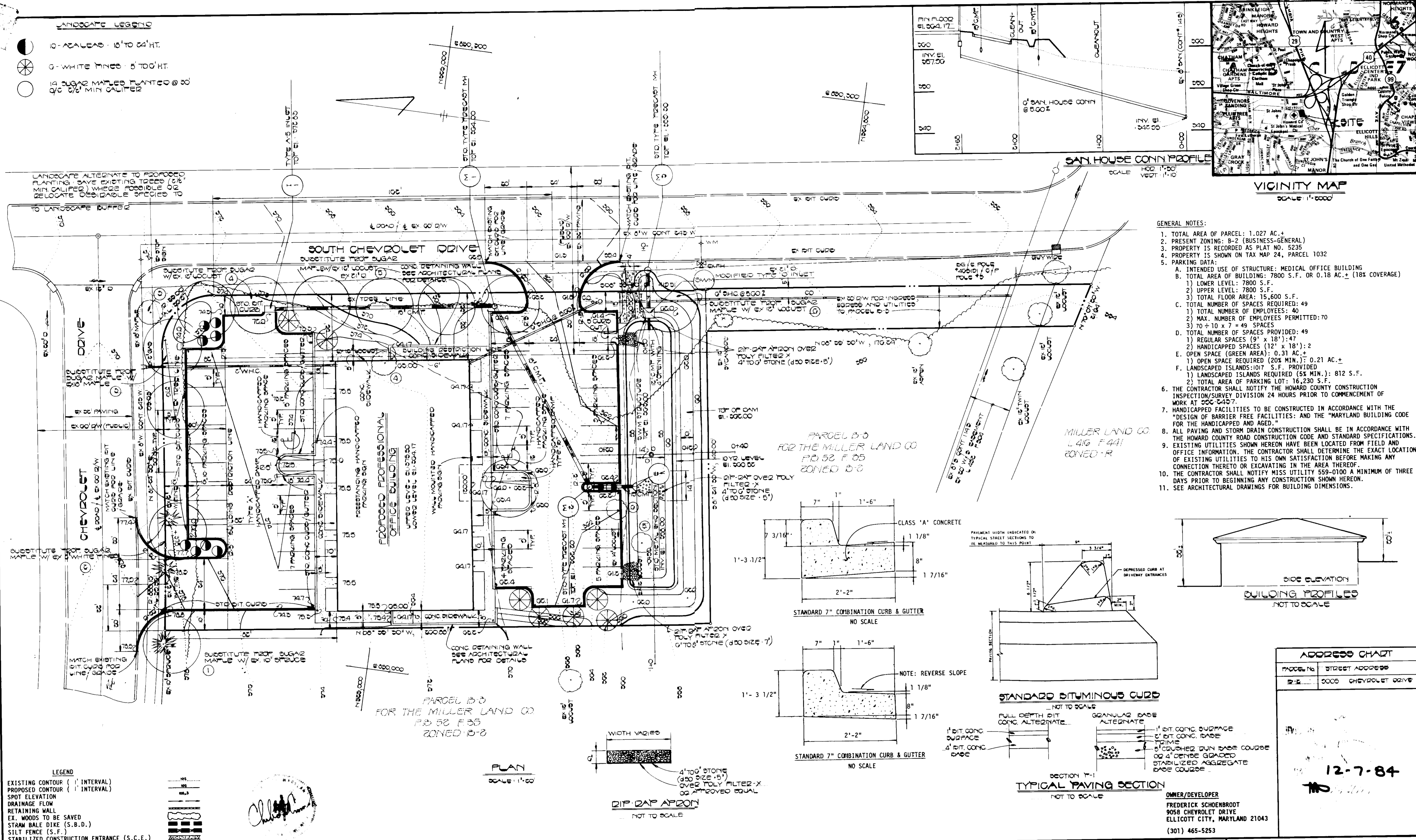
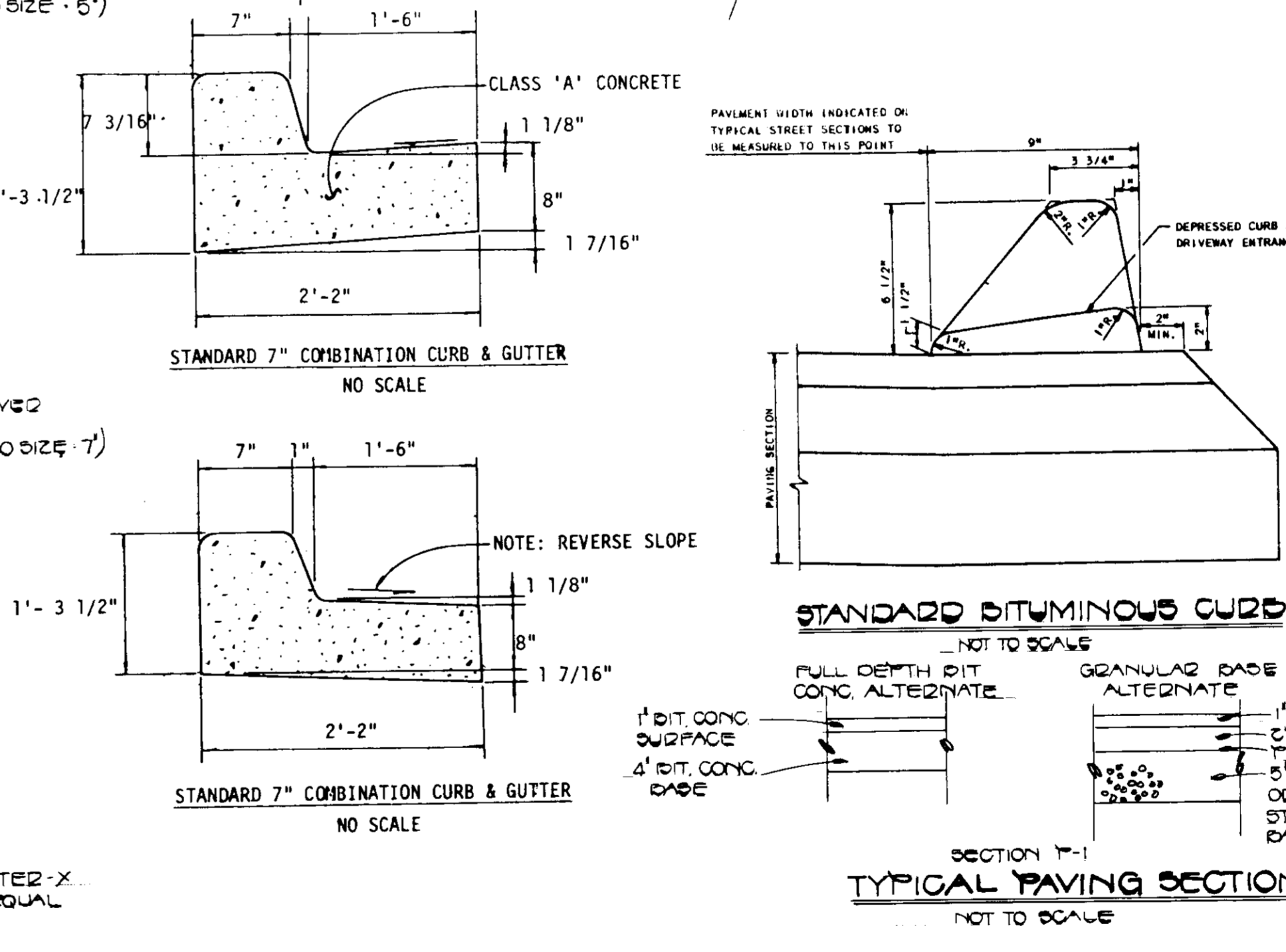
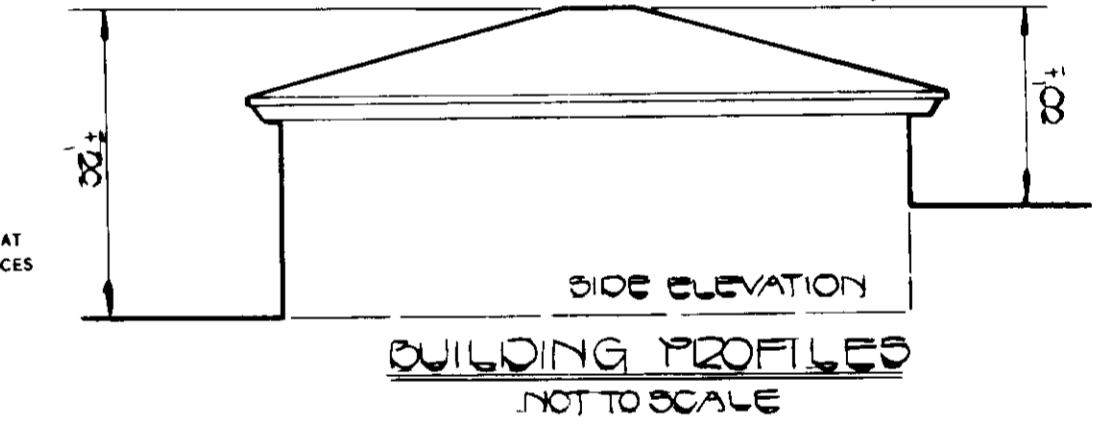
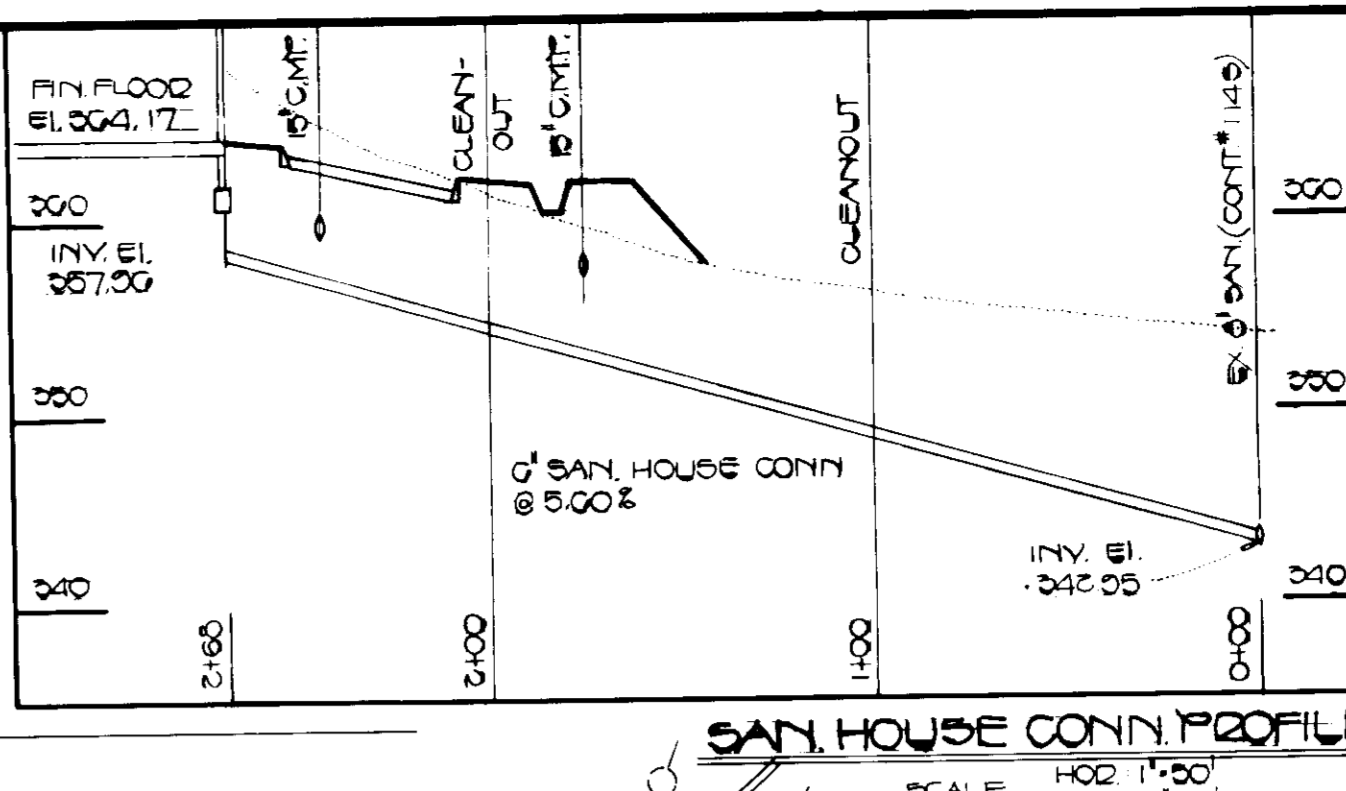
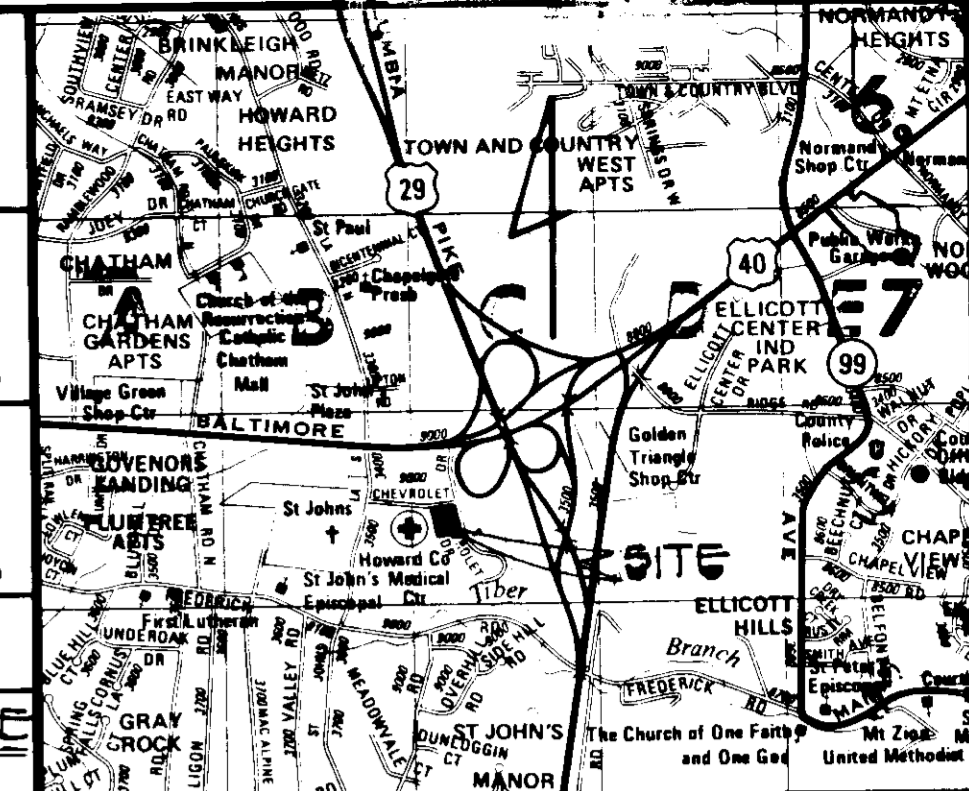


