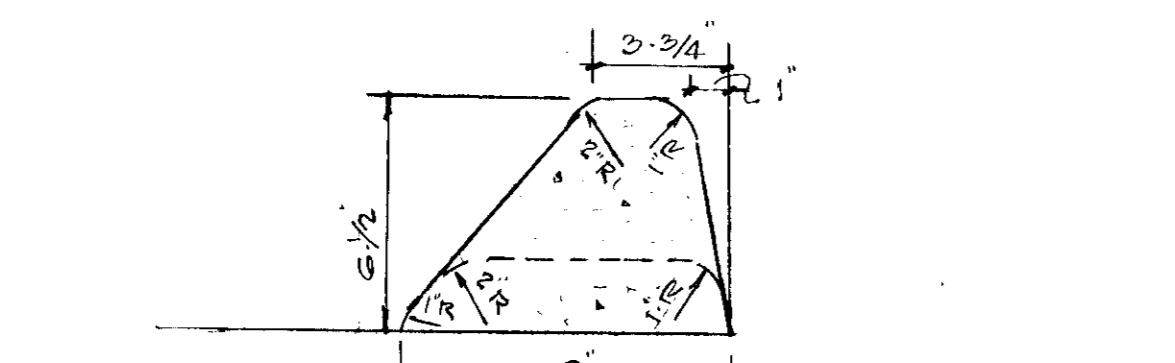
CLEANING AND GRADING SUBGRADE, BASE COURSE, BINDER COURSE, SURFACE COURSE

ARTICLE C-1
 ARTICLE C-2
 ARTICLE C-31 OR C-32
 ARTICLE C-31

TO BE CONSTRUCTED IN ACCORDANCE WITH THE HO. CO. ROAD CONSTRUCTION CODE AND SPECIFICATIONS

THIS SECTION APPLIES TO ON-SITE PAVING INCLUDING 24' WIDE ENTRANCE ROAD

TYPICAL PAVING SECTION ON SITE
 NO SCALE



GENERAL NOTES:
 1. TOTAL AREA OF PARCEL 10.94 AC. AREA OF DISTRICT 4.75 AC.
 2. OWNER: QUAKER MOTOR CITY MOTOR PARTS CO. INC. NORTH BOARD ST. MIDDLETOWN DELAWARE. 19709
 3. ZONING M-2 ZONING MAP 50
 4. TAX MAP 50 PARCEL 442
 5. SITE USE WAREHOUSE & OFFICE

6. DISTRICT 6 TH.
 7. PUBLIC WATER & SEWER
 8. 92 FT. OF BUILDING 50,100 sq ft
 9. PARKING (REQUIRED) WAREHOUSE ONLY 10 EMPLOYEES 5 SPACES OFFICE 5 EMPLOYEES 4 SPACES
 10. NO ON-SITE RETAIL SALES

INDICATES LIGHT STANDARD & DIRECTION OF BEAM, WESTINGHOUSE MERCURY LAMP PALE MOUNTED 16' HIGH

ELEVATION NO SCALE

REVISED 4-23-80 DUE TO INCREASED SPRINKLER REQUIREMENTS

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE: 10-23-79
Louis A. Spittel 5/7/79

SITE DEVELOPMENT PLAN
 10.94 AC. PARCEL ROUTE # 1
 PARCEL NO. 442

6TH. DISTRICT
 SCALE: 1" = 50'

HO. CO. MD.
 MAY 23, 1979

ENGINEERS: LOUIS A. SPITTEL
 8231 MAIN STREET
 ELLICOTT CITY, MD. 21042
 465-2990

APPROVED FOR PUBLIC WATER & PUBLIC SEWER COUNTY HEALTH DEPARTMENT

Joseph J. ... 12-10-79
 COUNTY HEALTH OFFICER DATE:

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

... 12-11-79
 PLANNING DIRECTOR DATE:

... 12-17-79
 CHIEF DIVISION OF LAND DEVELOPMENT DATE:

APPROVED FOR PUBLIC WATER & PUBLIC SEWER HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

... 12-3-79
 DIRECTOR DATE:

... 12-3-79
 CHIEF BUREAU OF ENGINEERING DATE:

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John B. Reynolds 7/10/79
 JOHN B. REYNOLDS DATE:

REVIEWED FOR HO. CO. CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS.

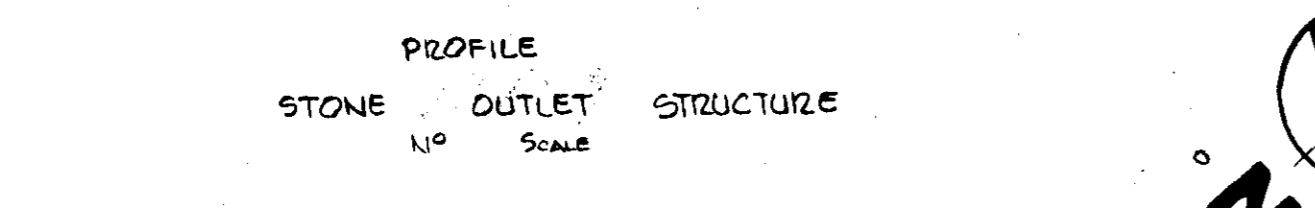
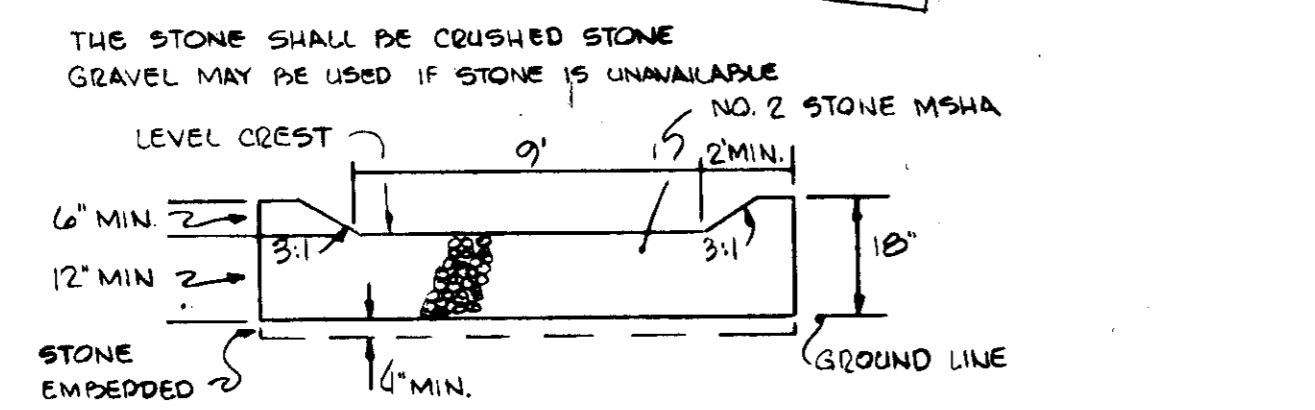
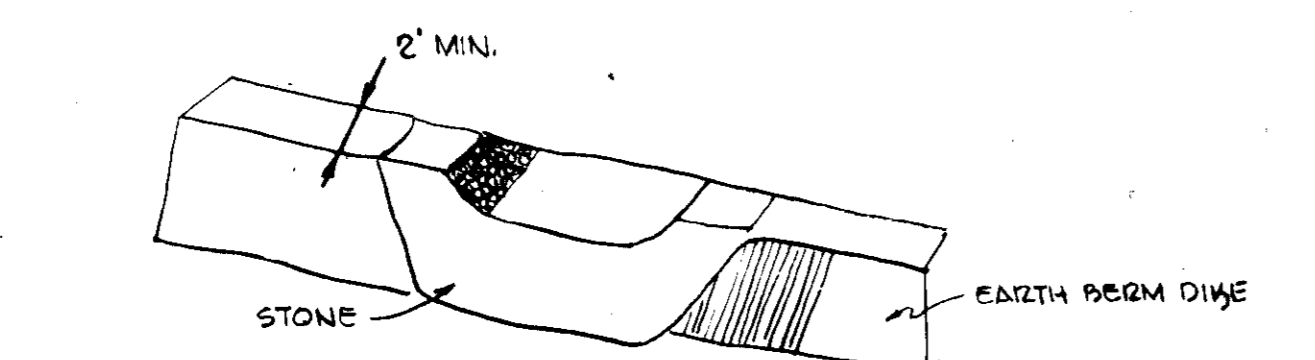
J. Helm 11-24-79
 U.S. SOIL CONSERVATION SERVICE DATE:

