

DEVELOPER'S CERTIFICATION
 I HEREBY CERTIFY THAT I HAVE REVIEWED THIS EROSION AND SEDIMENT CONTROL PLAN AND THAT ALL CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

Robert Glen Stephens
 ROBERT GLEN STEPHENS
 11/28/83
 DATE

ENGINEER'S CERTIFICATION
 I CERTIFY THAT THIS PLAN OF EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICABLE AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE AND THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL FOR DEVELOPING AREAS. I HAVE REVIEWED THIS EROSION AND SEDIMENT CONTROL PLAN WITH THE OWNER/DEVELOPER.

John L. Schneider
 JOHN L. SCHNEIDER
 11/28/83
 DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.



J. Helms
 U.S. SOIL CONSERVATION SERVICE
 DATE: 5-25-84

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

APPROVED:
Robert Glen Stephens
 HOWARD SOIL CONSERVATION DISTRICT
 DATE: 5-25-84

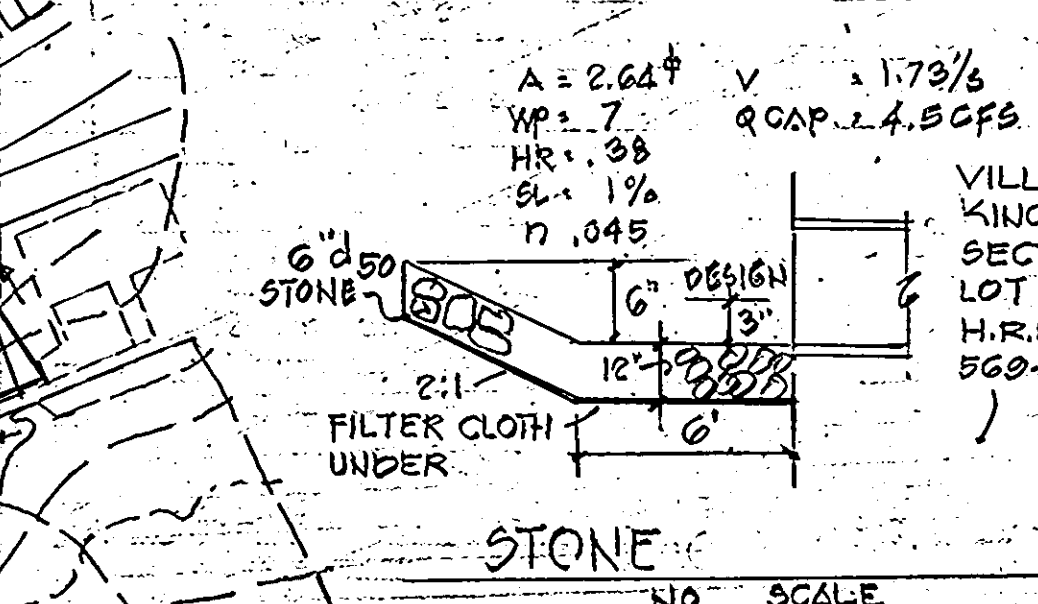
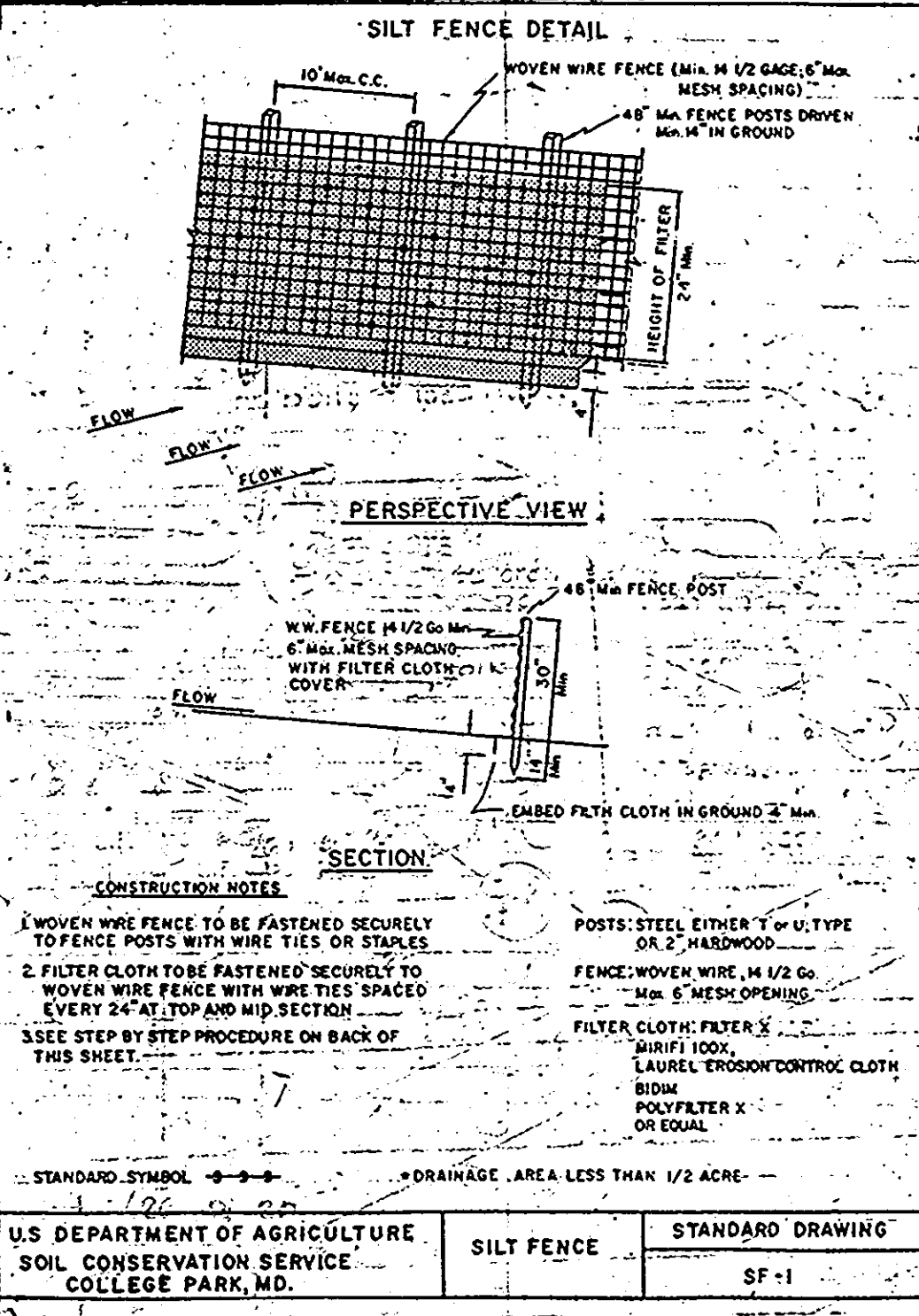
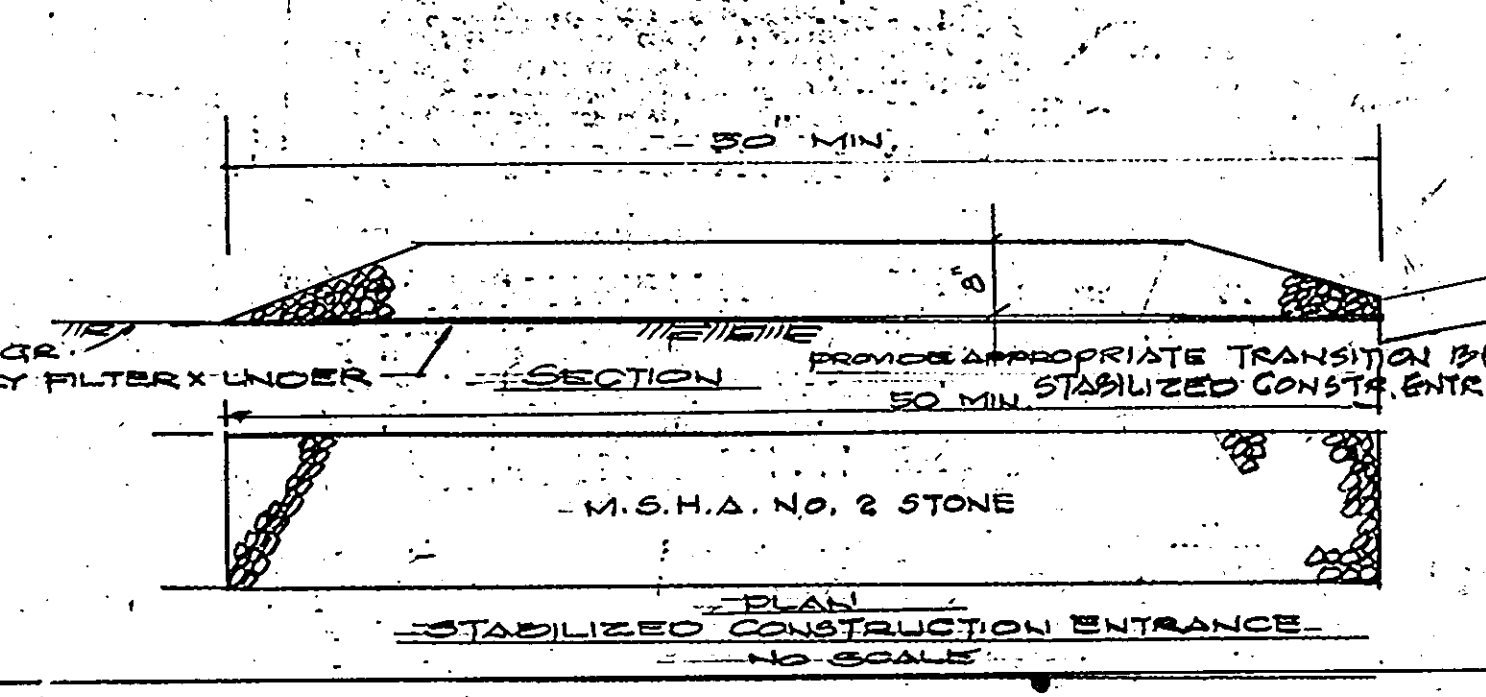
- SOIL CONSERVATION NOTES:**
- OBTAIN GRADING PERMIT.
 - THE HOWARD COUNTY BUREAU OF LICENSE INSPECTIONS AND PERMITS SHALL BE GIVEN 48 HRS. NOTICE PRIOR TO ANY GRADING OPERATION.
