

APPROVED FOR CONSTRUCTION WITHOUT WATER AND SEWER FACILITIES.  
 HOWARD COUNTY HEALTH DEPARTMENT

*Joseph Ford* 12-11-77  
 DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

*William ...* 12-16-77  
 DATE

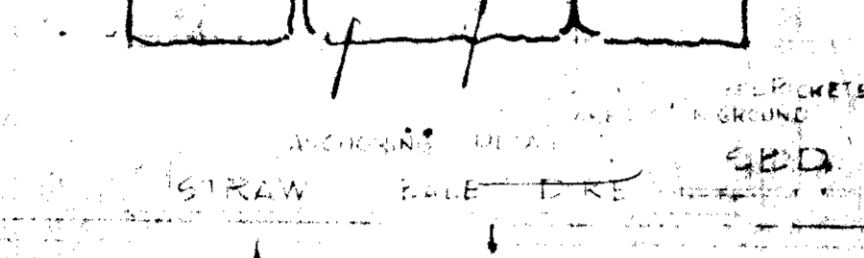
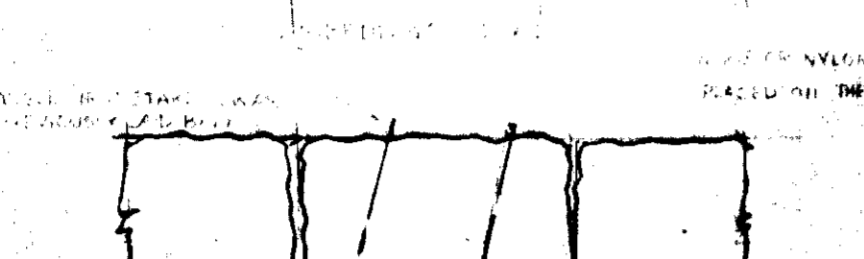
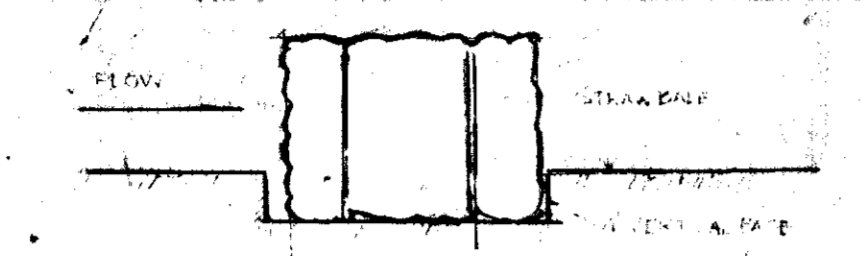
APPROVED BY THE BOARD OF SUPERVISORS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*W. O. ...* 12-16-77  
 DATE