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Robert W. Zelin 11-24-79
 HO. CO. CONSERVATION DISTRICT DATE:

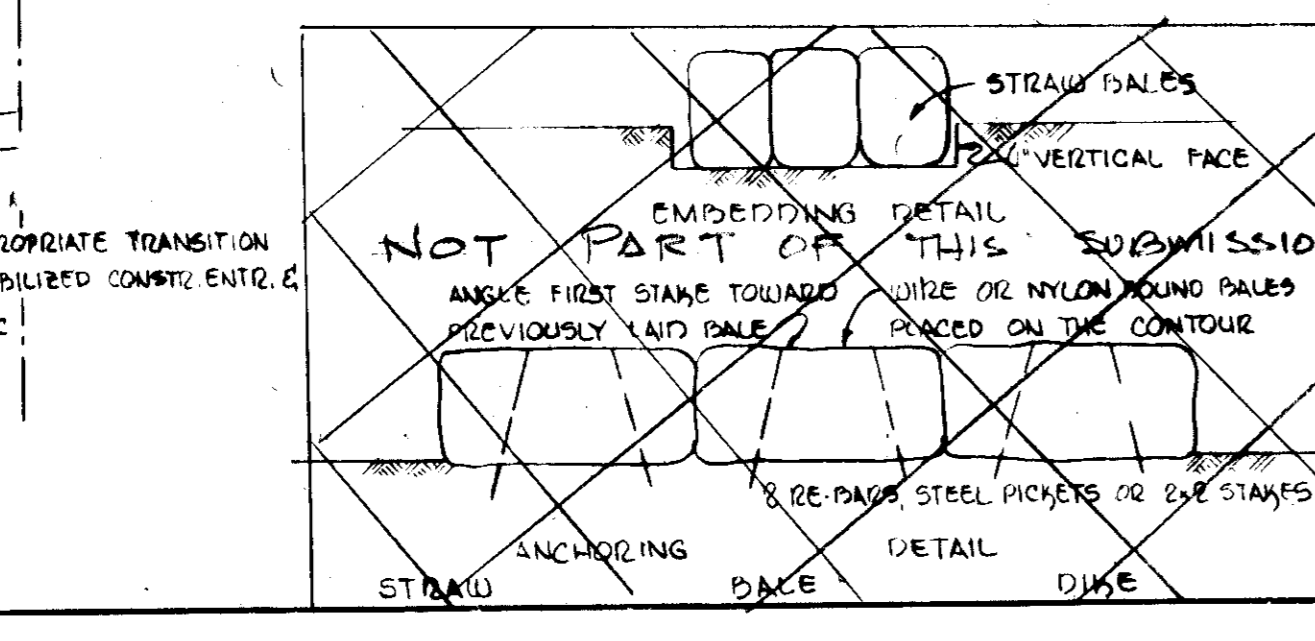
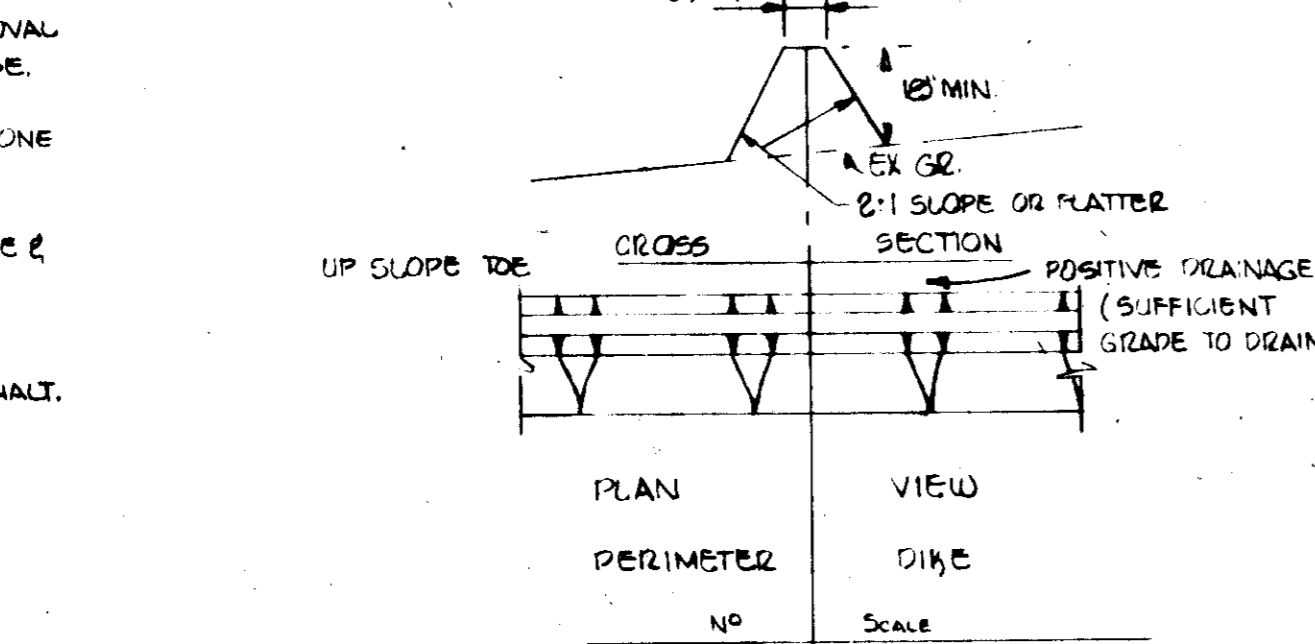
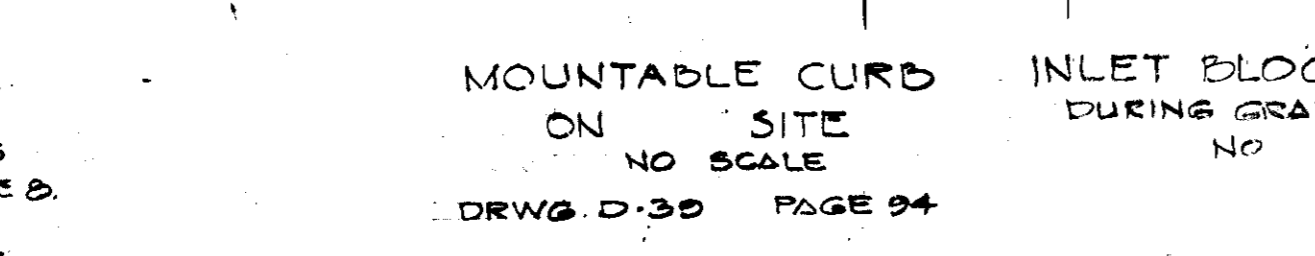
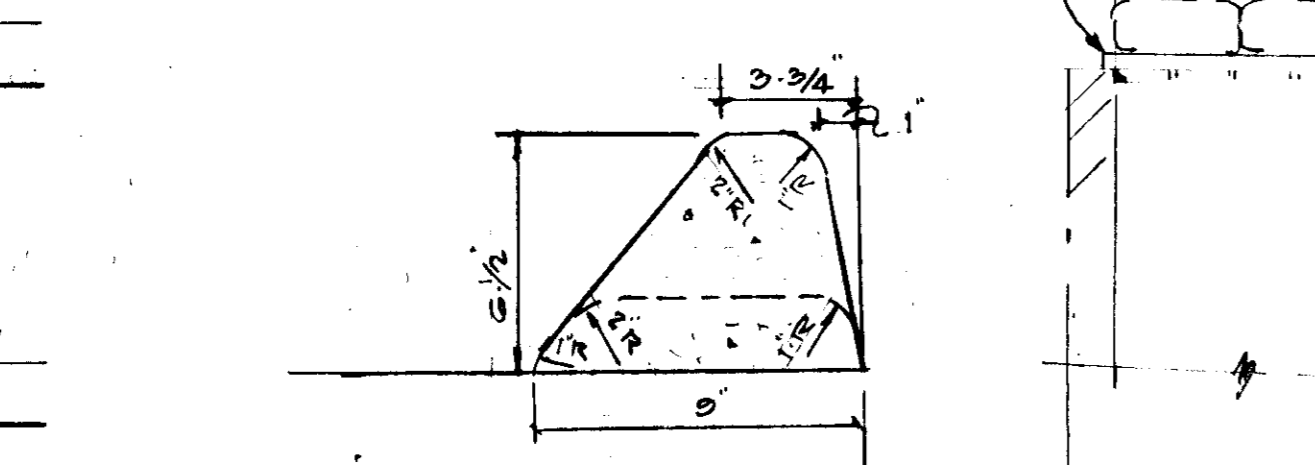
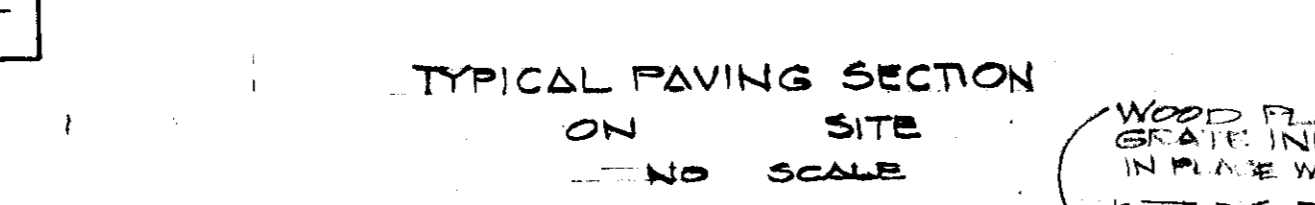
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CLEANING AND GRADING ARTICLE C-1
 SUBGRADE ARTICLE C-2
 BASE COURSE ARTICLE C-2
 BINDER COURSE ARTICLE C-2
 SURFACE COURSE ARTICLE C-3
 TO BE CONSTRUCTED IN ACCORDANCE WITH THE HO. CO. ROAD CONSTRUCTION CODE AND SPECIFICATIONS