 - ALL SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS, UNLESS OTHERWISE NOTED, SHALL BE INSTALLED IN ACCORDANCE WITH NOTE # 8.
 - ALL SLOPES SHALL BE MAX. 3:1.
 - FOLLOWING THE STABILIZATION OF ALL AREAS TO BE UP GRADED, SEDIMENT CONTROL MEASURES MAY BE REMOVED AND GRADED. THE FINAL GRADES SHOWN AND STABILIZED IMMEDIATELY.
 - IN THE CASE OF EXCESS MATERIAL, EXCESS SHALL BE STOCKPILED ON SITE WITH A MAX. 3:1 SLOPE IN A AREA CLEARED FOR THIS PURPOSE. STABILIZED IN ACCORDANCE WITH NOTE # 8.
 - SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED UNTIL APPROVAL IS OBTAINED.
 - PERMANENT STABILIZATION
 APPLY: 2000 LBS PER AC. OF PULVERIZED LIMESTONE
 7000 LBS PER AC. OF 0-20-0 SUPER PHOSPHATE
 10000 LBS PER AC. OF 10-10-10 FERTILIZER
 SEED: 25 LBS PER AC. OF KENTUCKY TALL FESCUE
 25 LBS PER AC. OF ANNUAL Ryegrass
 NOTE: SEED BETWEEN MAR. 1, MAY 1 OR AUG. 1, OCT. 1 ONLY.
 MULCH: 2 TONS PER AC. OF WEATHERED WHEAT STRAW.
 OR 1 TON PER AC. OF ANNUAL Ryegrass
 LIQUID ASPHALT.
 - EXPOSED AREAS LEFT FOR 45 DAYS SHALL BE STABILIZED WITH VEGETATION OR MULCH. - SEE NOTE # 10.