- LANDSCAPE LEGEND**
- Q-AZALEAS - 10' TO 24' HT.
  - ⊗ G-WHITE LINES - 5' TO 10' HT.
  - 1/2 SUGAR MAPLES PLANTED @ 30' 9/16" MIN CALIBER

LANDSCAPE ALTERNATE TO PROPOSED PLANTING - SAVE EXISTING TREES (2 1/2" MIN CALIBER) WHERE POSSIBLE OR RELOCATE DESIRABLE SPECIES TO TO LANDSCAPE BUFFER



- GENERAL NOTES:**
- TOTAL AREA OF PARCEL: 1.027 AC.±
  - PRESENT ZONING: B-2 (BUSINESS-GENERAL)
  - PROPERTY IS RECORDED AS PLAT NO. 5235
  - PROPERTY IS SHOWN ON TAX MAP 24, PARCEL 1032
  - PARKING DATA:
    - A. INTENDED USE OF STRUCTURE: MEDICAL OFFICE BUILDING
    - B. TOTAL AREA OF BUILDING: 7800 S.F. OR 0.18 AC.± (18% COVERAGE)
      - 1) LOWER LEVEL: 7800 S.F.
      - 2) UPPER LEVEL: 7800 S.F.
      - 3) TOTAL FLOOR AREA: 15,600 S.F.
    - C. TOTAL NUMBER OF SPACES REQUIRED: 49
      - 1) TOTAL NUMBER OF EMPLOYEES: 40
      - 2) MAX. NUMBER OF EMPLOYEES PERMITTED: 70
      - 3) 70 ÷ 10 x 7 = 49 SPACES
    - D. TOTAL NUMBER OF SPACES PROVIDED: 49
      - 1) REGULAR SPACES (9' x 18'): 47
      - 2) HANDICAPPED SPACES (12' x 18'): 2
    - E. OPEN SPACE (GREEN AREA): 0.31 AC.±
      - 1) OPEN SPACE REQUIRED (20% MIN.): 0.21 AC.±
    - F. LANDSCAPED ISLANDS: 1017 S.F. PROVIDED
      - 1) LANDSCAPED ISLANDS REQUIRED (5% MIN.): 812 S.F.
      - 2) TOTAL AREA OF PARKING LOT: 16,230 S.F.
  6. THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 300 0437.
  7. HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER FREE FACILITIES; AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED."
  8. ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
  9. EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE MAKING ANY CONNECTION THERETO OR EXCAVATING IN THE AREA THEREOF.
  10. THE CONTRACTOR SHALL NOTIFY MISS UTILITY 559-0100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
  11. SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.



**ADDRESS CHART**

PARCEL NO.	STREET ADDRESS
B-2	3005 CHEVROLET DRIVE

12-7-84  
 [Signature]

**OWNER/DEVELOPER**  
 FREDERICK SCHOENBRODT  
 9058 CHEVROLET DRIVE  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 465-5253