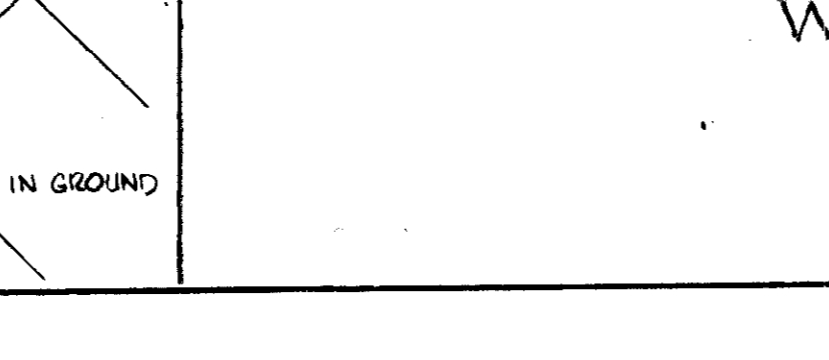
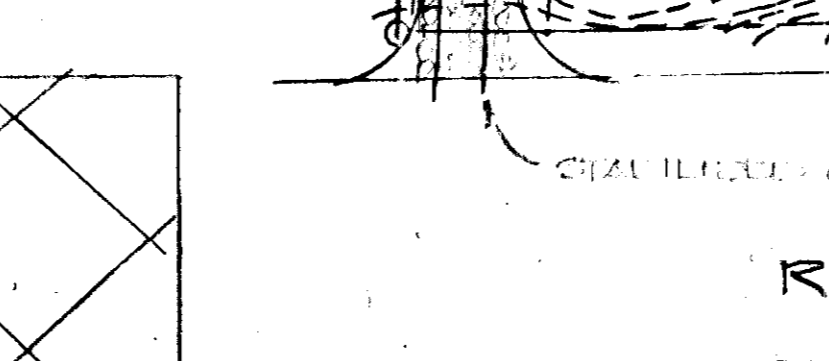
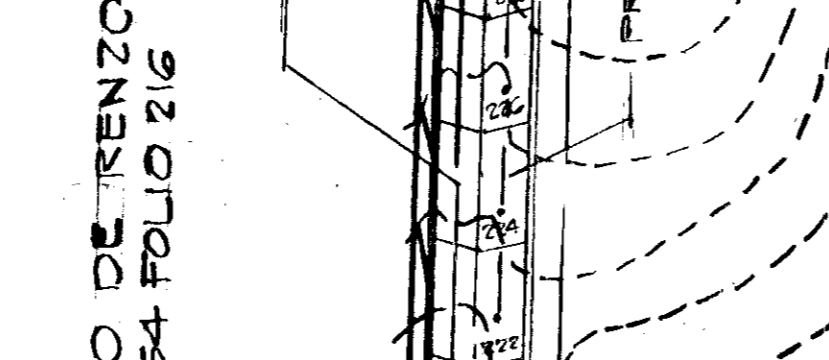
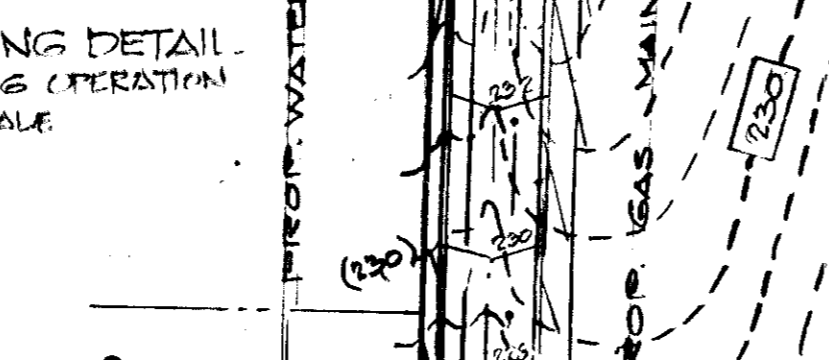
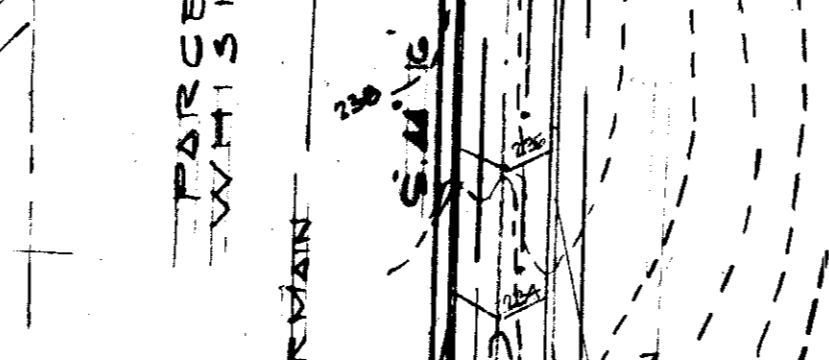
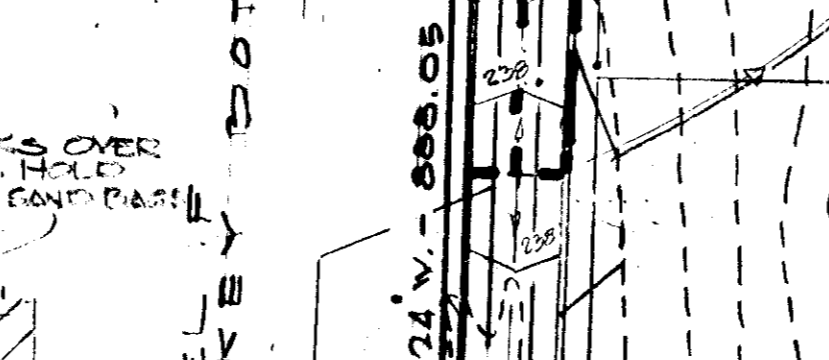
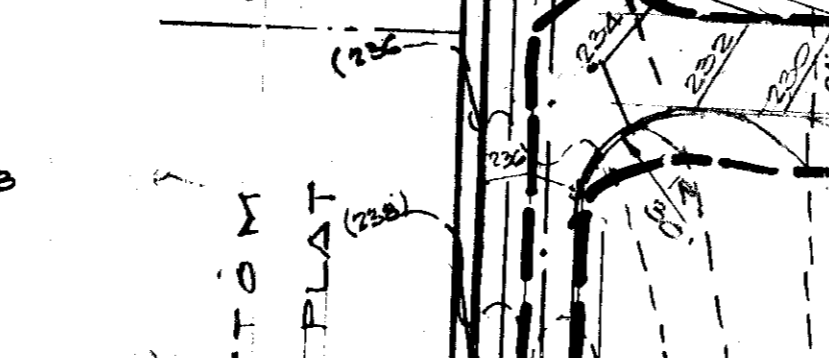
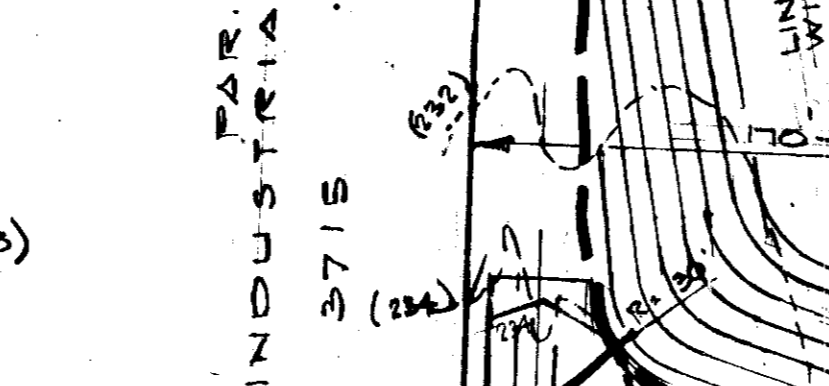
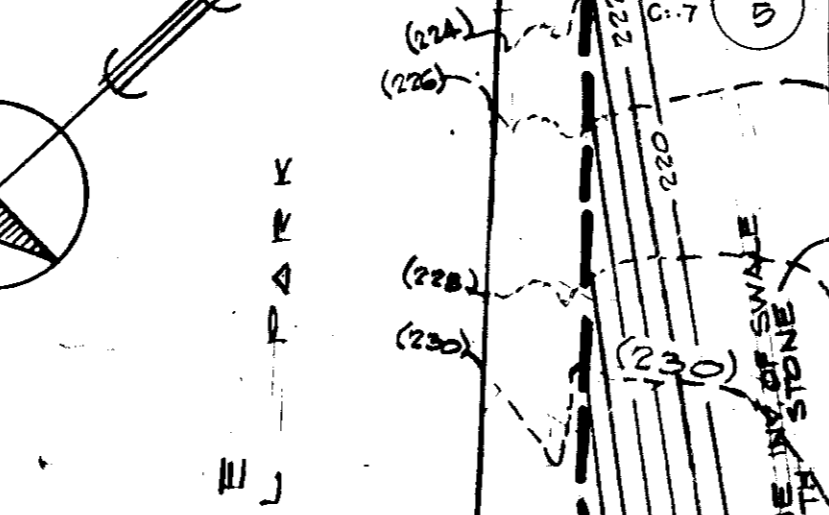