10. SITE ANALYSIS

ITEM	DESCRIPTION
A	TOTAL AREA OF SITE 0.733 AC.
B	AREA TO BE DISTURBED 0.733 AC.
C	LOCATION AS SHOWN
D	EXIST. SITE CONDITIONS AS SHOWN/GRADED
E	AREA PRESENTLY DISTURBED NONE
F	AREA TO BE VEGETATED
G	TOTAL CUT
H	TOTAL FILL REQ.
I	STORM WATER MANAGEMENT N.A. (AREA BEHIND SWM POND)

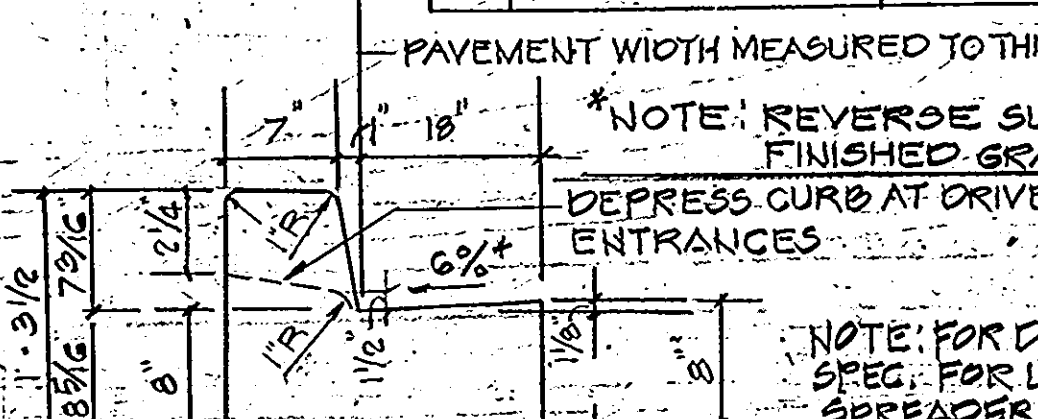
- CONSTRUCTION SEQUENCE**
- OBTAIN GRADING PERMIT
 - INSTALL SEDIMENT CONTROL MEASURES - PROTECT INLET DURING SITE GRADING
 - ROUGH GRADE SITE
 - CONSTRUCT BUILDING NOTE: ESTIMATED TIME OF CONST. A THRU G, 6 MONTHS
 - PAVE SITE
 - FINE GRADE & STABILIZE REMAINING SITE
 - REMOVE SEDIMENT CONTROL MEASURES
 DO NOT CONSTRUCT IN AREA OF EXCAVATED TRAPS WHEN REMOVING EX. TRAPS INSTALL SILT FENCE
 - THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL REQUIRED EASEMENTS, RIGHTS AND/OR RIGHTS OF WAY PURSUANT TO THE DISCHARGE FROM THE SEDIMENT AND EROSION CONTROL PRACTICES, STORM WATER MANAGEMENT PRACTICES AND THE ERECTION OF STORM WATER ONTO OR ACROSS, AND GRADING OR OTHER WORK TO BE PERFORMED ON ADJACENT OR DOWNSTREAM PROPERTIES AFFECTED BY THIS PLAN.

ALL AREAS SHALL BE PERMANENTLY STABILIZED WHEN SITE DEVELOPMENT WORK, GRADING AND/OR OTHER RELATED CONSTRUCTION RELATED ACTIVITIES, CEASE TO BE CONTINUOUS OR ON GOING FOR PERIODS EXCEEDING 45 DAYS. THESE DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS. THE IN PLACE SEDIMENT CONTROL MEASURES WILL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED AND ALL PERMIT REQUIREMENTS ARE MET.