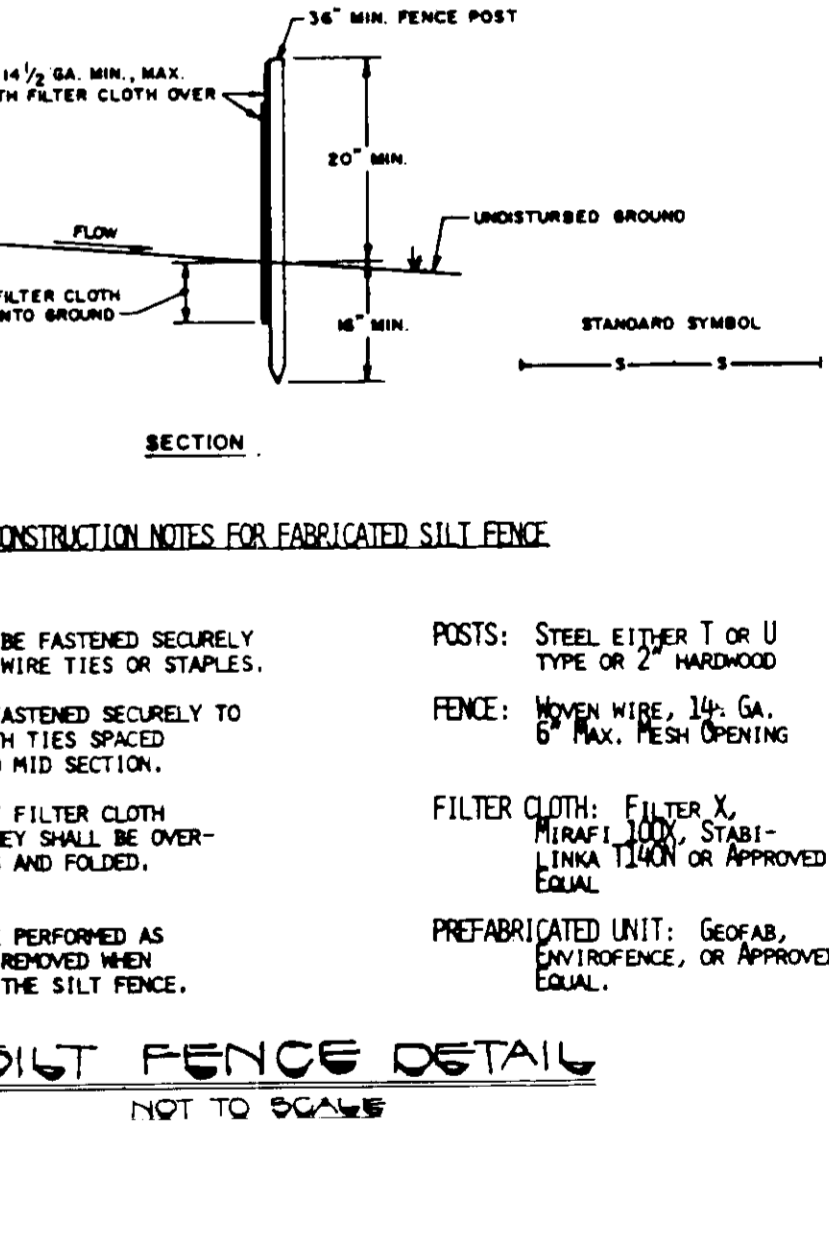
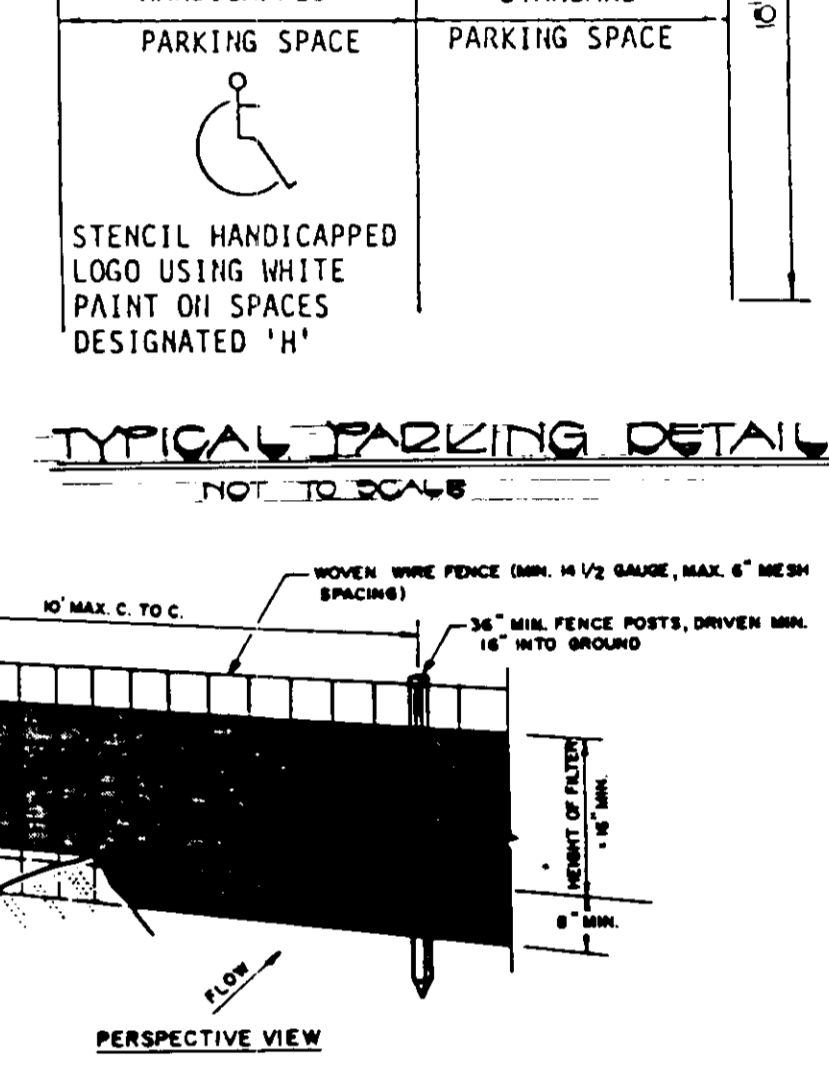
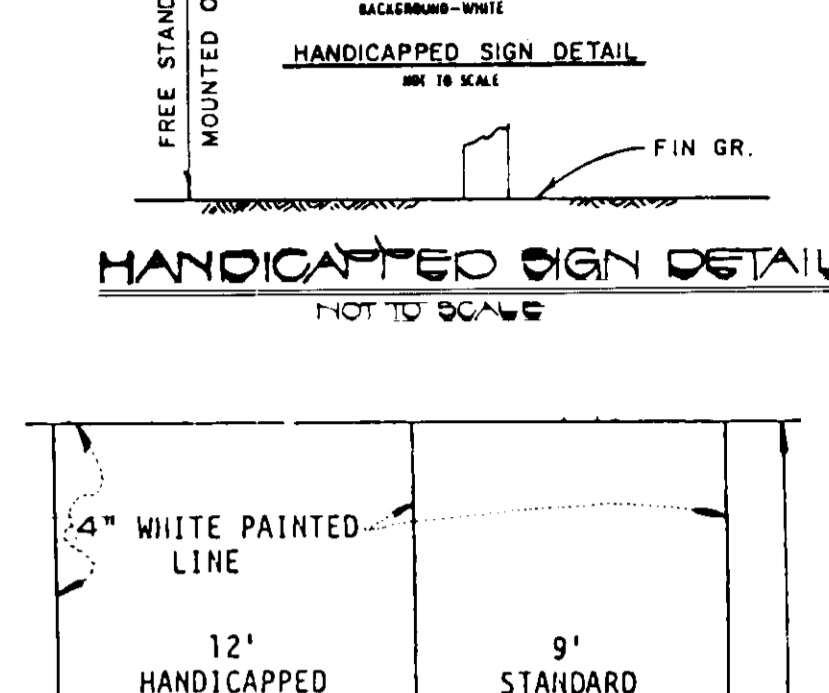
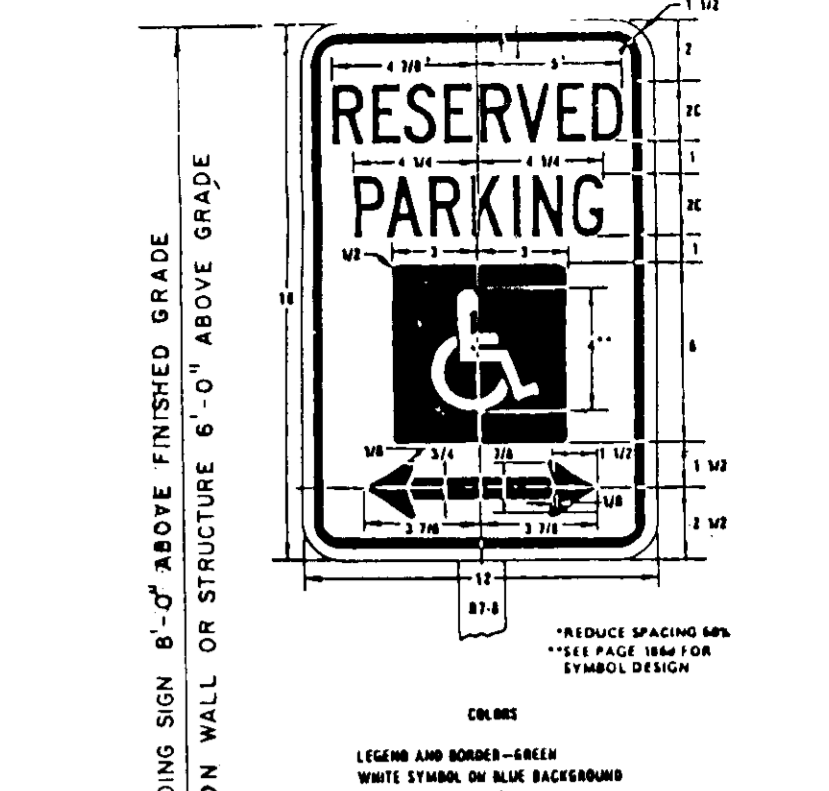
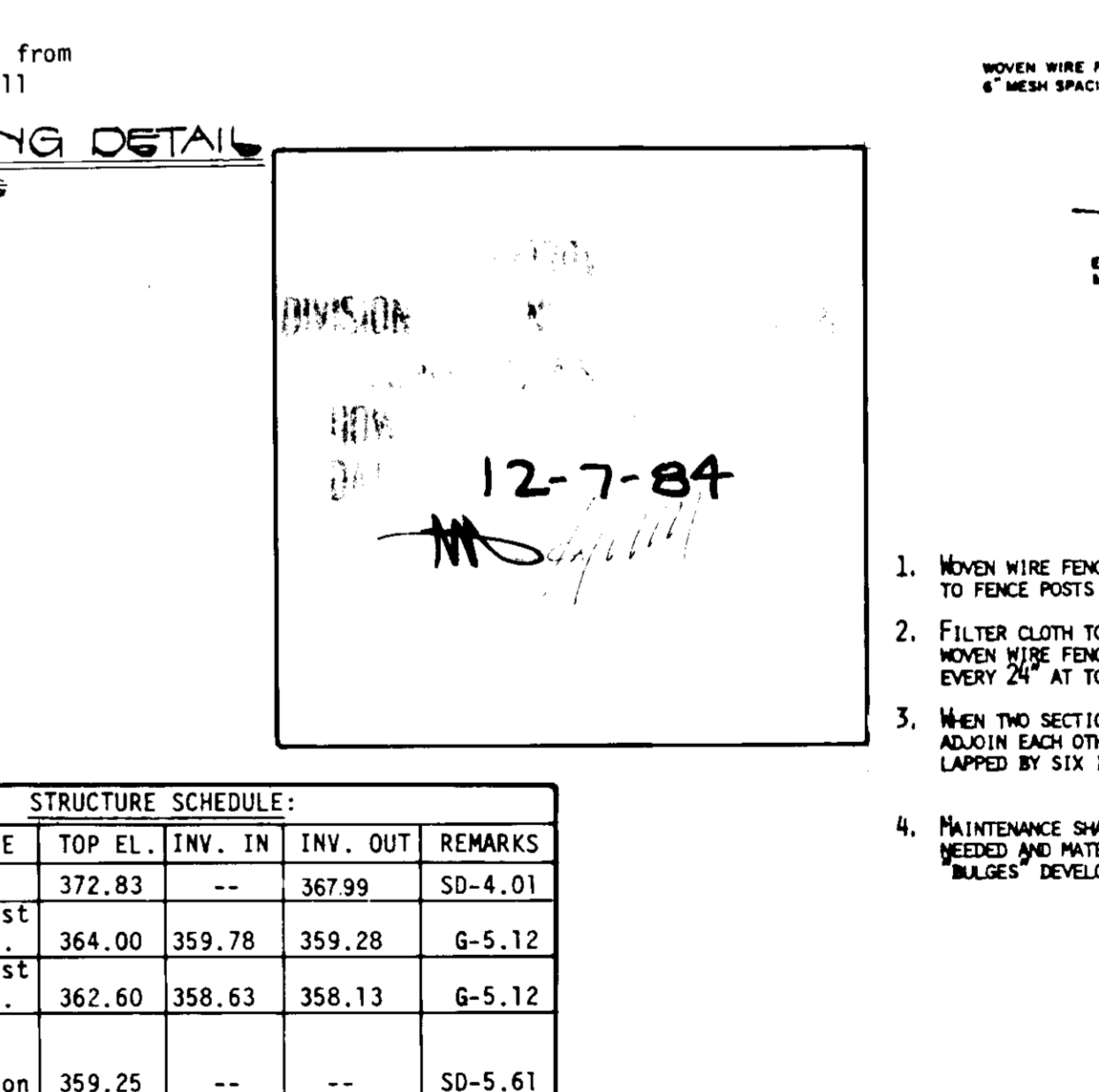
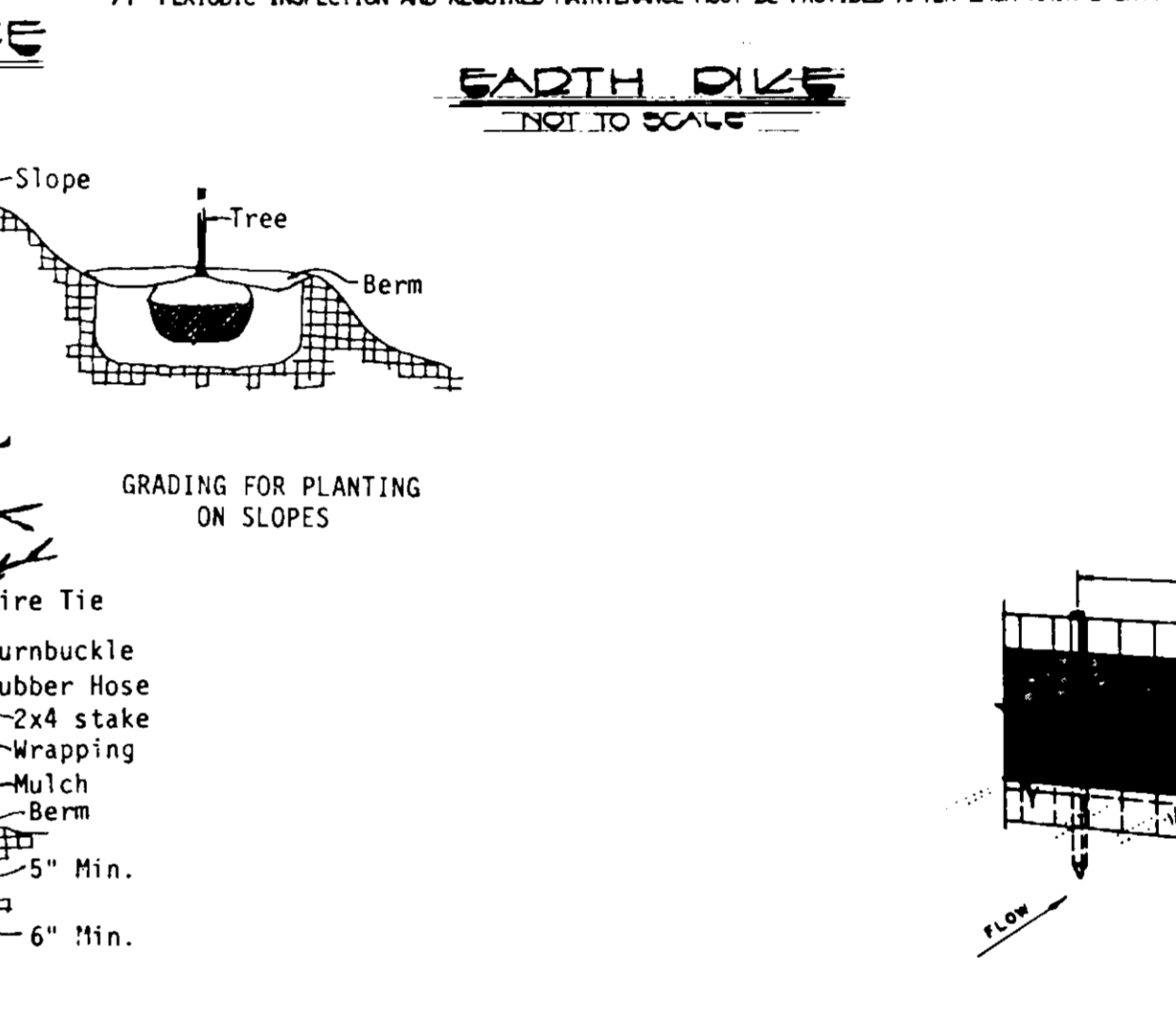
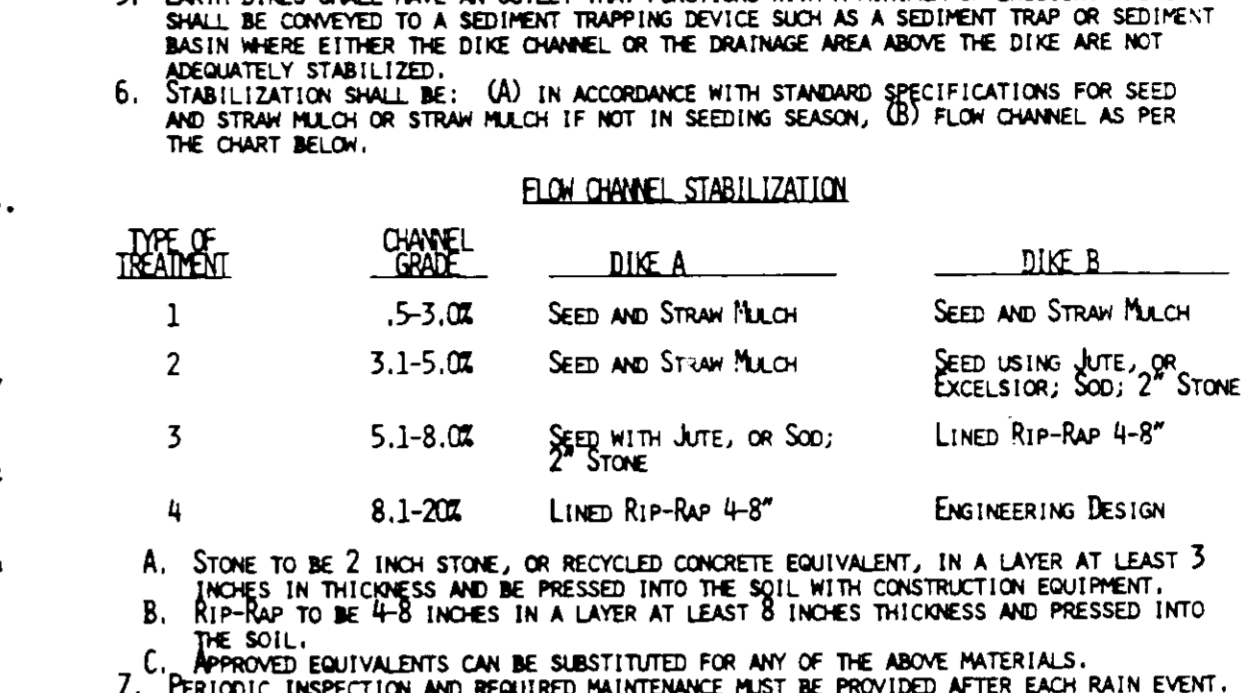
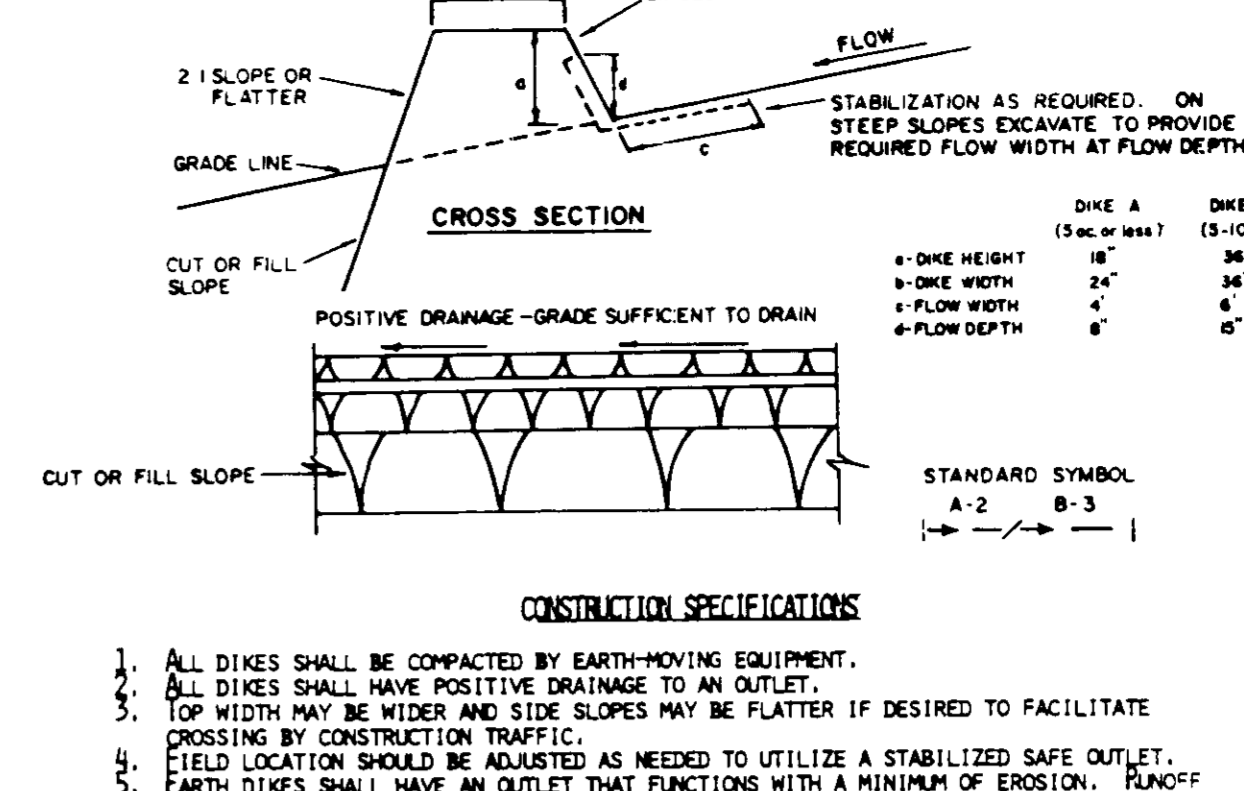
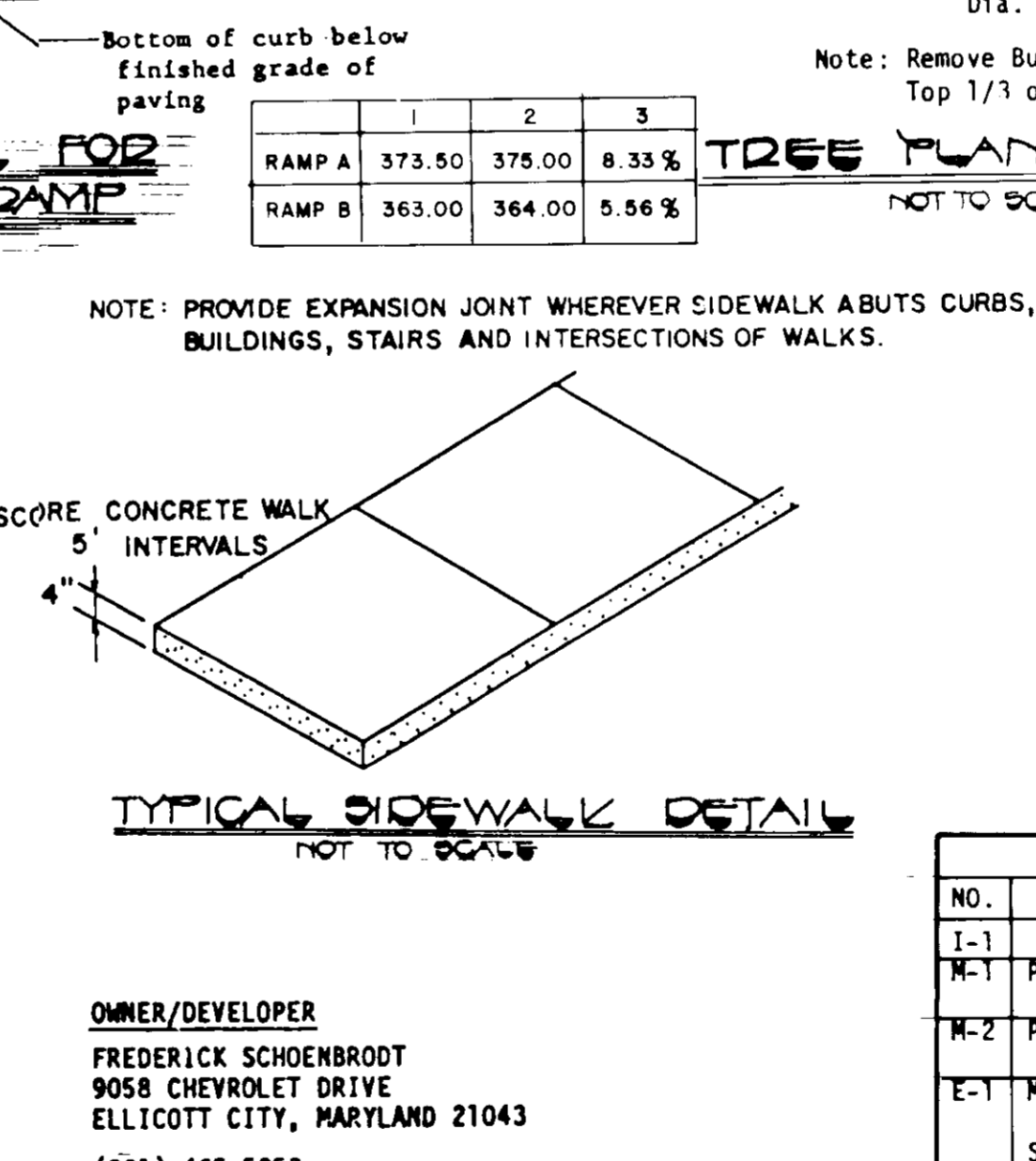
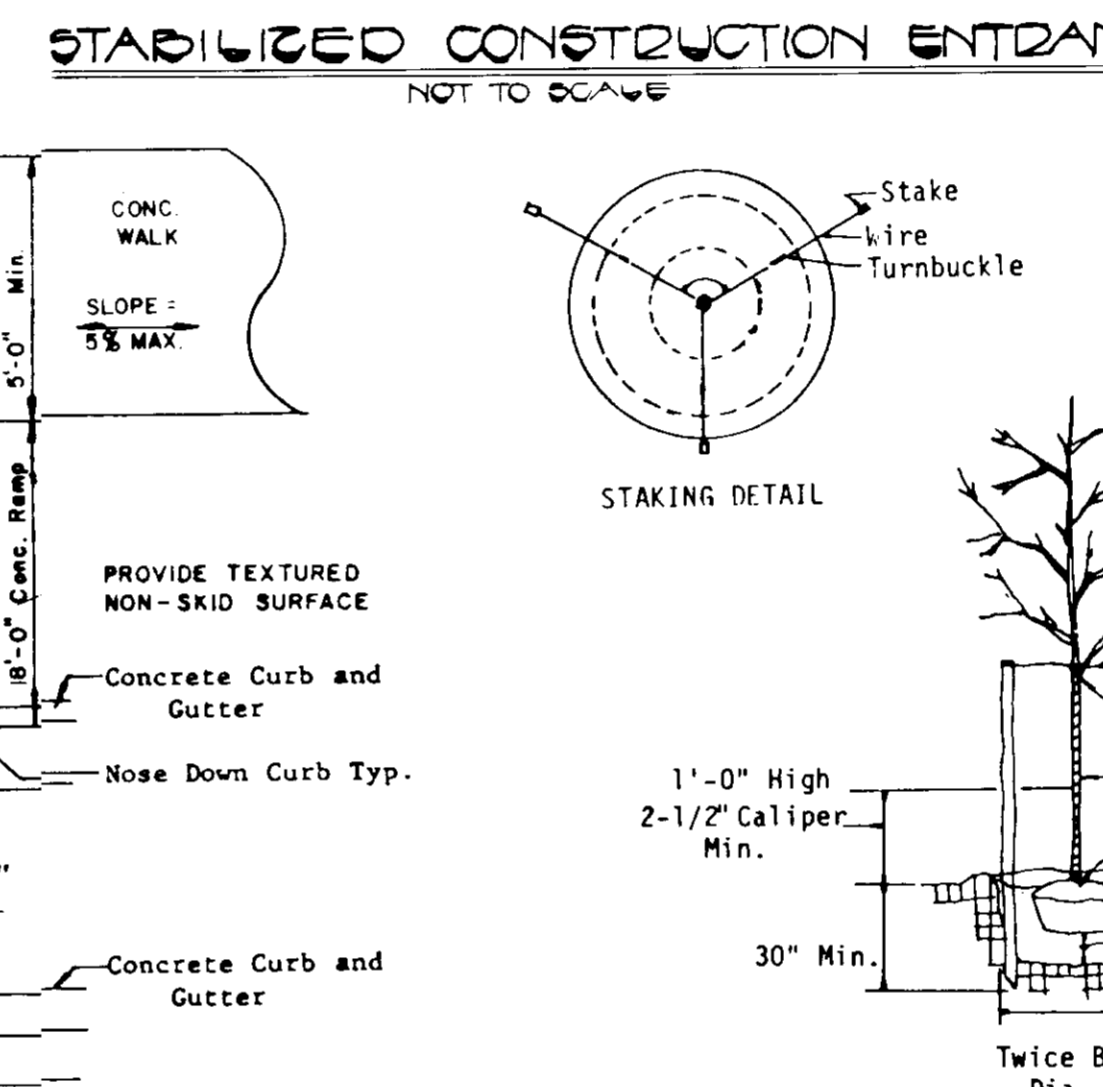
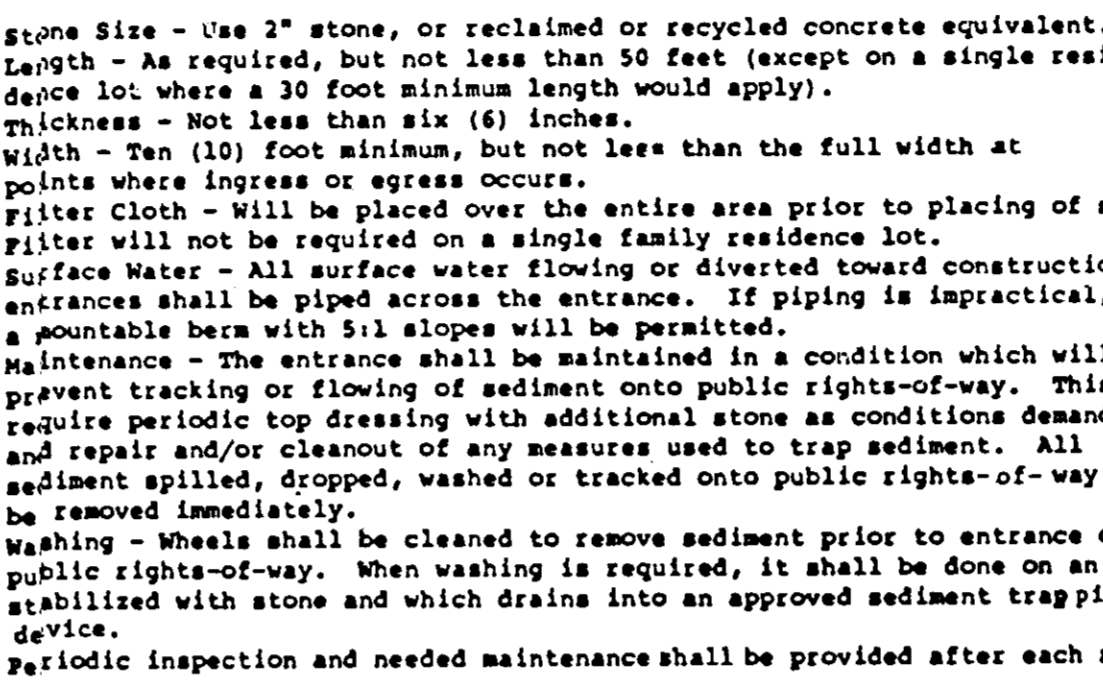
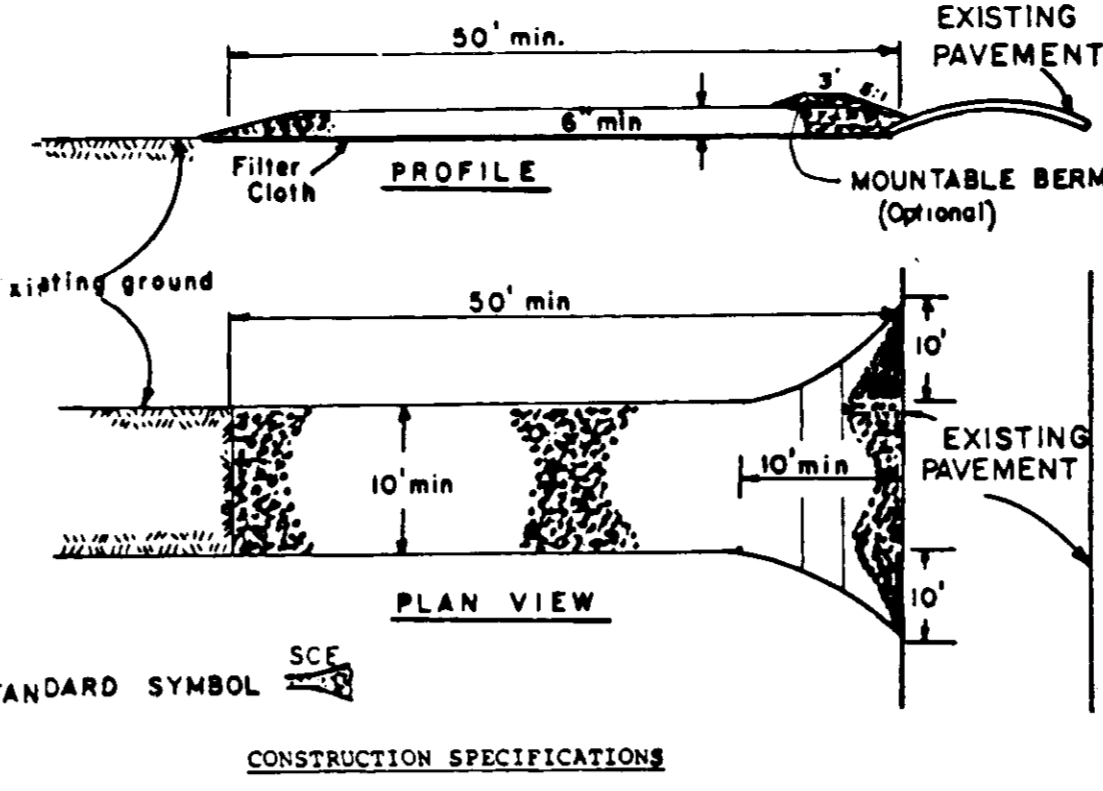
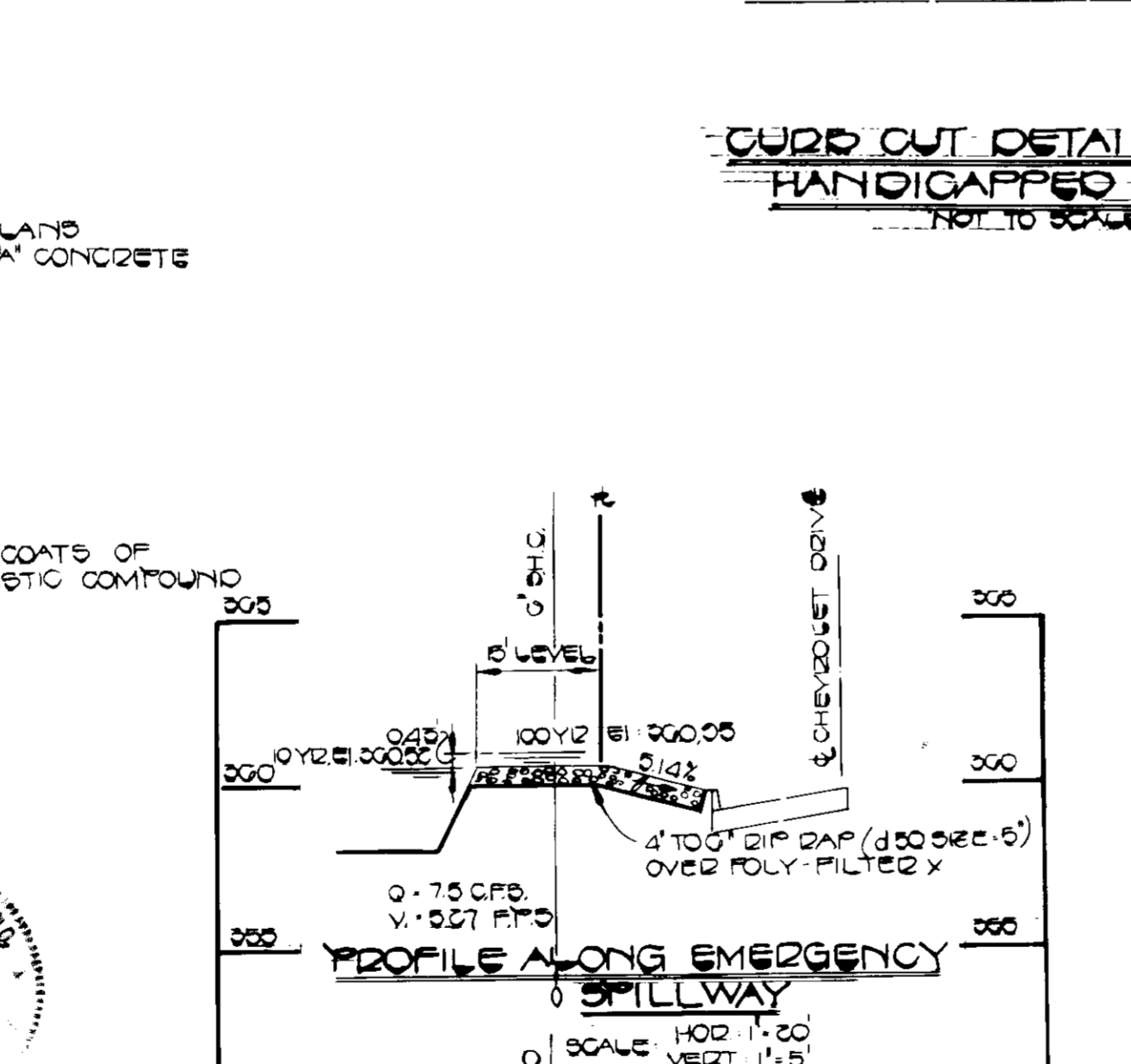
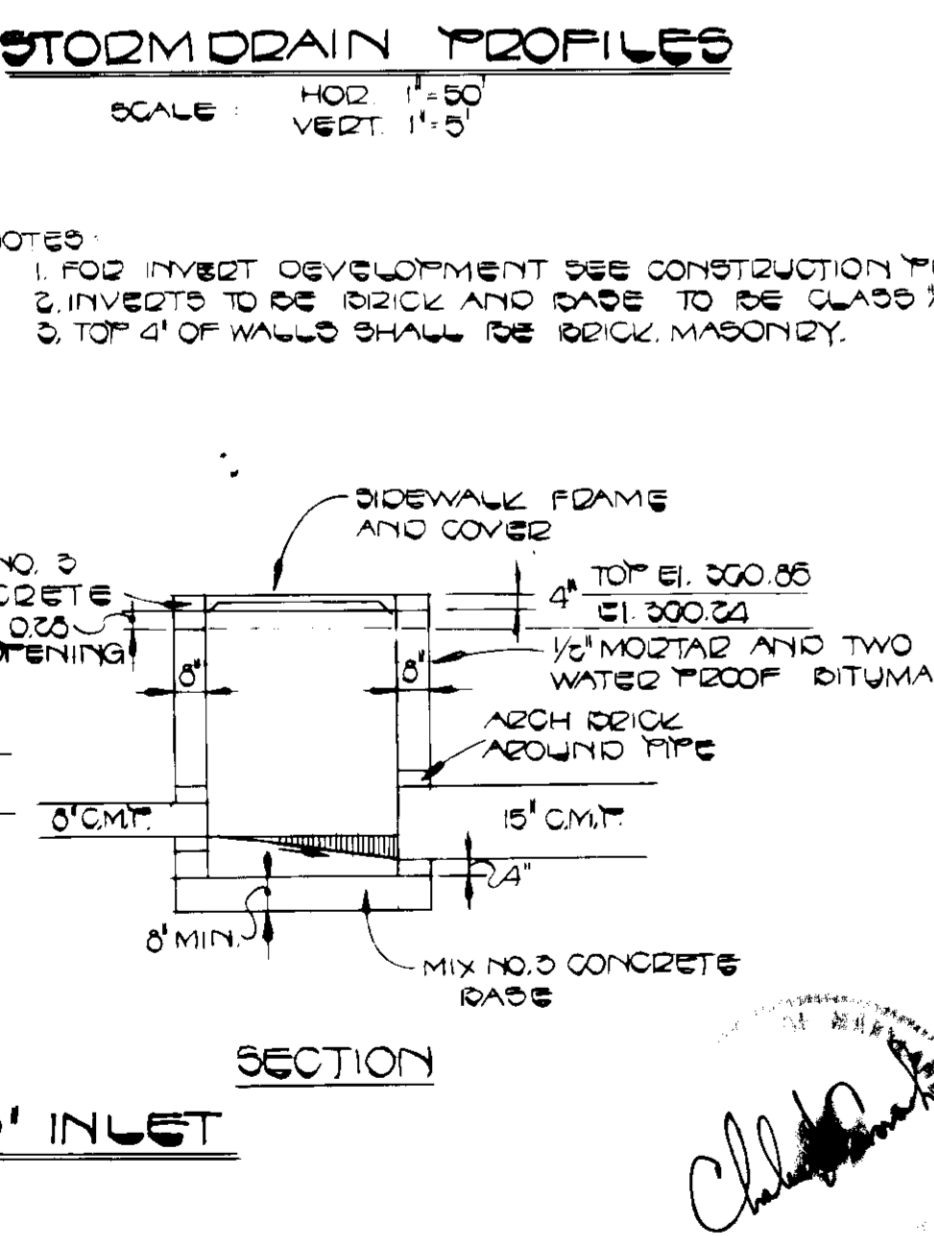