SITE ANALYSIS AREA TO BE REVEGETATED

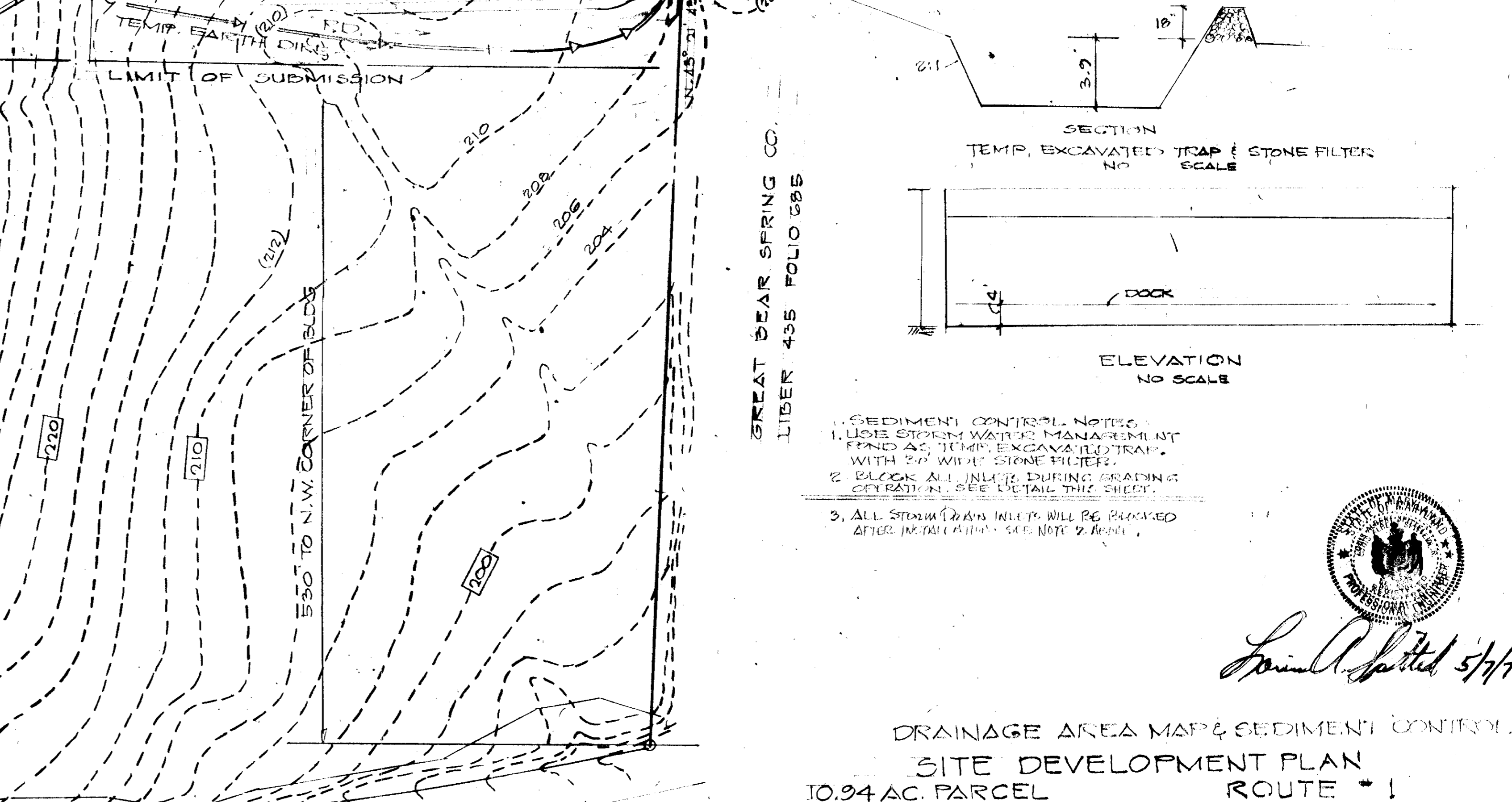
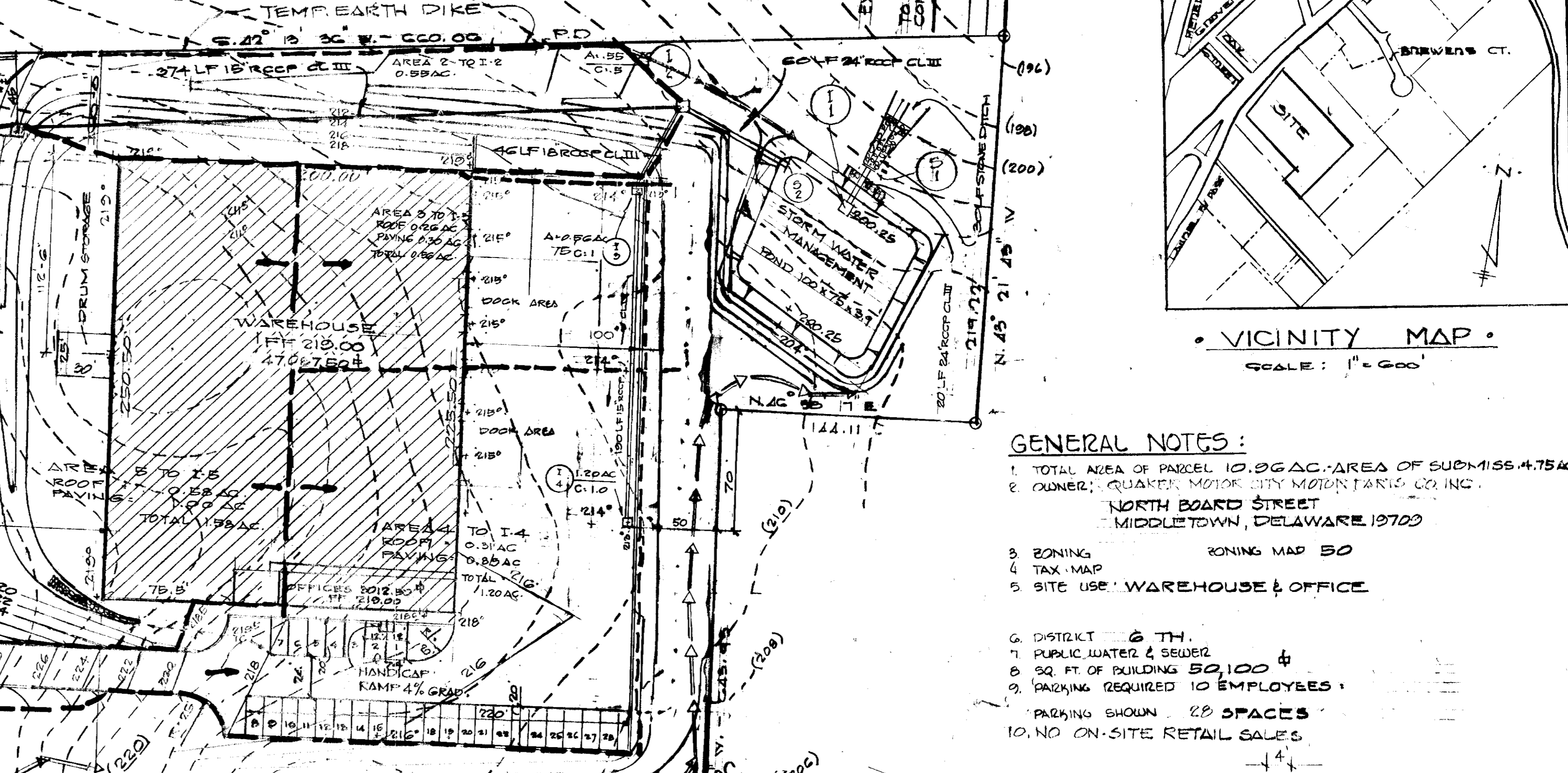
1. TOTAL AREA OF SITE 10.94 AC.
2. DISTURBED AREA 4.75 AC.
3. TOTAL AREA PAVED 3.00 AC.
4. TOTAL CUT 10 MO.
5. TOTAL FILL 10 MO.