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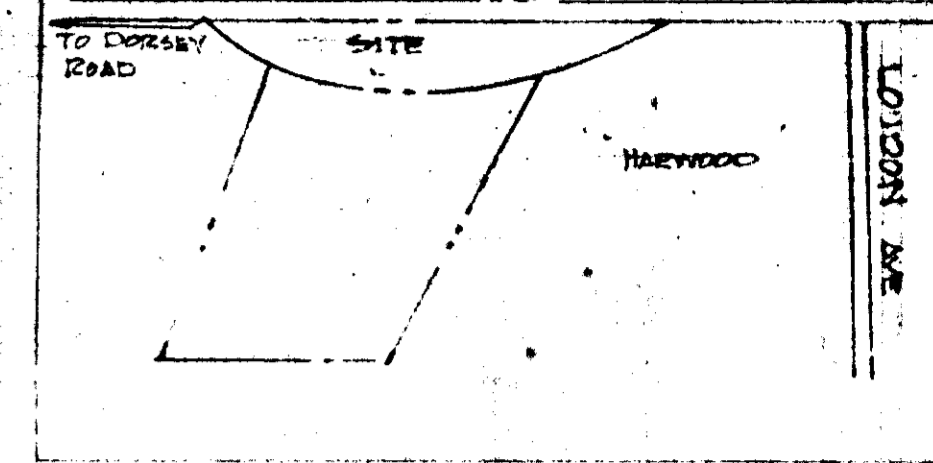
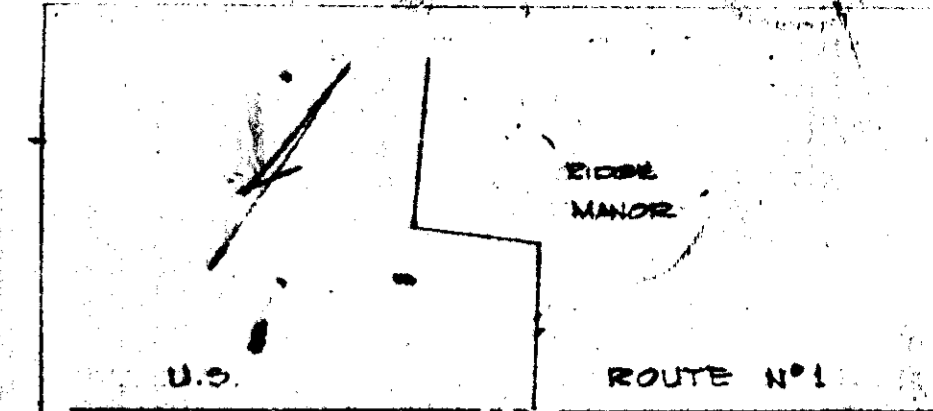
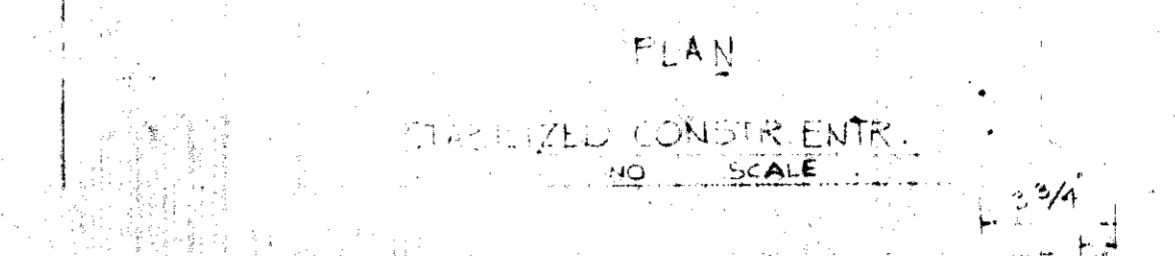
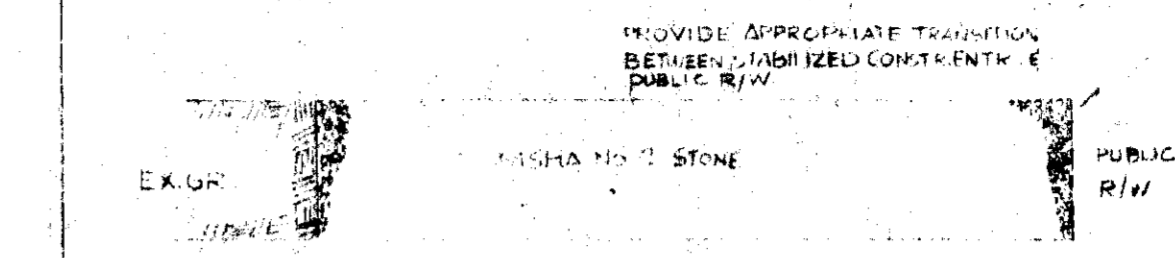
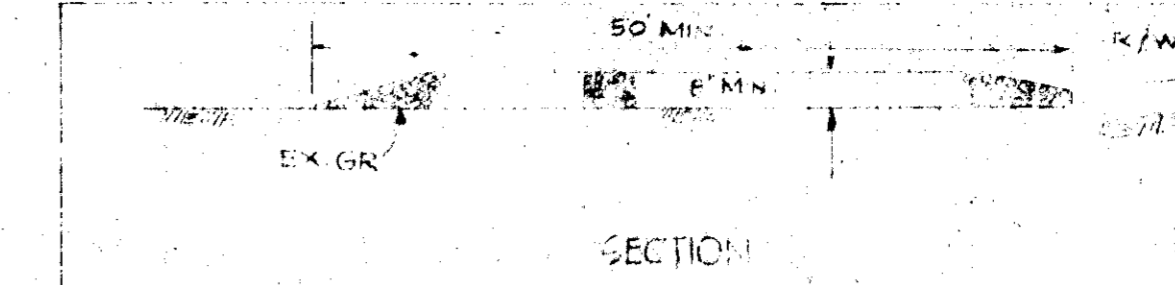
**SITE ANALYSIS**  
 TOTAL AREA OF SITE 3.50 AC.  
 DISTURBED AREA 0.48 AC.  
 TOTAL AREA PAVED 0.28 AC.  
 TOTAL CUT 200 CU. YDS.  
 TOTAL FILL 200 CU. YDS.