STRUCTURE SCHEDULE

NO.	TYPE	NO. CO. DETAIL	FIN. DET.
1-1	6" D.B.P. 5' GRATE INLET	5.0, 4.22	
5-1	TYPE C ENDWALL	5.0, 5.21	



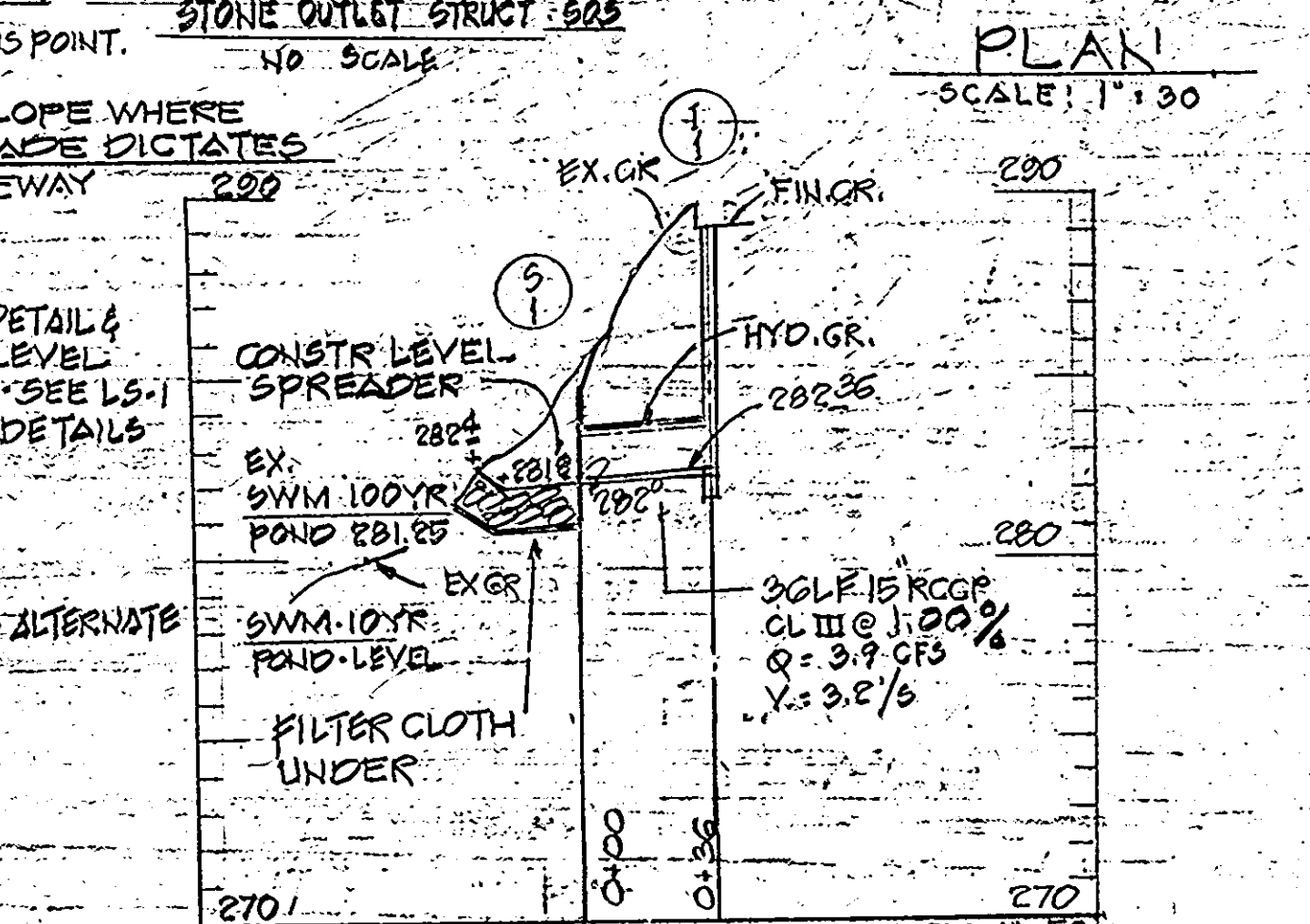
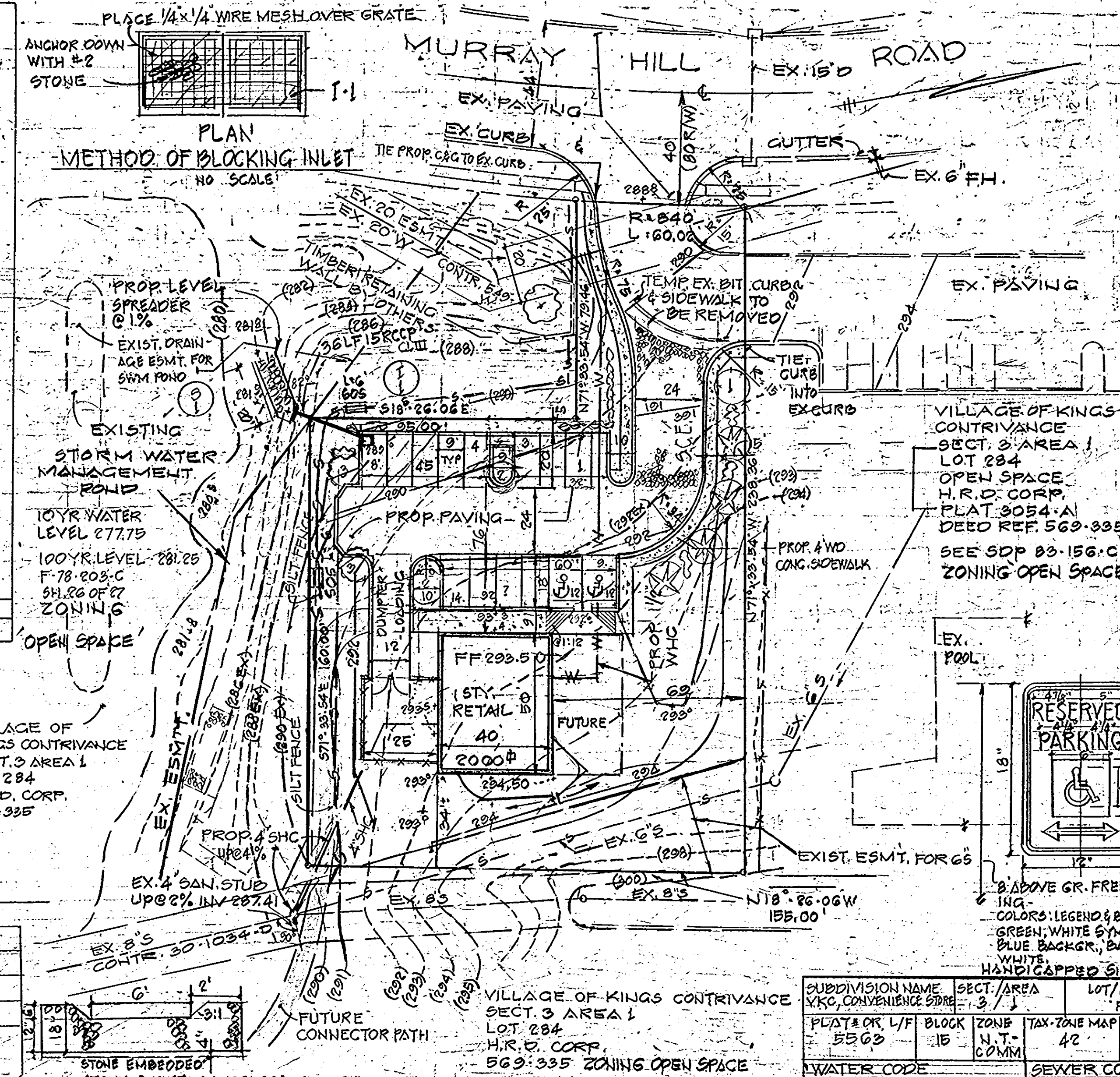
SECTION: BITUMIN-CONCRETE SURFACE