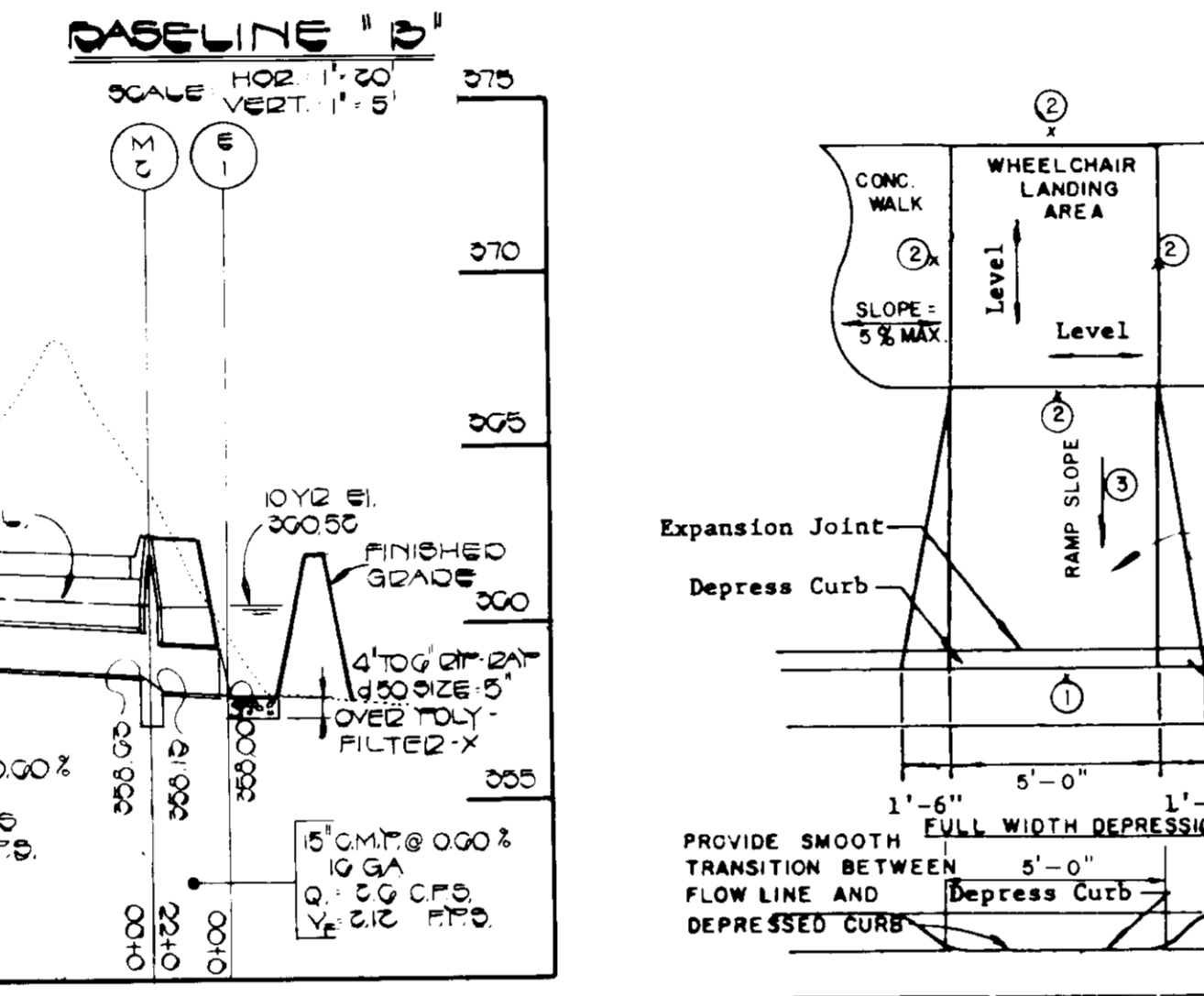
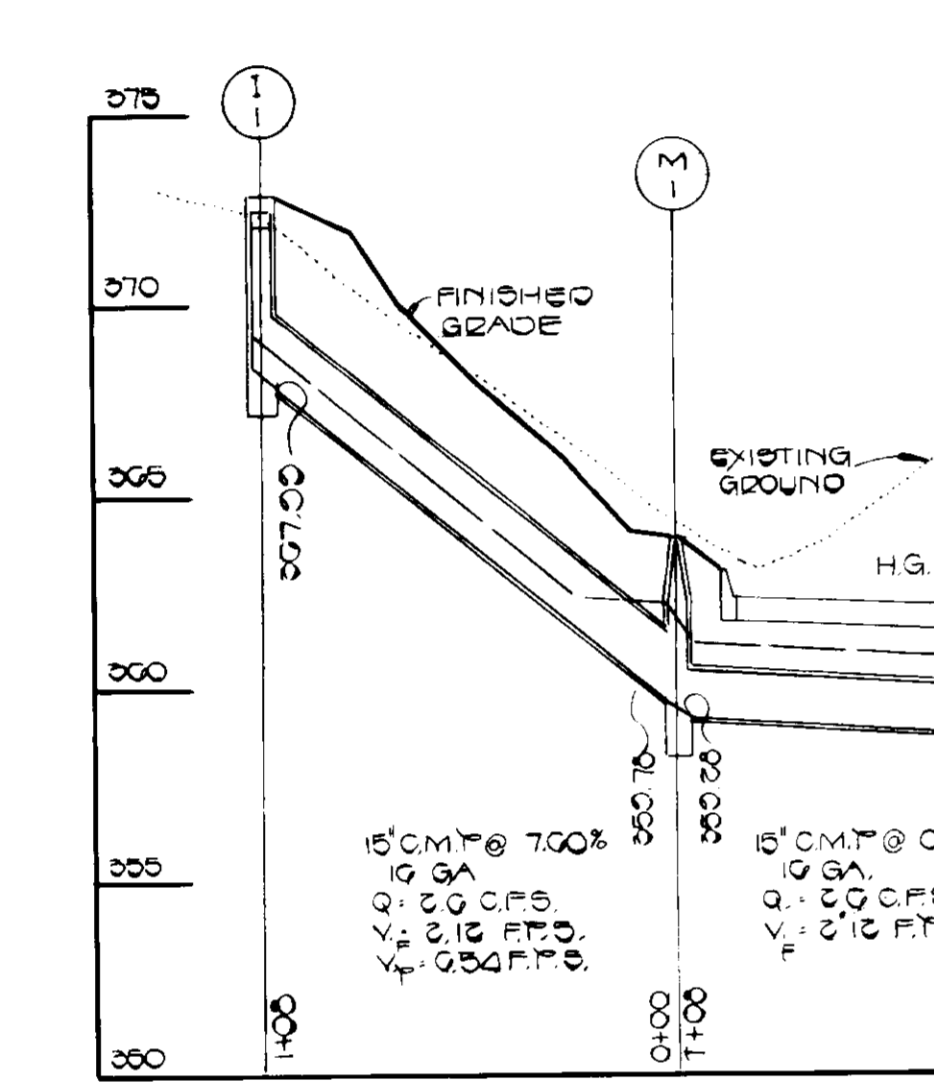
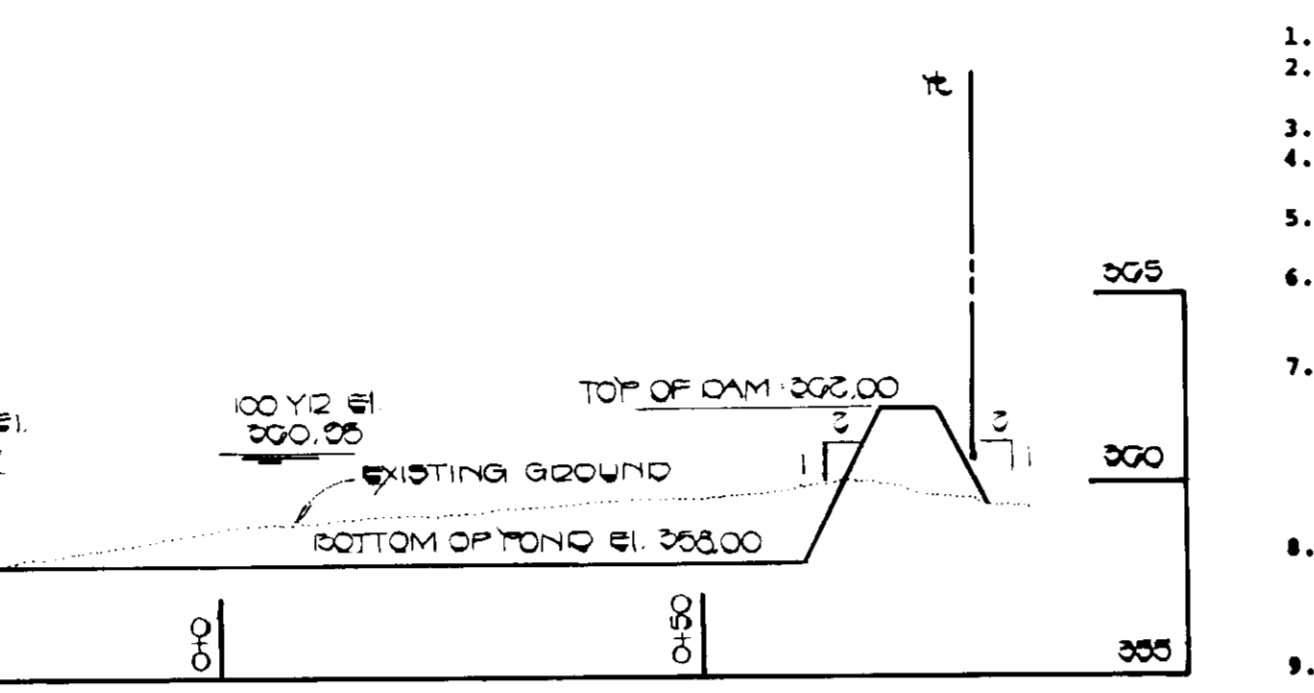
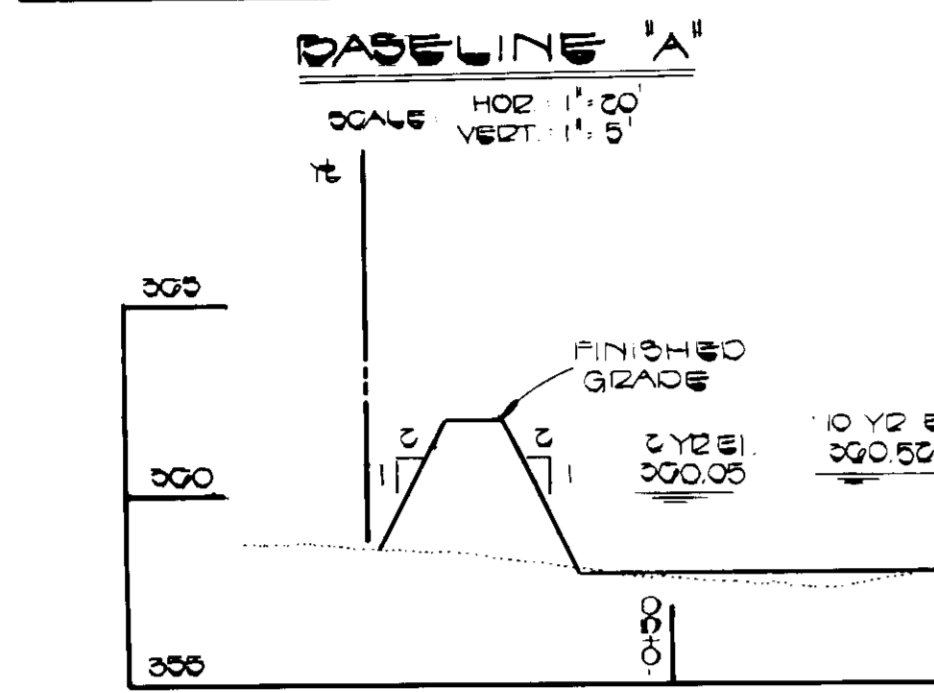
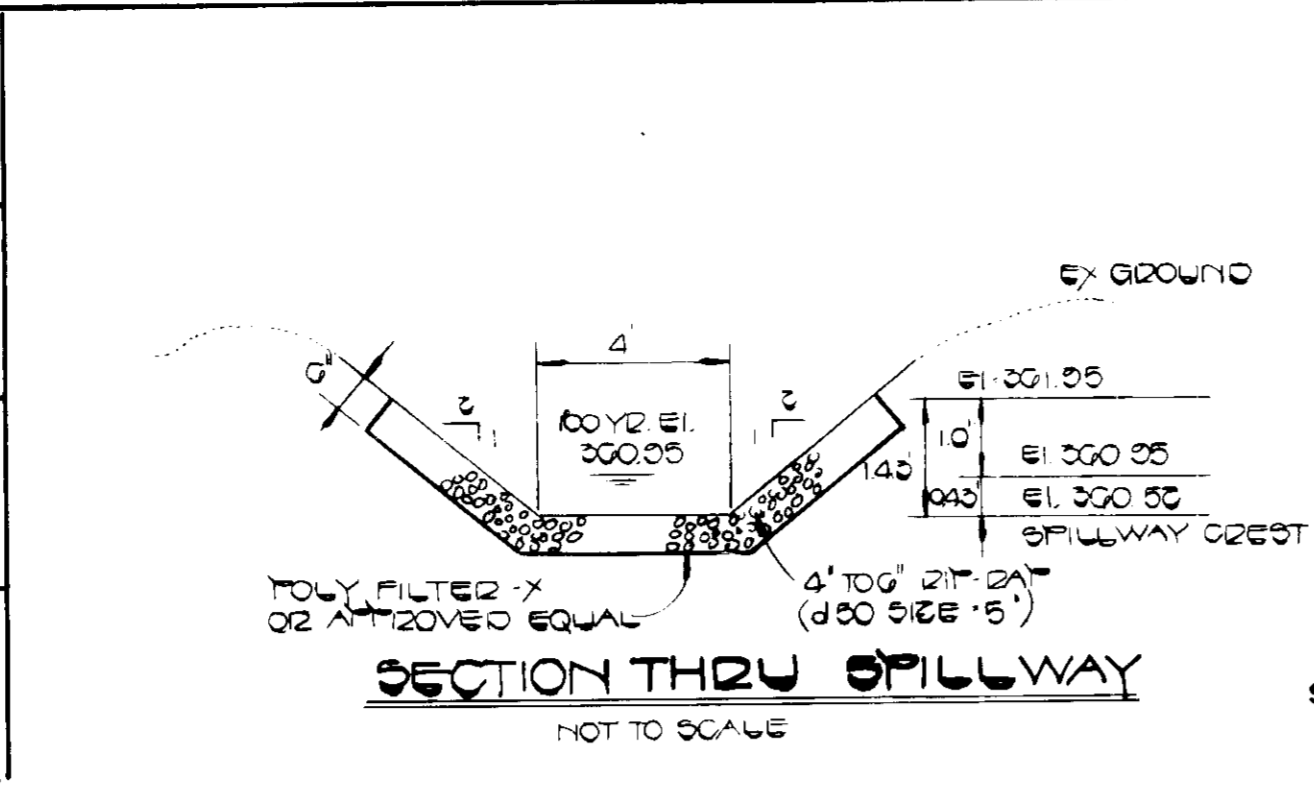
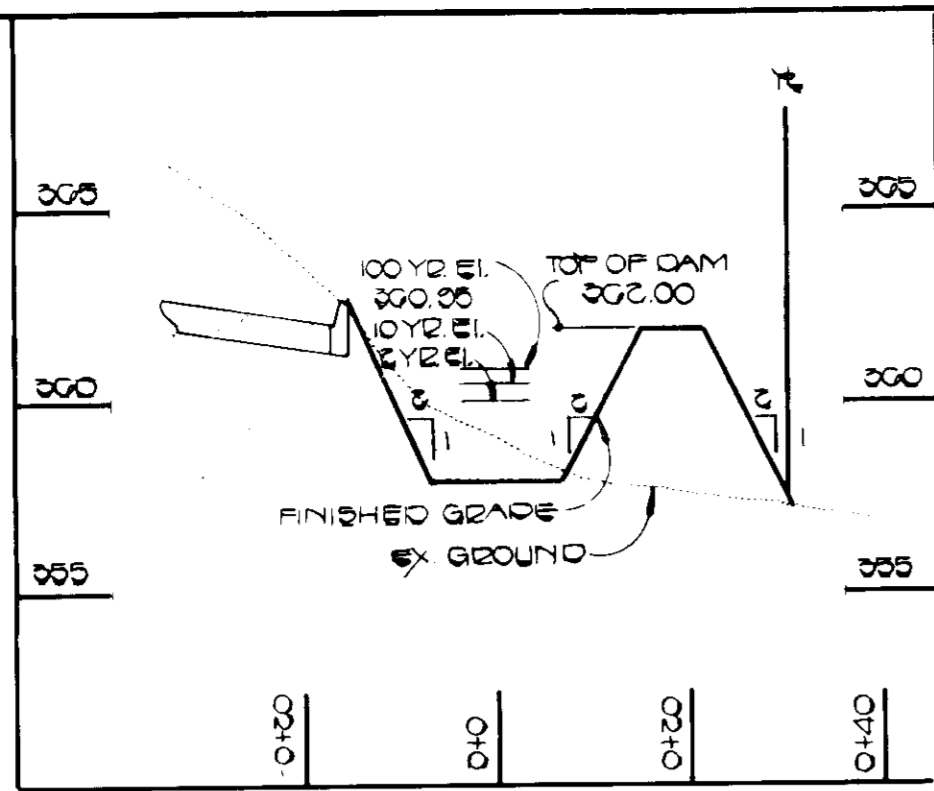
- LEGEND**
- EXISTING CONTOUR (---) INTERVAL
  - PROPOSED CONTOUR (---) INTERVAL
  - SPOT ELEVATION
  - DRAINAGE FLOW
  - RETAINING WALL
  - EX. WOODS TO BE SAVED
  - STRAM BALE DIKE (S.B.D.)
  - SILT FENCE (S.F.)
  - STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)
  - PERIMETER DIKE (P.D.)