**CONSTRUCTION SEQUENCE**  
 1. INSTALL 2 1/2' HIGH CONCRETE CURBS  
 2. STABILIZE SITE  
 3. CONSTRUCT TOWNMENT DRAIN  
 4. CONSTRUCT BUILDINGS



- SEDIMENT CONTROL LIST**
- OBTAIN GRADING PERMIT.
  - THE HO. CO. BUREAU OF LICENSE INSPECTION & PERMITS WILL BE GIVEN 24 HRS. NOTICE PRIOR TO ANY GRADING.
  - ALL SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN UNLESS OTHERWISE SPECIFIED WILL BE INSTALLED & STABILIZED IN ACCORDANCE WITH NOTE #8.
  - ALL SLOPES TO BE MAX. 3:1.
  - FOLLOWING THE STABILIZATION OF ALL AREAS TO BE GRADED, THE AREA OF SEDIMENT CONTROL MEASURES MAY BE REMOVED & GRADED TO THE FINAL GRADE. EXCAVATION & STABILIZED IMMEDIATELY.
  - IN THE EVENT OF EXCESS MATERIAL, EXCESS WILL BE STOCKPILED WITH A MAX. SLOPE OF 3:1 IN AN AREA WHICH HAS BEEN CLEARLY ON SITE. STOCK PILED MATERIAL SHALL BE STABILIZED IN ACCORDANCE WITH NOTE #8.
  - SEDIMENT CONTROL MEASURES WILL NOT BE REMOVED UNTIL AFTER SWALS OBTAINED FROM THE HO. COUNTY BUREAU OF LICENSE INSPECTION & PERMITS.
  - TEMPORARY STABILIZATION**  
 APPLY 2000 LBS. PER AC. OR 11.5 LBS. PER SQ. FT. OF PULVERIZED LIME STONE, 500 LBS. PER AC. OR 11.5 LBS. PER SQ. FT. OF 5-5-5 FERTILIZER.  
 PLANT TO RYE GRASS @ 40 LBS. PER AC.  
 FERTILIZE WITH 6-10-10 & MULCH WITH STRAW @ 2 TONS PER AC. (ANCHOR)
  - PERMANENT STABILIZATION**  
 APPLY 2000 LBS. PER AC. OF PULVERIZED DOLOMITIC LIMESTONE  
 700 LBS. PER AC. OF 0-20-0 SUPER PHOSPHATE  
 1000 LBS. PER AC. OF 10-10-10 FERTILIZER.  
 SEED: 50 LBS. PER AC. OF KENTUCKY 31 TALL FESCUE  
 CONTINUED-SEE ABOVE

NOTE: ALL ENTRANCES & GATES TO WASHINGTON BLDG TO BE CLOSED PERMANENTLY.



SCALE 1" = 100'

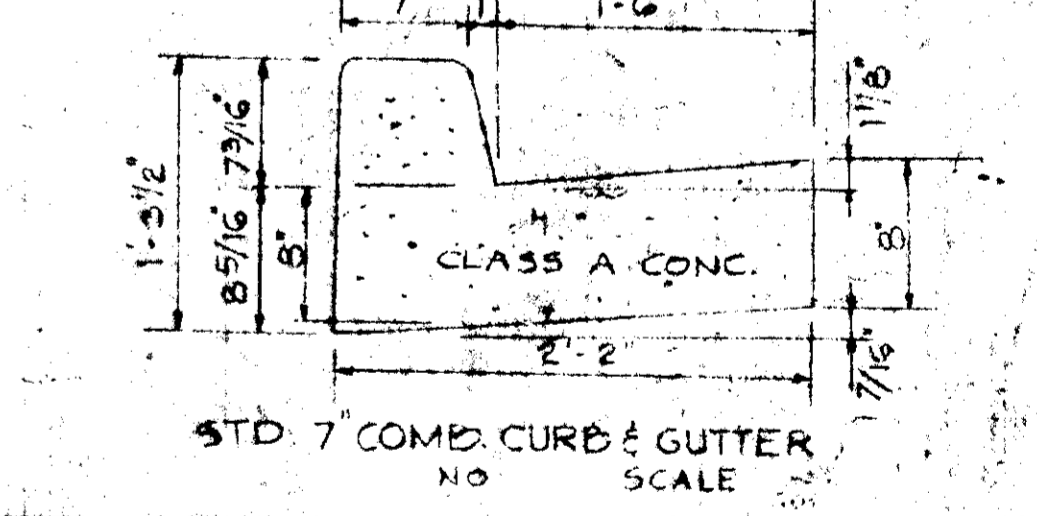
- GENERAL NOTES**
- PARCEL # 847 BLOCK # 15 TAX MAP # 18
  - AREA OF PARCEL 3.50 AC.
  - ZONING M-1 ZONING MAP # 38
  - NO WATER AND SEWER FACILITIES.
  - OWNER: EDWARD J. & BERNADETTE E. ROBERTS
  - DEED REF. LIBER 429 FOLIO 647
  - PROPOSED USE: STORAGE, MACHINE EQUIPMENT.