NO.	DESCRIPTION
1	BITUMIN-CONCRETE SURFACE
2	BITUMIN-CONCRETE BASE

SECTION: ON-SITE PAVING P.F.

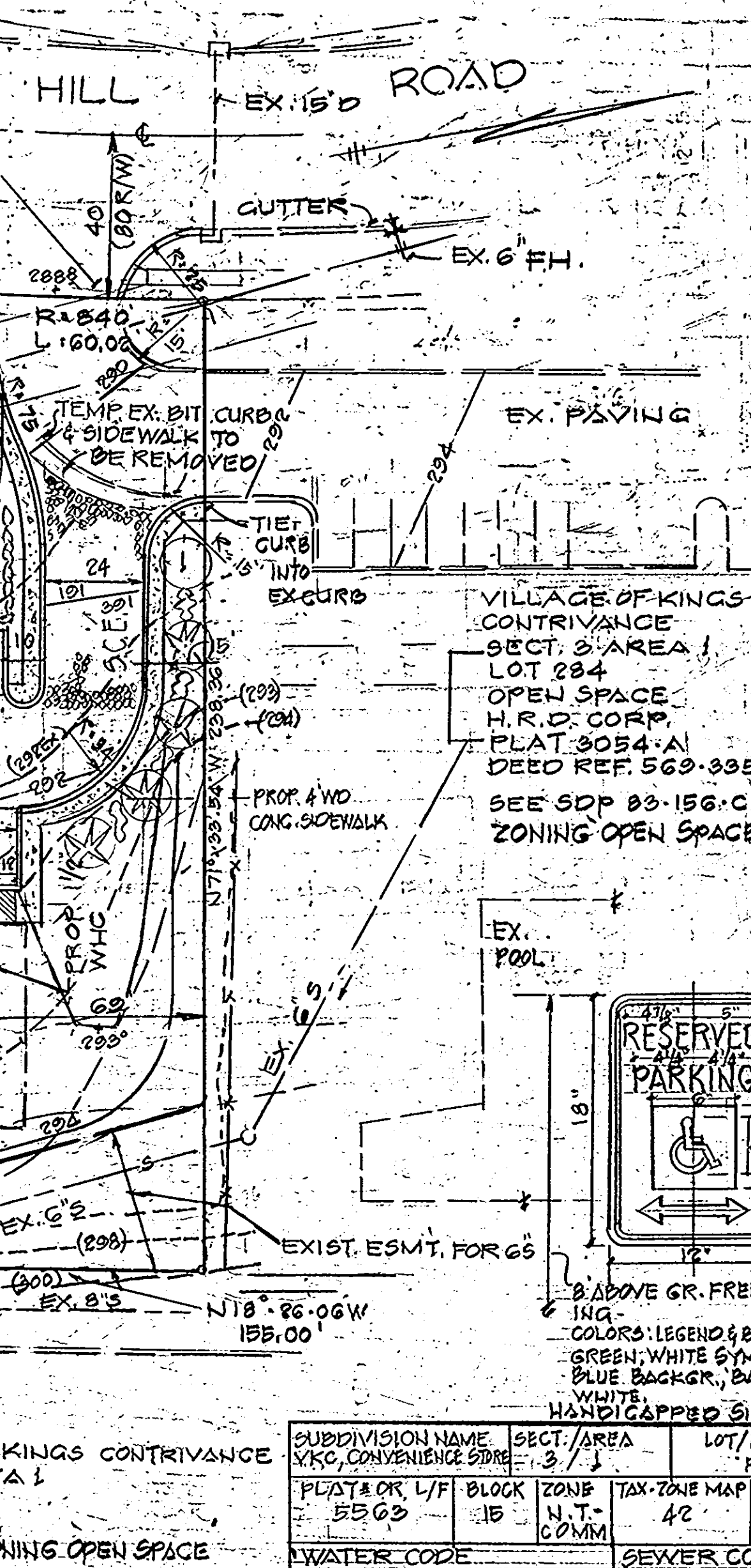
NOTE: ALL MATERIALS & CONSTRUCTION METHODS SHALL BE ACCORDING TO THE LATEST HOWARD COUNTY DETAILS AND SPECIFICATIONS.