[Signature]  
 [Stamp]

<b>FISHER, COLLINS &amp; CARTER, INC.</b> CIVIL ENGINEERS & LAND SURVEYORS 8388 COURT AVE. ELLICOTT CITY, MD. 21043 (301) 461-2855	<b>ENGINEER'S CERTIFICATE</b> 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 COUNTY SOIL CONSERVATION DISTRICT. [Signature] SIGNATURE OF ENGINEER 10/17/84 DATE	<b>DEVELOPER'S CERTIFICATE</b> "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY." [Signature] SIGNATURE OF DEVELOPER 10/17/84 DATE	REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS. [Signature] U.S. SOIL CONSERVATION SERVICE DATE THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT. APPROVED: [Signature] DISTRICT HOWARD COUNTY SOIL CONSERVATION DISTRICT	APPROVED: OFFICE OF PLANNING AND ZONING [Signature] PLANNING DIRECTOR DATE 4-30-85 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS. [Signature] HEALTH OFFICER DATE 4-27-85	APPROVED: DEPARTMENT OF PUBLIC WORKS, FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS. [Signature] DIRECTOR, PUBLIC WORKS DATE 4-24-85 CHIEF, BUREAU OF ENGINEERING [Signature] DATE 4-24-85	<b>SITE DEVELOPMENT PLAN</b> <b>SO. V. PROFESSIONAL BUILDING</b> <b>PARCEL B-2</b> FOR THE MILLER LAND COMPANY HOWARD COUNTY, MARYLAND SCALE AS SHOWN OCTOBER 2, 1984 SHEET 1 OF 2 S.O.P. 85-70																					
	<table border="1"> <thead> <tr> <th>SUBDIVISION NAME</th> <th>SECTION/AREA</th> <th>LOT / PARCEL No</th> </tr> </thead> <tbody> <tr> <td>MILLER LAND CO</td> <td>A</td> <td>P. B-2</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>PLAT No./L.F.</th> <th>BLOCK No</th> <th>ZONE</th> <th>TAX / ZONE MAP</th> <th>ELEC. DIST</th> <th>CENSUS TR.</th> </tr> </thead> <tbody> <tr> <td>3000</td> <td>5</td> <td>B-2</td> <td>24</td> <td>2</td> <td>000201</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>WATER CODE</th> <th>SEWER CODE</th> </tr> </thead> <tbody> <tr> <td>PO-7</td> <td>1402000</td> </tr> </tbody> </table>						SUBDIVISION NAME	SECTION/AREA	LOT / PARCEL No	MILLER LAND CO	A	P. B-2	PLAT No./L.F.	BLOCK No	ZONE	TAX / ZONE MAP	ELEC. DIST	CENSUS TR.	3000	5	B-2	24	2	000201	WATER CODE	SEWER CODE	PO-7
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**SEDIMENT CONTROL NOTES:**