- PARKING: NO. OF SPACES REQUIRED = 8, BASED ON 3780' OF BLDG & 1 SPACE PER 500 SQ. FT.
- PARKING SPACES SHOWN = 8
- PARKING SPACES ARE 10' X 20'
- ALL PARKING SPACES 10' X 20'
- ALL PARKING SPACES 10' X 20'
- NO PLUMBING FIXTURES PROPOSED
- NO ON-SITE RETAIL SALES AREA
- EXISTING LIGHTING - NONE
- PROPOSED LIGHTING - NONE
- NO EMPLOYEES ON SITE = 0

BITUMINOUS CONCRETE SURFACE	CLASS C-3
BITUMINOUS CONCRETE BINDER	C-5 (GRAVEL MIX)
CRUSHER RUN BASE	C-6

- CLEARING AND GRADING**  
 SUBGRADE  
 BASE COURSE  
 BINDER COURSE  
 SURFACE COURSE
- ARTICLE C-1  
 ARTICLE C-2  
 ARTICLE C-3  
 ARTICLE C-4  
 ARTICLE C-5  
 ARTICLE C-6  
 ARTICLE C-7
- ALL BASE COURSE SHALL BE PLACED IN ACCORDANCE WITH SECTION C-30-B-1-1 PROVIDED IN THE HO. CO. ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS. TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HO. CO. ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH HO. CO. ROAD CONSTRUCTION CODE.

TYPICAL ON-SITE PAVING SECTION  
 NO SCALE



ENGINEER'S STATEMENT  
 I HEREBY CERTIFY THAT THE PLAN FOR THE PROPOSED DEVELOPMENT AND THE SEDIMENT CONTROL MEASURES SHOWN THEREON WERE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY HEALTH DEPARTMENT.