CONSTRUCTION SEQUENCE

1. INSTALL SEDIMENT MEASURES 1 WEEK
2. GRADE SITE 5 WKS
3. CONSTRUCT PAVEMENT & STORM DRAINS 2 WKS
4. CONSTRUCT BUILDING



WASHINGTON WILBERT VAULT WORKS INC. LIDER 326-571



ROUTE 1 WASHINGTON BLVD.

APPROVED DIVISION OF LAND DEVELOPMENT HOWARD COUNTY, MARYLAND DATE: 10-23-79

ENGINEERS: LOUIS A. SPITTEL 4631 MAIN STREET ELLICOTT CITY, MD 21045 465-2890

SCALE: 1" = 50'

6TH DISTRICT

HO. CO. MD. MAY 23, 1979

SHEET 2 OF 2 SDP-80-05

APPROVED FOR PUBLIC WATER AND PUBLIC SEWER
COUNTY HEALTH DEPARTMENT

John Byrum COUNTY HEALTH OFFICER
12-16-79 DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

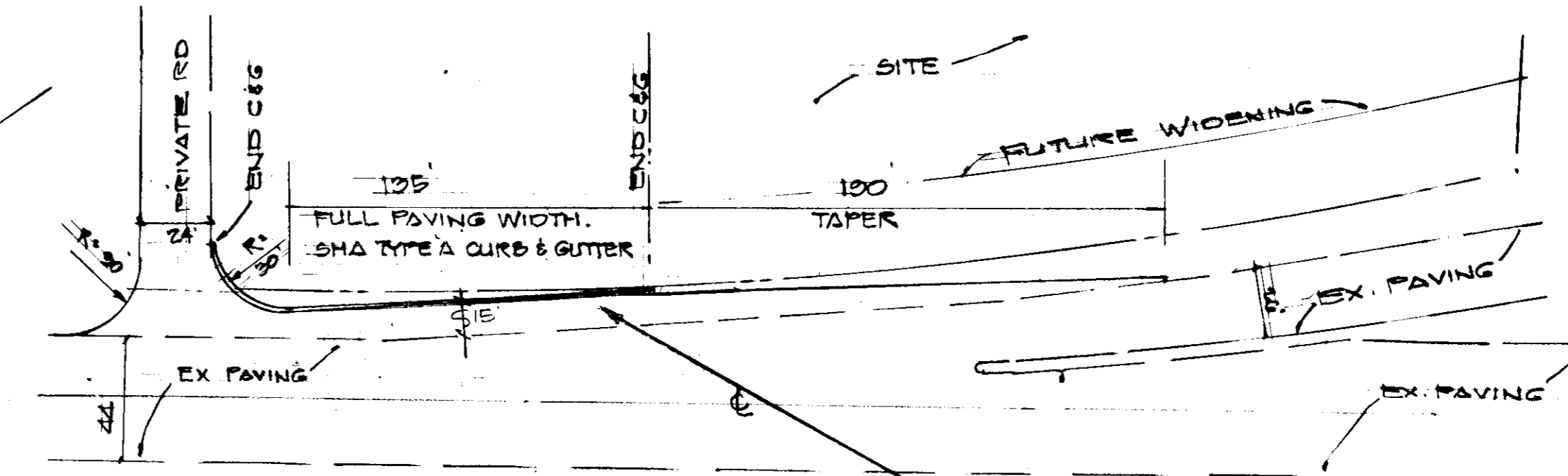
Thomas L. Harris PLANNING DIRECTOR
12-11-79 DATE
Phillip M. ... CHIEF, DIVISION OF LAND DEVELOPMENT
12-11-79 DATE

APPROVED FOR STORM DRAIN SYSTEMS AND ROADS & PUBLIC WATER AND PUBLIC SEWER
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

W. F. ... DIRECTOR
12-3-79 DATE
W. O. ... CHIEF, BUREAU OF ENGINEERING
12-3-79 DATE

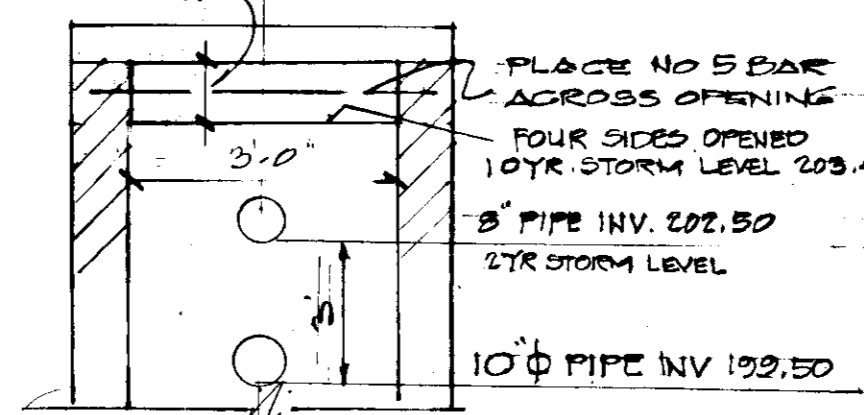
REVIEWED FOR HO. SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS
J. Helm... U.S. SOIL CONSERVATION SERVICE
11-24-79 DATE