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE U.S. D.A. SOIL CONSERVATION SERVICE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPMENT AREAS.
2. THE DEVELOPER SHALL NOTIFY THE HOWARD COUNTY OFFICE OF INSPECTION AND SURVEYS AT LEAST 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON (500-2407).
3. SEDIMENT CONTROL STRUCTURES TO BE CONSTRUCTED PRIOR TO ANY ON-SITE GRADING OR DISTURBANCE TO ANY EXISTING SURFACE MATERIAL, AND ARE TO BE STABILIZED AS SOON AS CONSTRUCTED.
4. ALL SEDIMENT CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY OFFICE OF INSPECTION AND SURVEYS (500-2407).
5. ALL GRADED AREAS NOT TO BE SODED SHALL BE STABILIZED BY SEEDING AND MULCHING IN ACCORDANCE WITH THE FOLLOWING:
  1. SITE PREPARATION:
    - A. HARROW OR DISC IN AREAS PROPOSED TO BE SEEDING THE FOLLOWING MATERIALS
      - 1) PULVERIZED LIMESTONE AT 2 TONS/ACRE.
      - 2) COMMERCIAL FERTILIZER 10-10-10 AT 3/4 TONS/ACRE.
      - 3) SUPER PHOSPHATE AT 600 LBS./ACRE.
    2. SEEDING:
      - A. SOW THE FOLLOWING SEED MIXTURE AT THE RATE OF 200 LBS./ACRE WITH A MECHANICAL SPREADER.
        - 1) TEMPORARY: ITALIAN OR PERENNIAL RYE GRASS.
        - 2) PERMANENT: 40% MARION BLUE GRASS, 40% DAKOTA BLUE GRASS AND 20% PENN LAWN CREEPING FESCUE.
      - B. THE SEEDING AREA SHALL THEN BE RAKED WITH A YORK RAKE (A MINIMUM OF 2 PASSES) COVERED AND COMPACTED WITH CULTIPACKER OR OTHER APPROVED METHOD.
    3. MULCHING:
      - A. SEEDING AREAS SHALL BE UNIFORMLY MULCHED IMMEDIATELY AFTER SEEDING WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 - 2 TONS/ACRE.
      - B. TIE MULCH DOWN WITH LIQUID ASPHALT AT 0.1 GAL./S.Y. OR EMULSIFIED ASPHALT AT 0.04 GAL./S.Y. OR MULCH NETTING.
  6. FOLLOWING INITIAL SOIL DISTURBANCE A REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
    1. SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1.
    2. FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.