*John ...* 6/22/77  
*John ...* 11/14/77

STATE OF MARYLAND  
 PROFESSIONAL ENGINEER

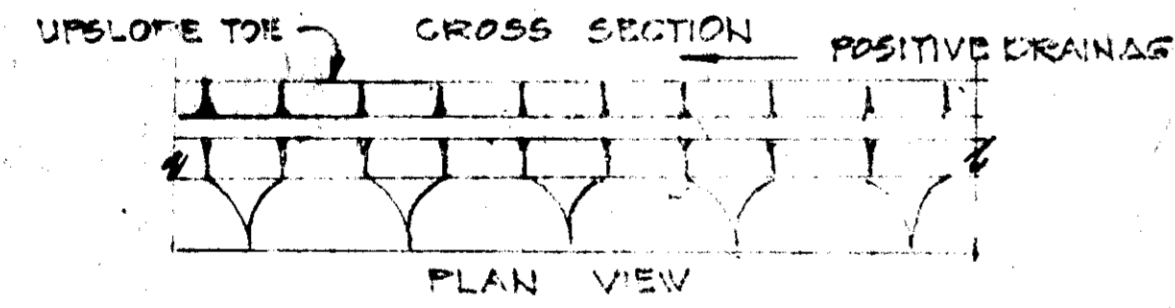
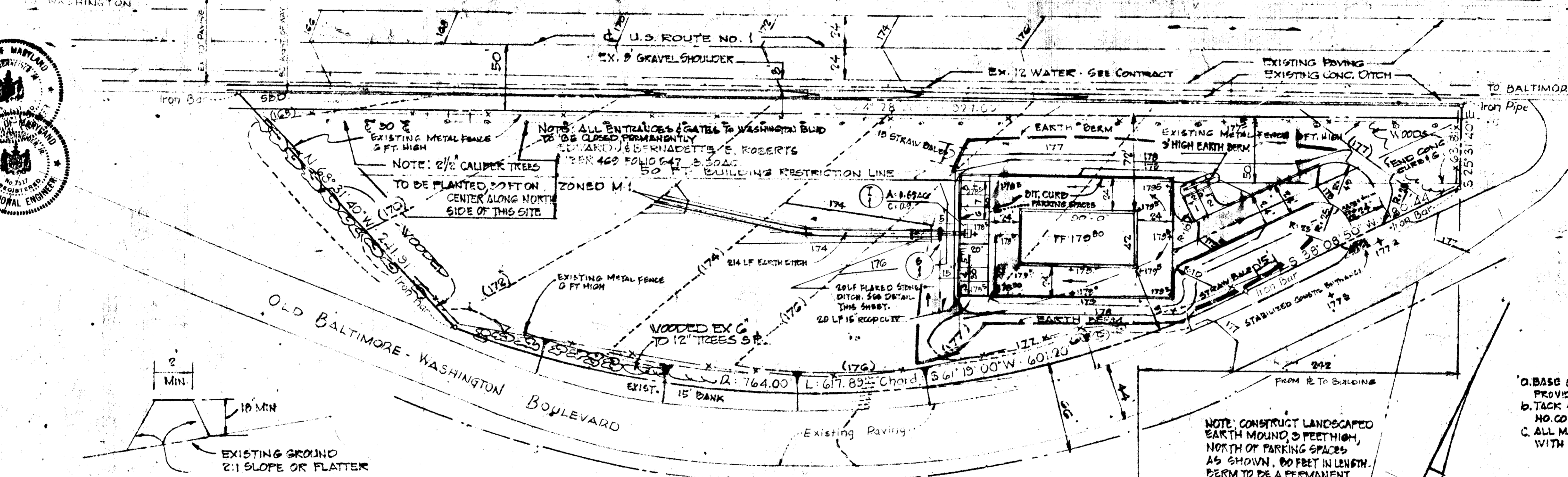
*James Edward Roberts* May 3, 1977  
 James Edward Roberts