SYMBOL	NAME	NO.	SPACING	GALIBER
①	SCOTCH PINE (PINUS SYLVESTRIS)	7	5'-9"	2 1/2"
②	BRADFORD PEAR (PYRUS QUILLERANA)	2	10'	2 1/2"
③	YOSHINO CHERRY (PRUNUS YOSHINO)	3	15'	2"
④	JAPANESE YEW (TAXUS CUSPIDATA)	20	3'	
⑤	CRABAPPLE (MALUS)	2	15'	2"



PLANTING SCHEDULE

SYMBOL	NAME	NO.	SPACING	GALIBER
①	SCOTCH PINE (PINUS SYLVESTRIS)	7	5'-9"	2 1/2"
②	BRADFORD PEAR (PYRUS QUILLERANA)	2	10'	2 1/2"
③	YOSHINO CHERRY (PRUNUS YOSHINO)	3	15'	2"
④	JAPANESE YEW (TAXUS CUSPIDATA)	20	3'	
⑤	CRABAPPLE (MALUS)	2	15'	2"



GENERAL NOTES:

- SITE LOCATION: VILLAGE OF KINGS CONTRIVANCE SECT. 3 AREA 1, PARCEL F COLUMBIA, MD.
- TOTAL AREA OF SITE: 0.733 AC. OR 31,929.48 SF.
- TOTAL AREA THIS SUBMISSION: 0.733 AC.
- DEVELOPER/CONTRACT BUYER: MURRAY HILL ASSOC. 90 5471 WINDBORNE CT. COLUMBIA, MD. 21044
- DEED REF. 569-335
- TAX MAP 42 ZONING MAP 42
- ZONING CLASSIFICATION: NEW TOWN
- PUBLIC WATER & SEWER
- SITE USE: 2000# RETAIL
- SITE DENSITY CALCULATIONS:

ACTIVITY	SQFT.	PERCENT USE
A. BUILDING COVERAGE	2000	6%
B. PAVING	10,000	31%
C. PARKING LOT PAVING	6,200	19%
D. PARKING LOT LANDSCAPE	744	12%
E. SITE LANDSCAPING	1,000	12%
- PARKING ANALYSIS:

TYPE	SPACES
A. PARKING SPACES REQUIRED	50
(1) RETAIL	2000#
(2) RETAIL	2000# PER SPACE = 10 SPACES
- PARKING SPACES SHOWN: 16 SPACES
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES.
- ALL ON-SITE LIGHTING TO BE DIRECTED DOWN AND TOWARDS SITE.
- EXIST. GRADE 282' FINISHED GRADE 282'
- TOPO BASED ON SURVEY FEB. 15, 1984
- F.D.P. 169-A-III, PART I COMMERCIAL