- CONSTRUCTION SPECIFICATIONS**
1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
  2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
  3. Thickness - Not less than six (6) inches.
  4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
  5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
  6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
  7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any measures used to trap sediment. All sediment applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.
  8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
  9. Periodic inspection and needed maintenance shall be provided after each rain.

**CONSTRUCTION SPECIFICATIONS**

TYPE OF TREATMENT	CHANNEL GRADE	DIKE A	DIKE B
1	5-3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0%	SEED AND STRAW MULCH	SEED WITH JUTE, OR EXCELSTOR, 500; 2" STONE
3	5.1-8.0%	SEED WITH JUTE, OR 500; 2" STONE	LINED RIP-RAP 4-8"
4	8.1-20%	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

A. STONE TO BE 2 INCH STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.  
 B. RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND PRESSED INTO THE SOIL.  
 C. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.  
 7. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

**STRUCTURE SCHEDULE:**

NO.	TYPE	TOP EL.	INV. IN	INV. OUT	REMARKS
I-1	A-5	372.83	--	367.99	SD-4.01
M-1	Precast Std.	364.00	359.78	359.28	G-5.12
M-2	Precast Std.	362.60	358.63	358.13	G-5.12
E-1	Metal End Section	359.25	--	--	SD-5.61

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 8388 COURT AVE.  
 ELLICOTT CITY, MD. 21043  
 (301) 461-2855

**ENGINEER'S 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.

*Charles J. Fisher*  
 SIGNATURE OF ENGINEER  
 12/7/84  
 DATE

**DEVELOPER'S CERTIFICATE**  
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

*Frederick Schoenbrodt*  
 SIGNATURE OF DEVELOPER  
 12/14/84  
 DATE

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

*Thomas J. Harris*  
 U.S. SOIL CONSERVATION SERVICE  
 DATE 12/15/84

APPROVED: OFFICE OF PLANNING AND ZONING  
*Thomas J. Harris*  
 PLANNING DIRECTOR  
 DATE 4-30-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
 DATE 12/15/84

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.  
*Joyann Boyd*  
 HEALTH OFFICER  
 DATE 4-29-85

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

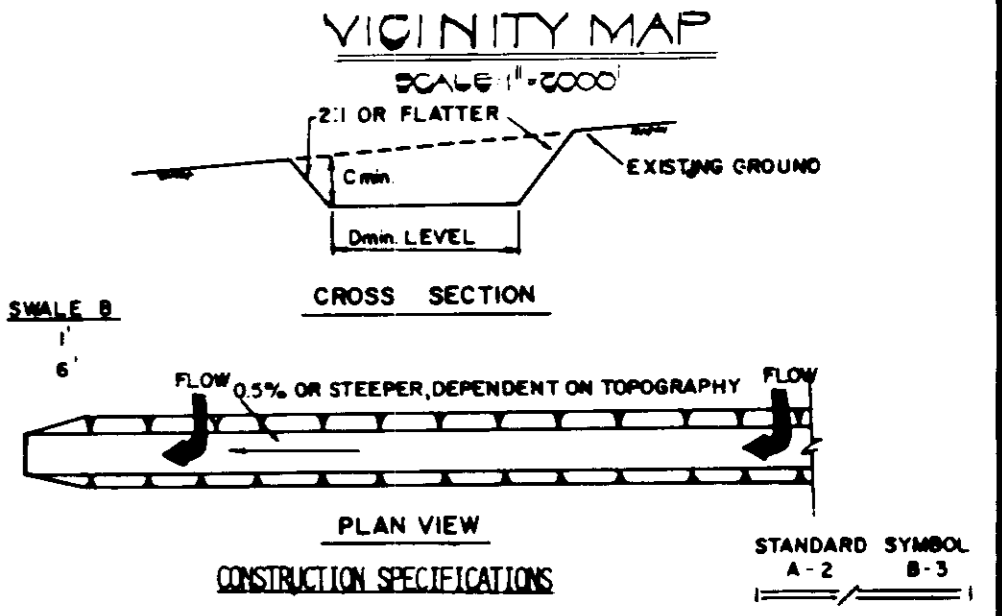
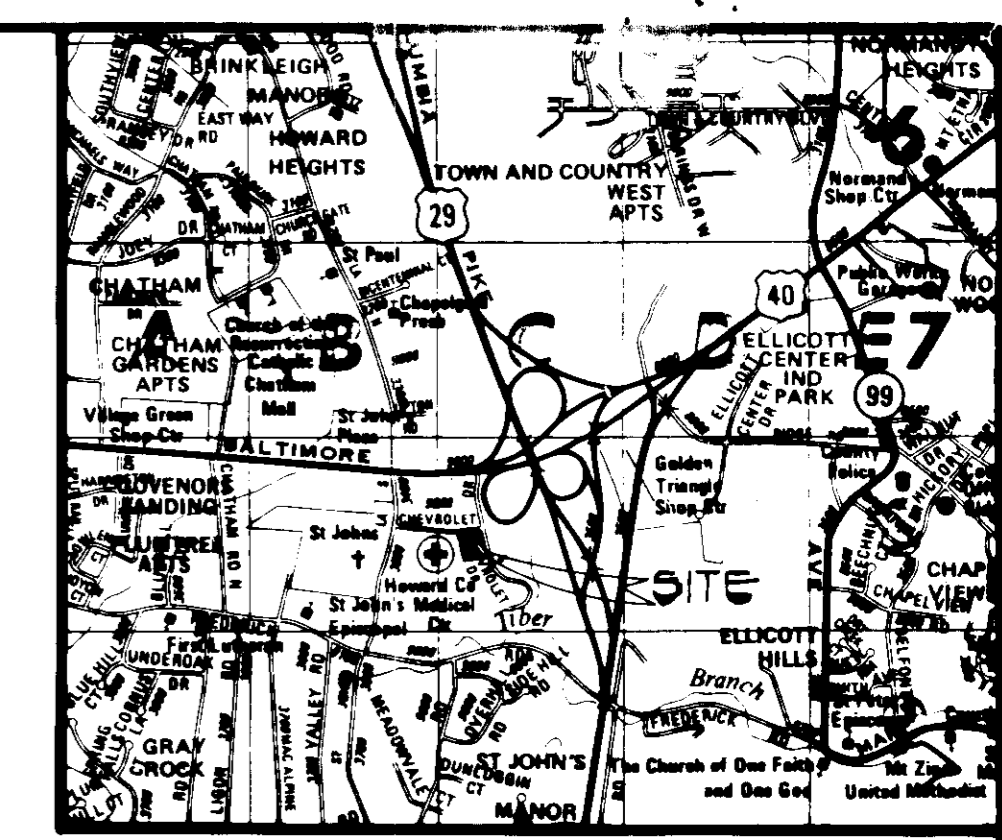
*William J. Harris*  
 CHIEF, BUREAU OF ENGINEERING  
 DATE 4-24-85

SUPERVISION NAME: MILLER LAND CO.  
 SECTION/AREA: N/A  
 LOT: 7  
 PARCEL NO: P-B-2  
 PLAT No./L.F. BLOCK No. ZONE TAX / ZONE ELEC. DIST. CENSUS TR. MAP 24 2B G00001  
 WATER CODE: FO-7  
 SEWER CODE: 1400000

**NOTES / DETAILS**  
**S.O.V. PROFESSIONAL BUILDING**  
**PARCEL B-2**  
 FOR THE MILLER LAND COMPANY  
 8th ELECTION DISTRICT HOWARD CO. MARYLAND  
 SCALE: AS SHOWN  
 OCTOBER 2, 1984  
 SHEET 2 OF 2

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.  
 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.  
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.  
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD  
 FENCE: WOVEN WIRE, 14" GA. 6" MAX. MESH OPENING  
 FILTER CLOTH: FILTER X, TRAFAL, LIND, STABILINKA 1100N OR APPROVED EQUAL  
 PREFABRICATED UNIT: GEFAB, DAVIFENCE, OR APPROVED EQUAL.