REVIEWED FOR TECHNICAL REQUIREMENTS

*C. Wayne Ray* 11-22-77  
 C. Wayne Ray

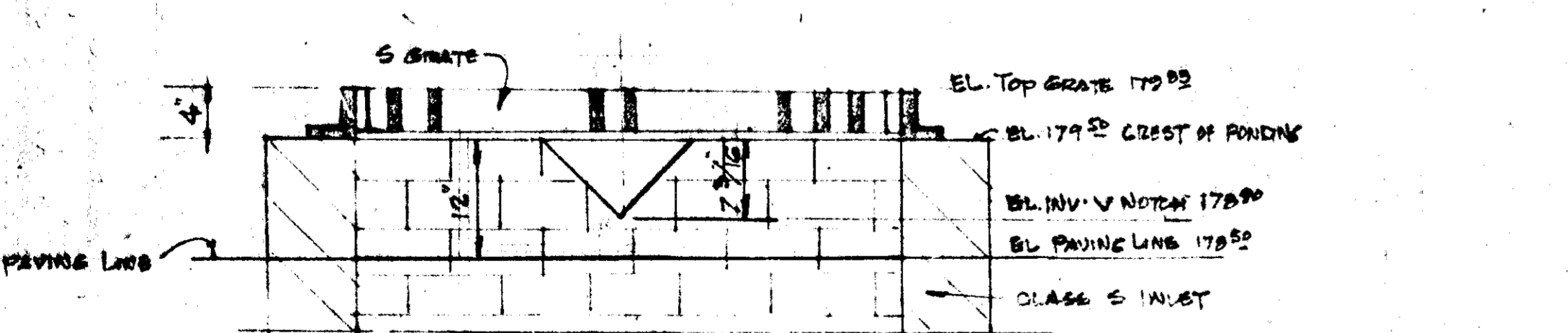
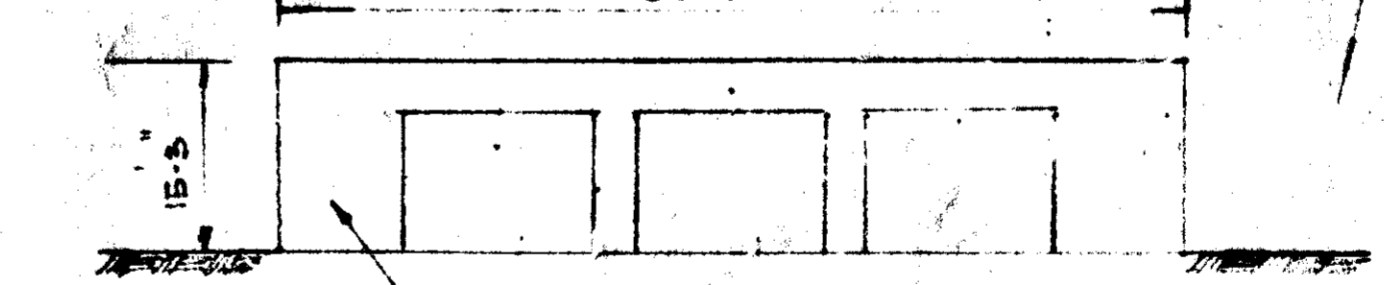
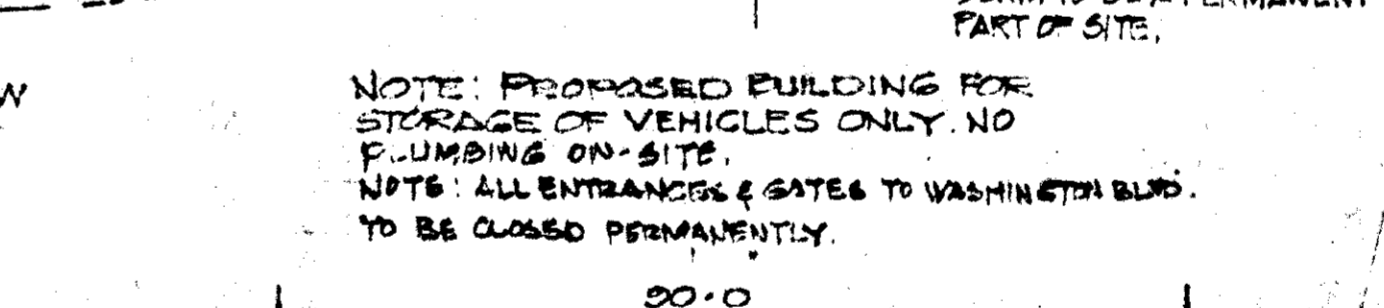
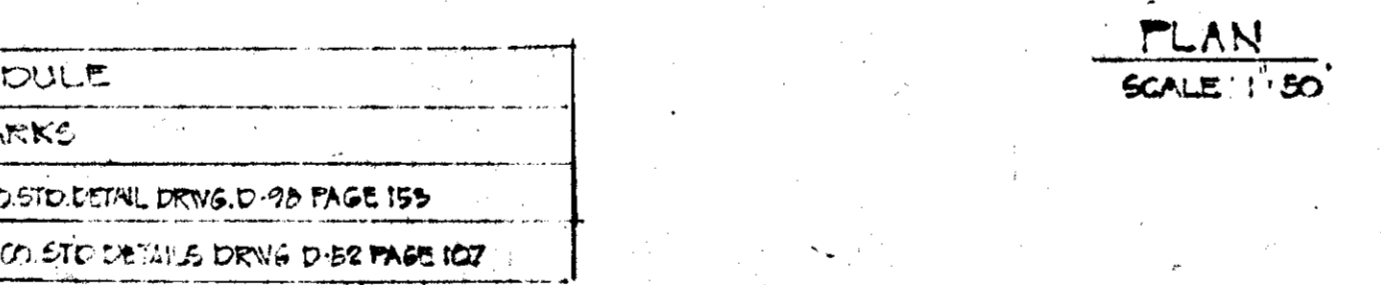
THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HO. CO. HEALTH DEPARTMENT.

*John D. ...* 11-22-77  
 John D. ...