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Robert W. Ziehm HOWARD SOIL CONSERVATION DISTRICT
11-24-79 DATE

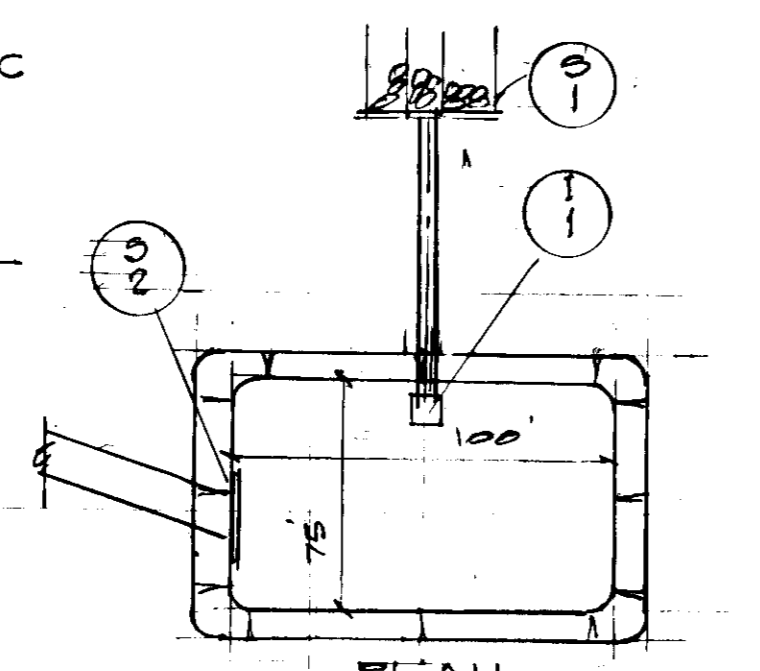


ENTRANCE DETAIL
PLAN SCALE: 1" = 5'

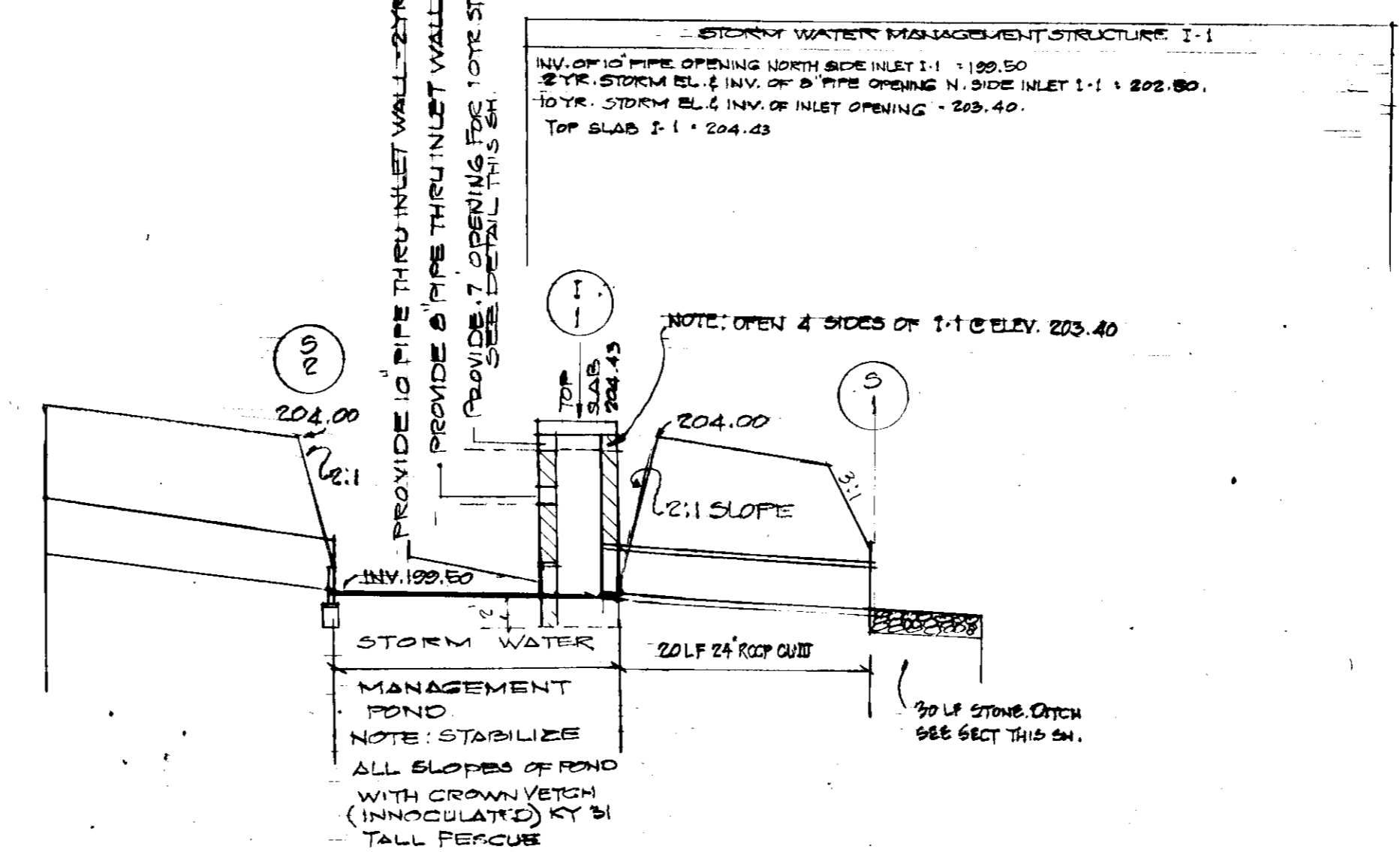
PAVING WITHIN S.H.A. RIGHT OF WAY SHALL CONSIST OF:
3" COMPACTED BITUMINOUS CONCRETE PLACED AS FOLLOWS:
6" BASE IN 2-3" LAYERS UTILIZING A B1 MIXTURE PLUS,
3" SURFACE IN 2-2 1/2" LAYERS UTILIZING A SN MIXTURE OR
3" BITUMINOUS CONCRETE PAVEMENT PLACED AS FOLLOWS:
7/8" BASE IN 1-2" AND 1-3/8" LAYER UTILIZING A B1 MIXTURE PLUS 1-1/2" SURFACE COURSE UTILIZING A SN MIXTURE.