ADDRESS CHART

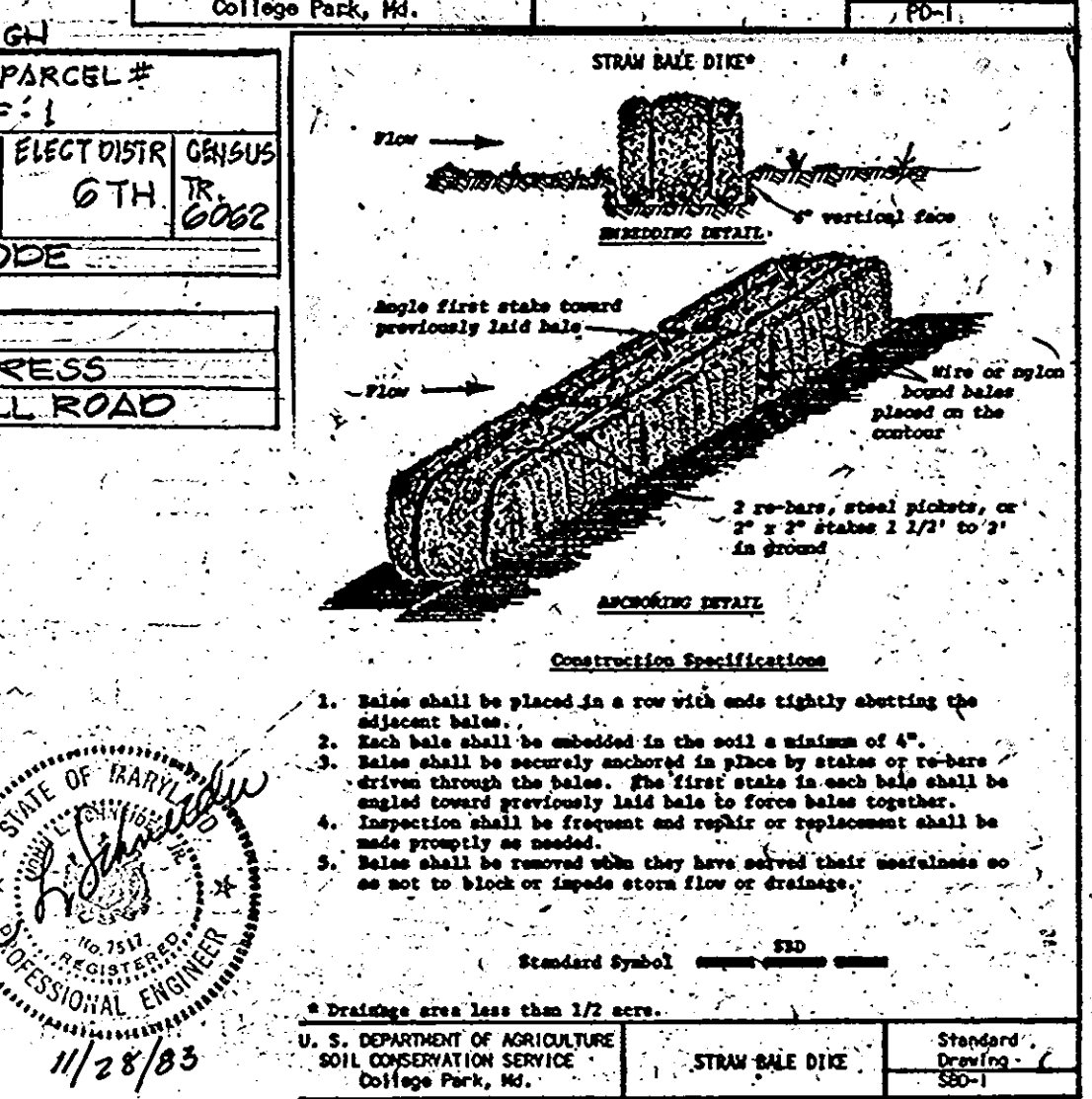
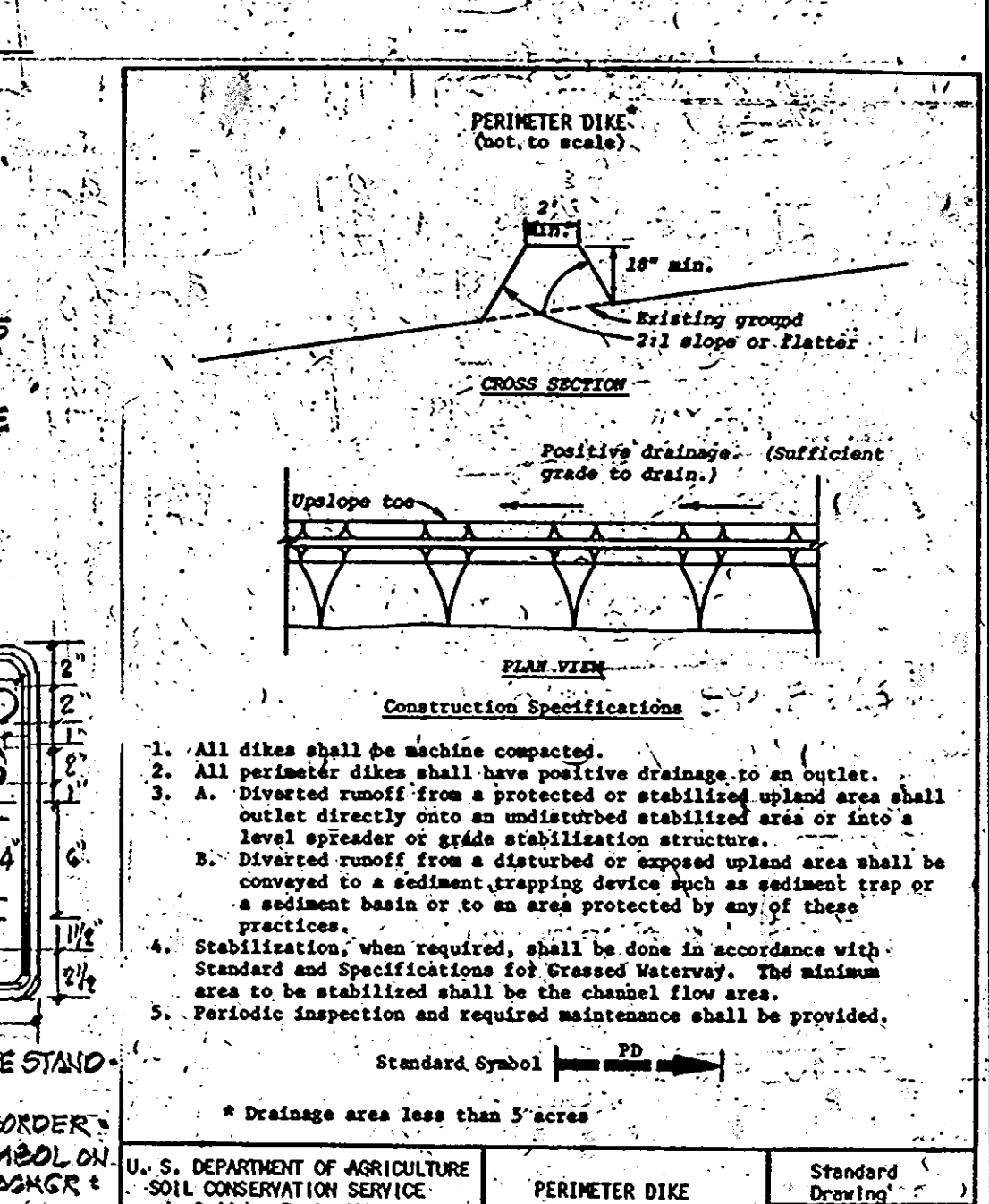
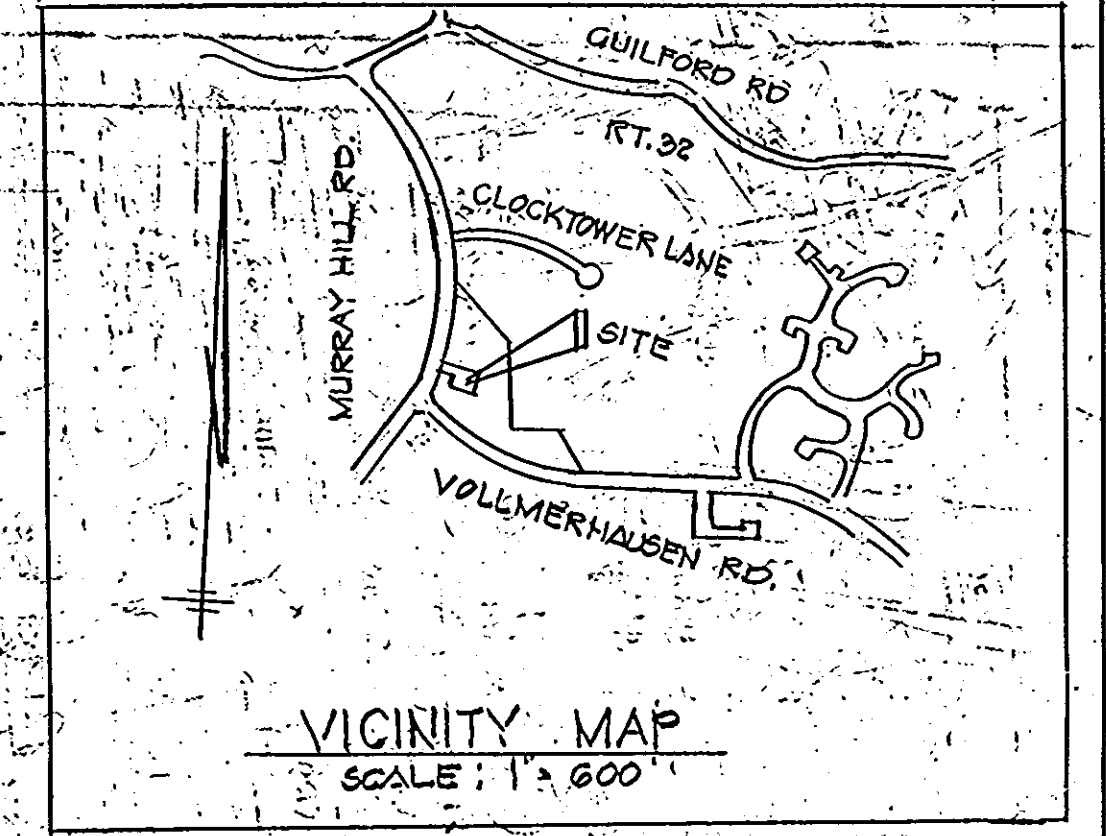
LOT NUMBER	STREET ADDRESS
F-1	7035 MURRAY HILL ROAD

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
James F. Neuman
 DIRECTOR
 DATE: 6-7-84

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
James F. Neuman
 COUNTY HEALTH OFFICER
 DATE: 6-7-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas J. Davis
 PLANNING DIRECTOR
 DATE: 6-8-84

William J. ...
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 DATE: 6-8-84



SITE DEVELOPMENT PLAN
 VILLAGE OF KINGS CONTRIVANCE
 SECTION 3 AREA 1
 PARCEL F

GTH. DISTRICT
 SCALE: 1"=30'
 HO. CO. MD.
 DEC.

ENGINEERS:
 LAND DEVELOPMENT CONSULTANTS
 37 MT. GREEN CIRCLE
 BALTO. MD. 21207
 265-6543

DEVELOPER:
 MURRAY HILL ASSOC.
 5471 WINDBORNE CT.
 COLUMBIA MD 21044
 992-9535

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE: 4-18-84
M

SDP-84-217
 SH. 1 of 1
 5-D.P.-84-217C