EARTH PERIMETER DIKE NO SCALE

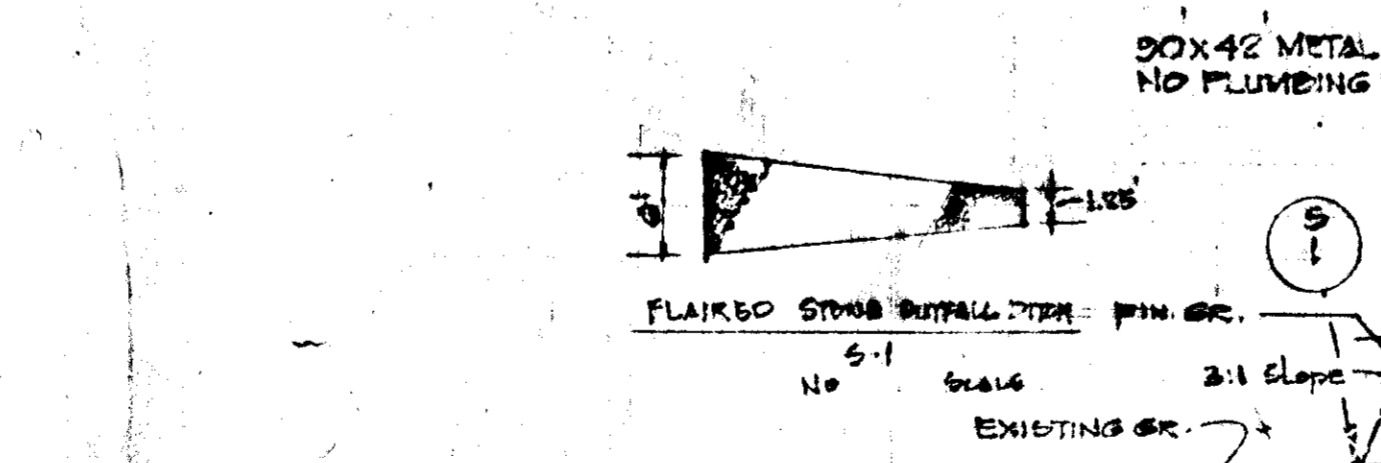
NO	TYPE	STRUC.	INV. IN	INV. OUT	TOP EL.	REMARKS
1	HO. CO. STD. CLASS 5 INLET (MODIFIED)		174.24	170.82	170.82	SEE HO. CO. STD. DETAIL DRWG. D-90 PAGE 159
2	HO. CO. STD. TYPE C INLET		174.14		174.14	SEE HO. CO. STD. DETAIL DRWG. D-88 PAGE 107



STORM WATER MANAGEMENT DATA  
 ON SITE STORAGE REQUIRED = 3600 CU. FT.  
 STORAGE SHOWN = 4800 CU. FT.

2 YR. STORM BEFORE DEVELOPMENT  
 AREA = 0.19 AC.  
 $Q = 0.2$   
 $L_2 = 3.75$  (BASED ON 15 MIN)  
 $Q_2 = 0.46$  CFS (RELEASE RATE)

RELEASE RATE SHALL BE CONTROLLED BY MODIFIED CLASS 5 INLET AS SHOWN.



30X42 METAL STORAGE ENCLOSURE  
 NO PLUMBING FIXTURES

FLANKED STONE OUTFALL DITCH: 6" IN. GR. NO. 5-1  
 2:1 SLOPE  
 20 LF. EARTH DITCH @ 1.00%  
 V = 2.12%

20 LF. EARTH DITCH @ 1.00%  
 R = 1.00% V = 1.49%

DATUM 170

APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 HOWARD COUNTY, MARYLAND  
 DATE 11-3-77

*John ...* 11/14/77  
*John ...* 6/22/77

OWNER: EDWARD J. & BERNADETTE E. ROBERTS  
 6510 WASHINGTON BLVD.  
 ELK RIDGE, MD. 21227

ENGINEERS:  
 LAND DEVELOPMENT CONSULTANTS  
 3000 B TOWN & COUNTRY BLVD.  
 ELLICOTT CITY MD. 21043  
 465-8518

SITE PLAN	PROPERTY
3.50 AC. PARCEL # 847 WASHINGTON BLVD. DISTRICT NO. 18, HO. CO.	
SCALE 1" = 50'	APPROVED BY
DATE APR 23 1977	DRAWN BY JKE
90' 0" X 42' 0" METAL STORAGE BUILDING	REVISION
SDP-78-01	DRAWING NUMBER
	5-1