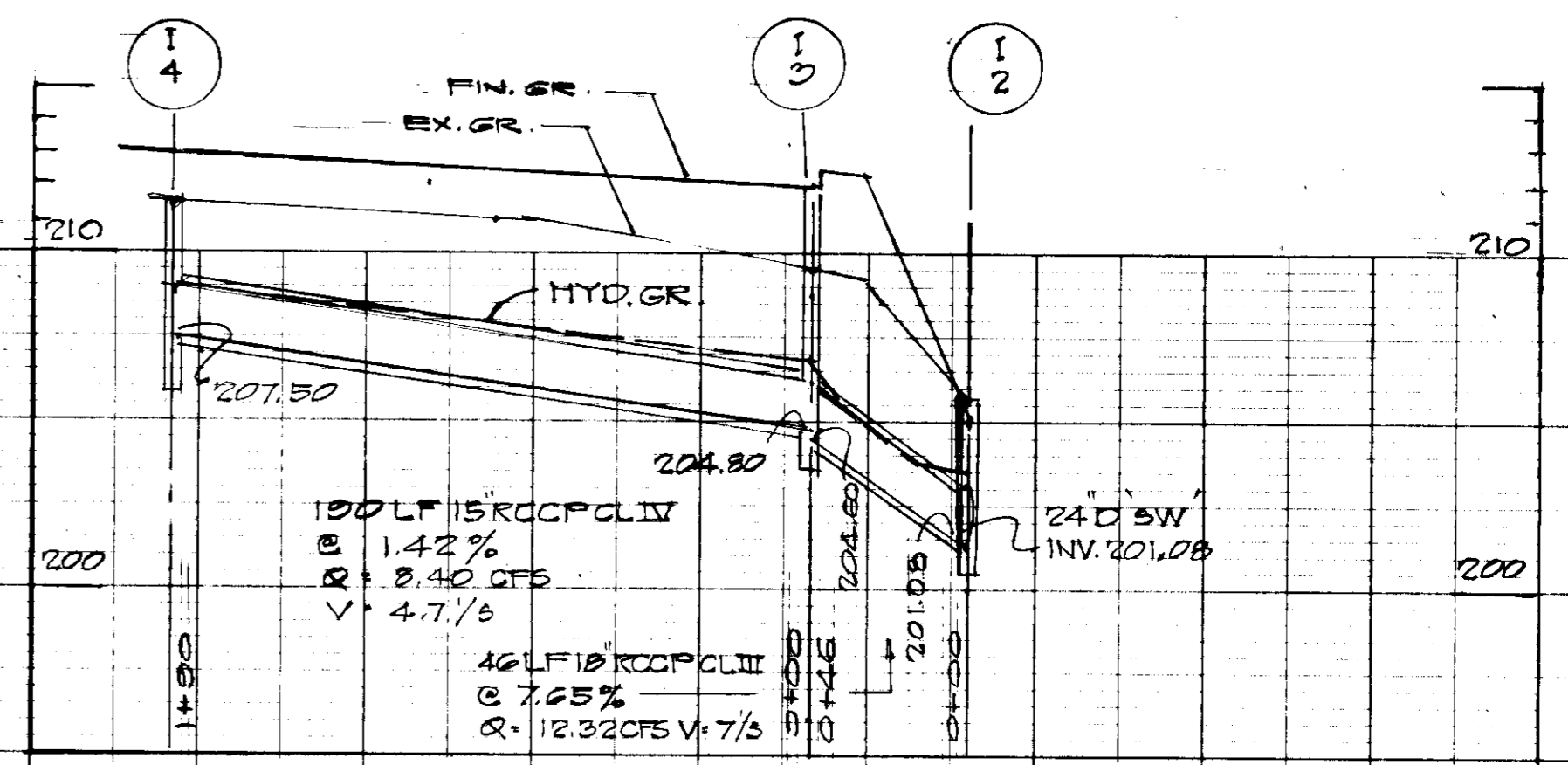
DETAIL I-1
NORTH FACE
NO SCALE



PLAN
100 X 75 X 3000 STORM WATER MANAGEMENT POND
NO SCALE



SECTION STORM WATER MANAGEMENT SYSTEM
NO SCALE

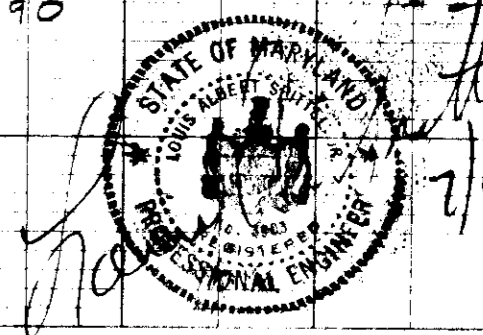


APPROVED
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
DATE 10-23-79
JUM

STORM DRAIN PROFILES
10.04 AC. PARCEL RT. 1
6TH DIST. PARCEL NO 442 HO. CO. MD
SCALE: 1" = 50' HOR. MAY 25, 1979
1" = 5' VERT.

ENGINEER: LOUIS A. SPITTEL
2221 MAIN ST.
ELLICOTT CITY MD 21043
465-2990



PLAN

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO. OF WAY CHECKED	

PROFILE

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO. OF WAY CHECKED	
STRUCTURE NOTATION CHKD	

STRUCTURE SCHEDULE

NO	TYPE	INV IN	INV OUT	TOP EL.	REMARKS
I-1	MOD. CLASS. C INLET	199.50	199.50	204.43	SEE HO. CO. STD. DRWG. D-46 PAGE 110-C
I-2	CLASS. C INLET	201.83	201.08	203.83	SEE HO. CO. STD. DRWG. D-46 PAGE 110-C
I-3	CLASS. S DIB GRATE	204.80	204.60	213.00	DRWG. D-08 PAGE 15B
I-4	CLASS. S DIB GRATE	-	207.50	213.00	-
I-5	CLASS. C INLET	197.65	197.65	201.6	SEE HO. CO. STD. DRWG. D-46 PAGE 110-C
S-1	TYPE C BOW WALL	-	199.30	-	SEE HO. CO. STD. DRWG. D-52 PAGE 107
S-2	STAND. SUPPORT WALL	-	199.50	-	SEE HO. CO. STD. DRWG. D-46 PAGE 101

374 LF 15" RCP CL. III @ 1.74%
R=7.44 CFS
V=6.0 1/8

30 LF STONE OUTFALL DITCH
@ 1.00%
R=21.11 CFS
V=4.02 1/8