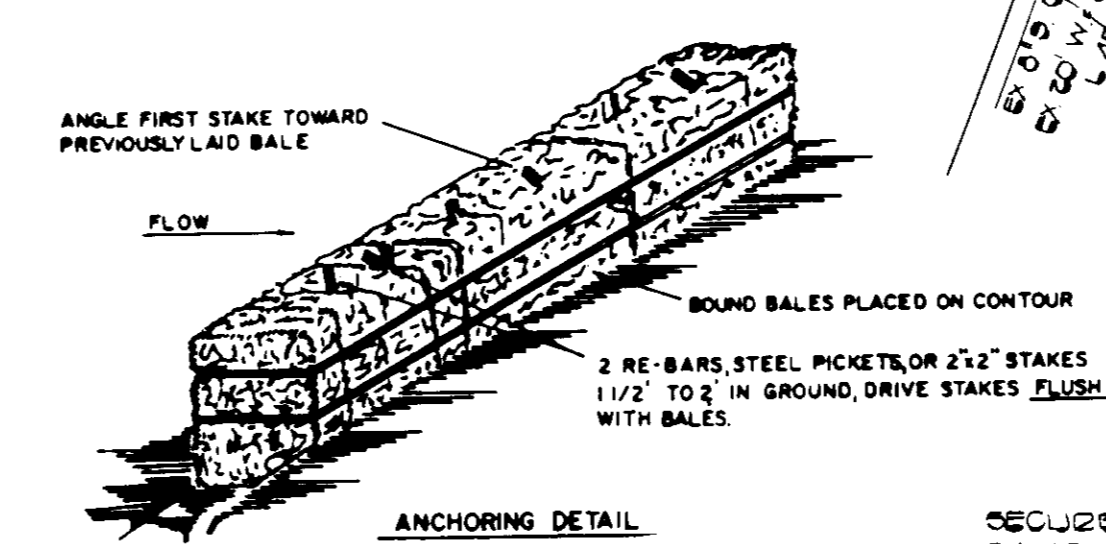
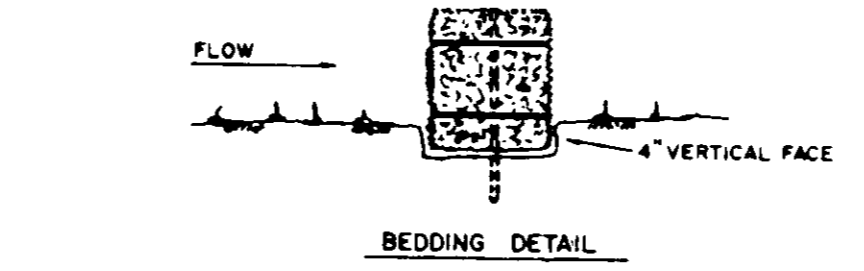
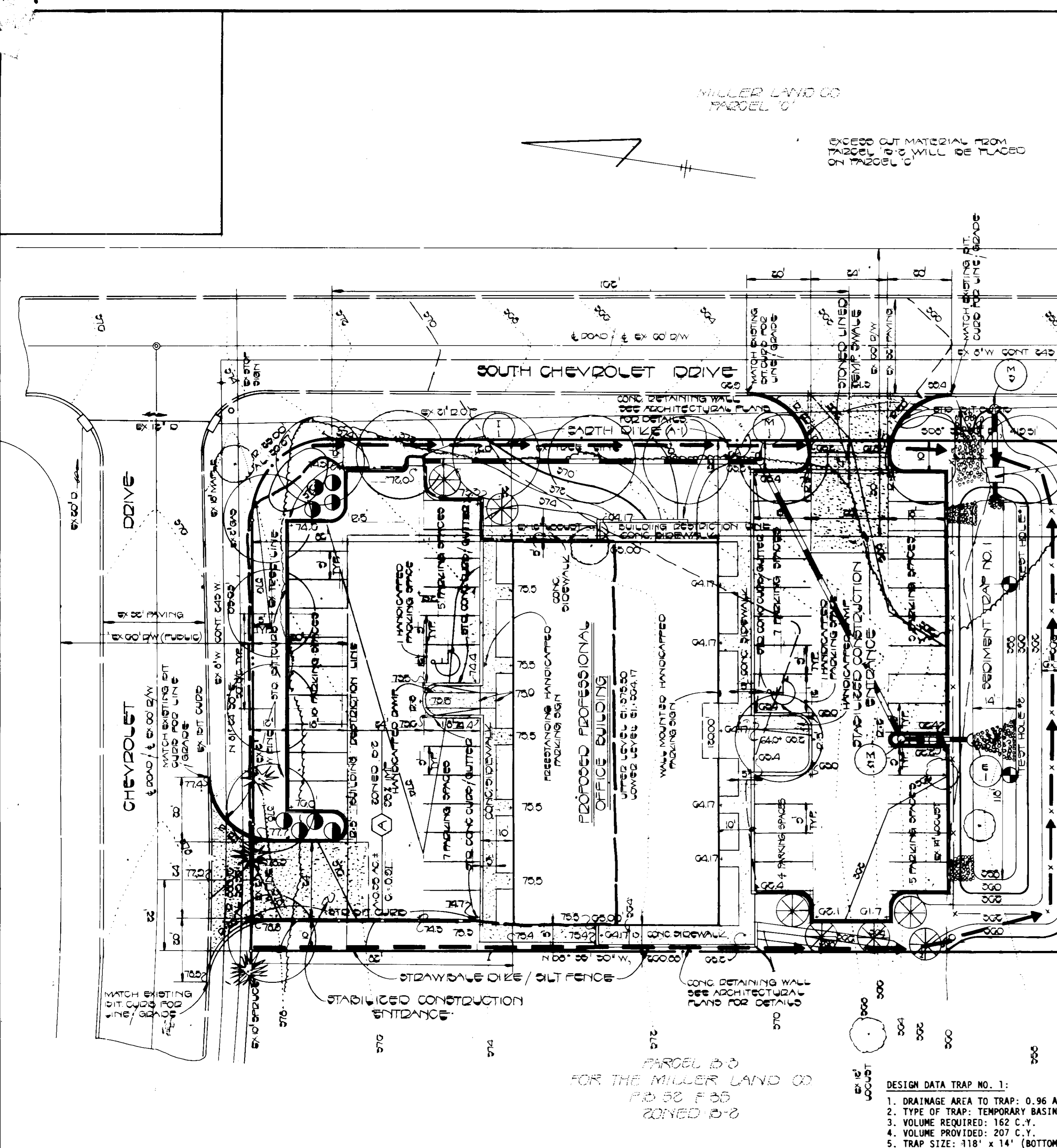
1. ALL TEMPORARY SNALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
  2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
  3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
  4. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SNALE.
  5. THE SNALE SHALL BE EXCAVATED OR SHARPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPED EROSION.
  6. FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
  7. ALL EARTH REMOVED AND NOT NEEDED ON CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SNALE.
  8. STABILIZATION SHALL BE AS PER THE CHART BELOW:
- | TYPE OF TREATMENT | CHANNEL GRADE | A (5 AC OR LESS)                  | B (5 AC - 10 AC)                                |
|-------------------|---------------|-----------------------------------|---|
| 1                 | 0.5-3.0%      | SEED AND STRAW MULCH              | SEED AND STRAW MULCH                            |
| 2                 | 3.1-5.0%      | SEED AND STRAW MULCH              | SEED USING JUTE OR EXCELISOR                    |
| 3                 | 5.1-8.0%      | SEED WITH JUTE OR EXCELISOR, 5:00 | LINED RIP-RAP 4-8" RECYCLED CONCRETE EQUIVALENT |
| 4                 | 8.1-20%       | LINED 4-8" RIP-RAP                | ENGINEERED DESIGN                               |
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

### TEMPORARY SWALE W/ STONE LINING NOT TO SCALE

- CONSTRUCTION SEQUENCE:**
1. OBTAIN GRADING PERMIT.
  2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES AS SHOWN ON PLAN.
  3. EXCAVATE TEMPORARY SEDIMENT BASIN TO REQUIRED DIMENSIONS AS SHOWN ON PLAN. CONSTRUCT STORM WATER MANAGEMENT STRUCTURE. USE EXCAVATED MATERIAL TO CONSTRUCT DIVERSION DIKE. INSTALL 12" CMP WITH 4" OPENING LOW FLOW ORIFICE PIPE AND BLOCK. SEE DETAIL FOR TYPE OF BLOCKING. STABILIZE BASIN AND DIKE WITH SEED AND MULCH. INSTALL STRAW BALE DIKE/SILT FENCE ALONG NORTHWEST PROPERTY LINE. CONSTRUCT EMERGENCY SPILLWAY AND STABILIZE.
  4. CLEAR AND GRUB SITE AND GRADE TO SUBGRADE. STOCKPILE EXCESS MATERIAL IN AREA DESIGNATED.
  5. CONSTRUCT STORM DRAIN SYSTEM AND ON-SITE UTILITIES.
  6. BEGIN BUILDING CONSTRUCTION. CONSTRUCT CURB AND GUTTER AND INSTALL BASE COURSE.
  7. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT BASIN WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
  8. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON, AFTER EACH RAINFALL AND ON A DAILY BASIS.
  9. THE SEDIMENT BASIN SHALL BE Dewatered BY PUMPING. THE SEDIMENT FROM THE BASIN SHALL BE PLACED UP-GRADE FROM THE SEDIMENT BASIN IN SUCH A MANNER AS NOT TO INTERFERE WITH CONSTRUCTION OPERATIONS OR CAUSE EROSION DOWNGRADE FROM THE SEDIMENT BASIN.
  10. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
  11. BEGIN CONVERSION OF TEMPORARY SEDIMENT BASIN TO PERMANENT STORM WATER MANAGEMENT POND FINE GRADE POND AREA TO REQUIRED DIMENSIONS AND ELEVATIONS AND STABILIZE WITH PERMANENT SEEDING MIXTURE. WHEN SEEDING MIXTURE HAS GERMINATED ADEQUATELY TO STABILIZE SIDE SLOPES AND ALL UPSTREAM AREAS ARE STABILIZED, REMOVE BLOCKING FROM LOW FLOW ORIFICE. FLOSH STORM DRAIN SYSTEM TO REMOVE ANY TRAPPED SEDIMENT. INSTALL RIP-RAP APRONS.
  12. REMOVE STONE CONSTRUCTION ENTRANCE. CLEAN BASE COURSE, APPLY TACK COAT TO BASE COURSE AND LAY SURFACE COURSE.
  13. ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED WITH PERMANENT SEEDING MIXTURE.

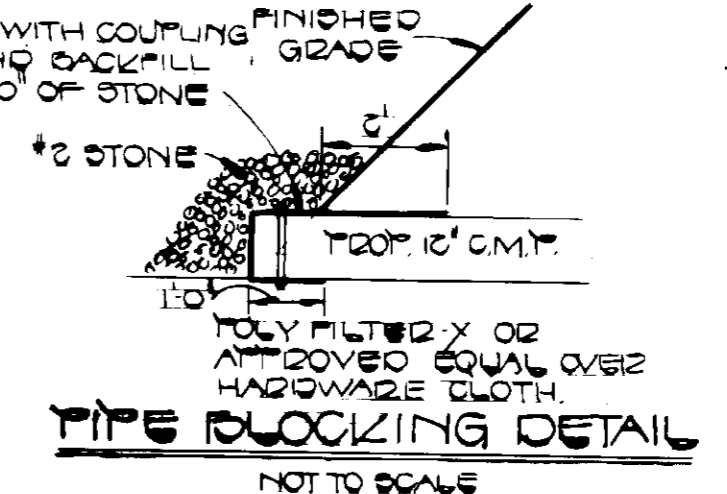
- SITE ANALYSIS:**
1. TOTAL AREA OF PARCEL: 1.027 AC. ±
  2. TOTAL AREA DISTURBED: 0.958 AC. ±
  3. TOTAL IMPERVIOUS: 0.65 AC. ±
  4. TOTAL AREA TO BE REVEGETATED: 0.31 AC. ±
  5. TOTAL CUT: 4860 C.Y. ±
  6. TOTAL FILL: 1065 C.Y. ±
  7. OFFSITE WASTE AREA LOCATION: PARCEL 'C'

NOTE ALL SEDIMENT TRAPS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. I CHAPTER 12 OF HOWARD CO. DESIGN MANUAL, STORM DRAINAGE.



- CONSTRUCTION SPECIFICATIONS**
1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
  2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
  3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
  4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
  5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPED STORM FLOW OR DRAINAGE.

### STRAW BALE DIKE NOT TO SCALE



- LEGEND**
- EXISTING CONTOUR (1' INTERVAL)
  - PROPOSED CONTOUR (1' INTERVAL)
  - SPOT ELEVATION
  - DRAINAGE FLOW
  - RETAINING WALL
  - EX. WOODS TO BE SAVED
  - STRAW BALE DIKE (S.B.D.)
  - SILT FENCE (S.F.)
  - STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)
  - PERIMETER DIKE (P.D.)

- DESIGN DATA TRAP NO. 1:**
1. DRAINAGE AREA TO TRAP: 0.96 AC. ±
  2. TYPE OF TRAP: TEMPORARY BASIN
  3. VOLUME REQUIRED: 182 C.Y.
  4. VOLUME PROVIDED: 207 C.Y.
  5. TRAP SIZE: 118' x 14' (BOTTOM DIMENSIONS)
  6. TRAP DEPTH: 2.5'
  7. CREST EL.: 361.00
  8. BOTTOM EL.: 358.00
  9. CLEANOUT EL.: 359.50

**OWNER/DEVELOPER**  
**FREDERICK SCHOENBRODT**  
 9058 CHEVROLET DRIVE  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 465-5253

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 8388 COURT AVE.  
 ELLICOTT CITY, MD. 21043  
 (301) 461-2855

**ENGINEER'S 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.

*Charles J. Fisher*  
 SIGNATURE OF ENGINEER  
 10/17/84  
 DATE

**DEVELOPER'S CERTIFICATE**  
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

*Frederick Schoenbrodt*  
 SIGNATURE OF DEVELOPER  
 10/17/84  
 DATE

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

*James A. Wilson*  
 U.S. SOIL CONSERVATION SERVICE  
 DATE

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

*Stephen A. Wilson*  
 DISTRICT MANAGER  
 HOWARD SOIL CONSERVATION DISTRICT  
 DATE

APPROVED: OFFICE OF PLANNING AND ZONING

*Thomas J. Amingo*  
 PLANNING DIRECTOR  
 4-30-85  
 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.

*James B. ...*  
 HEALTH OFFICER  
 DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

*James B. ...*  
 DIRECTOR, PUBLIC WORKS  
 DATE

*James B. ...*  
 CHIEF, BUREAU OF ENGINEERING  
 DATE

SUBDIVISION NAME: MILLER LAND CO.  
 SECTION/AREA: N.A.  
 LOT / PARCEL NO.: P. B-3

PLAT NO./L.P. BLOCK NO. ZONE TAX / ZONE ELEC. DIST. CENSUS TR.  
 5000 9 0-2 MAP 24 2<sup>ND</sup> 0000.01

WATER CODE: PD-7 SEWER CODE: 1400000

**SEDIMENT CONTROL PLAN**

**S.O.V. PROFESSIONAL BUILDING**

**PARCEL B-3**

FOR THE MILLER LAND COMPANY

BY ELECTION DISTRICT HOWARD CO MARYLAND  
 SCALE: AS SHOWN  
 OCTOBER 7, 1984  
 SHEET 3 OF 3