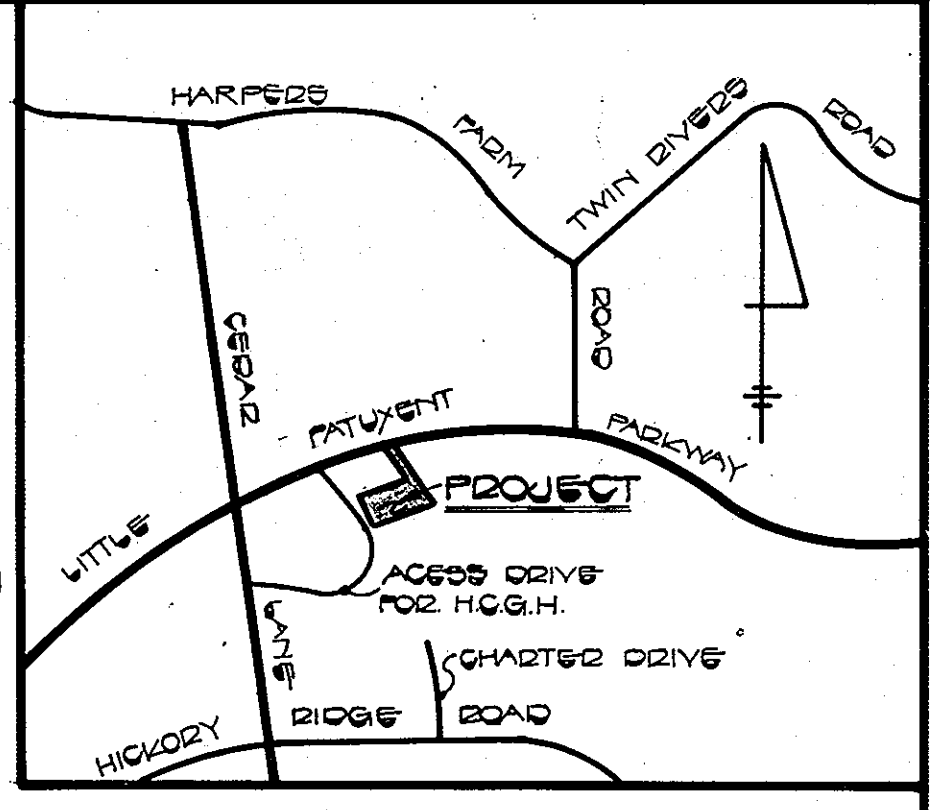
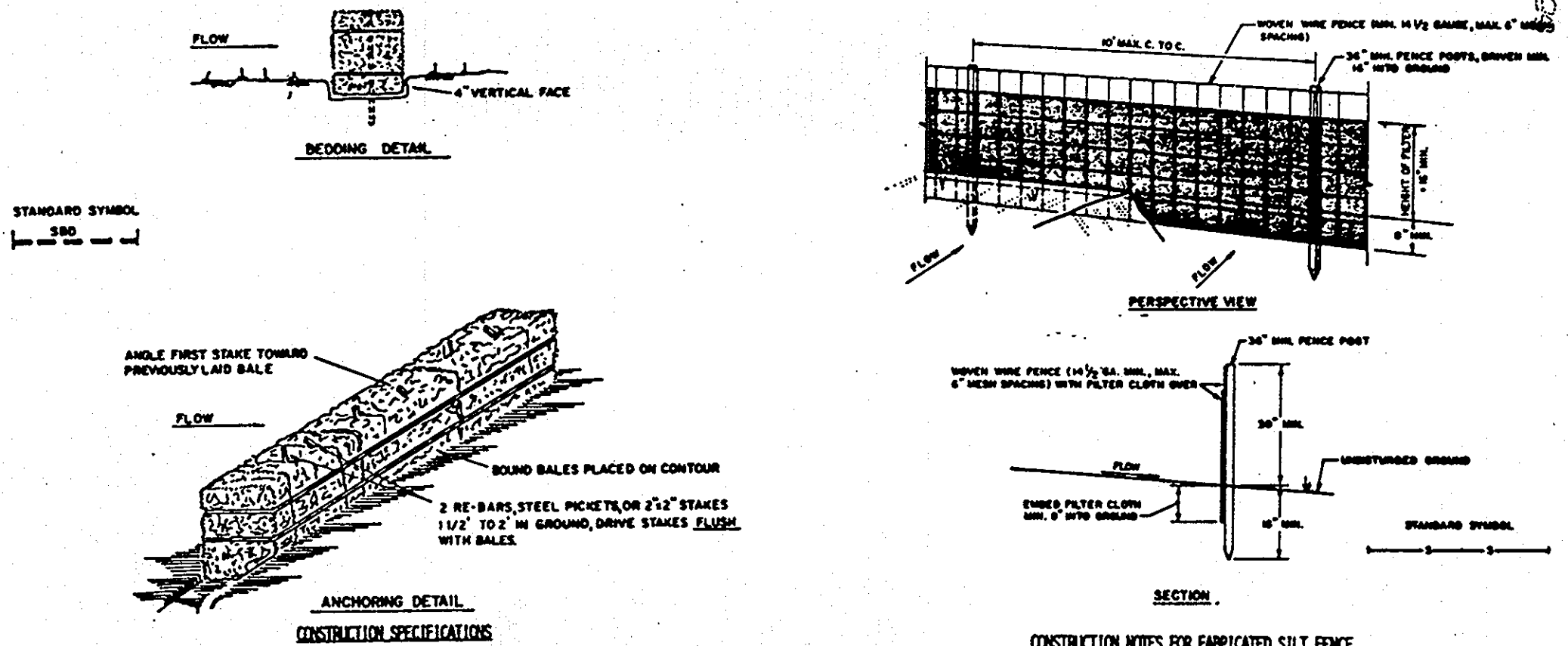


Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 22664, Expiration Date: 7-22-2001
 FOR REV. BY BEI ONLY
 8880 BACIMORE MILITARY
 SUITE 418, BELLGATE CITY, MD
 410-425-0255



- GENERAL NOTES:**
- TOTAL AREA OF PARCEL: 3.23 AC.±
 - PRESENT ZONING: NEW TOWN (N.T. - EMPLOYMENT CENTER COMMERCIAL)
 - PROPERTY IS RECORDED AS PLAT NO. 0074
 - FINAL DEVELOPMENT PLAN PHASE 177-A AND RECORDED IN PLAT BOOK C.M.P. NO. 3054
 - PROPERTY IS SHOWN ON TAX MAP 35, PART OF PARCEL 386
 - PARKING DATA:
 - INTENDED USE OF STRUCTURE: MEDICAL OFFICE BUILDING
 - TOTAL AREA OF BUILDING: 18,800 S.F. OR 0.43 AC.± (13% COVERAGE)
 - LOWER LEVEL: 18,800 S.F.
 - FIRST FLOOR: 18,800 S.F.
 - SECOND FLOOR: 18,800 S.F.
 - TOTAL FLOOR AREA: 56,400 S.F.
 - TOTAL NUMBER OF SPACES REQUIRED: 113 SPACES
 - 2 SPACES/1000 S.F. NET LEASABLE AREA DEVOTED TO OFFICE USE: 56,400 S.F. ÷ 1000 S.F. x 2 = 113 SPACES
 - TOTAL NUMBER OF SPACES PROVIDED: 207
 - REGULAR SPACES (9' x 18' @ 20'): 200
 - HANDICAPPED SPACES (12' x 18'): 7
 - OPEN SPACE (GREEN AREA): 0.73 AC.± (22%)
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 202-2457.
 - HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER FREE FACILITIES" AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED"
 - ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
 - 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.
 - THE CONTRACTOR SHALL NOTIFY MISS UTILITY 559-0100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
 - SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.

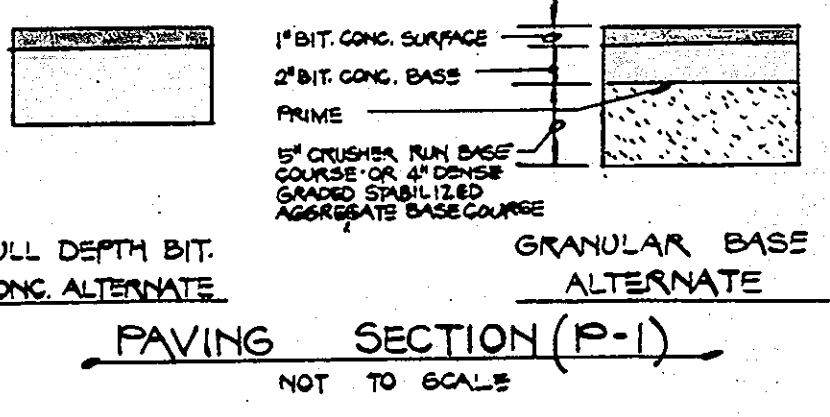
BUILDING PROFILE
NOT TO SCALE



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE:**
- When wire fence is fastened securely to fence posts with wire ties or staples.
 - Filter cloth to be fastened securely to silt fence fabric with ties spaced every 2' at top and mid section.
 - When top sections of filter cloth remain in place by either two stakes or re-bars driven through the fabric. 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.
 - Inspection shall be frequent and repair/replacement shall be made promptly as needed.
 - Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

REVISIONS

DATE	DESCRIPTION
7/2/85	ADDED 10' P.V.C. ROOF DRAIN
4/1/82	ADDED 5' CONC. SIDEWALKS



ADDRESS CHART

PARCEL NO.	ADDRESS
G-1	11000 LITTLE PATUXENT PARKWAY

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 5-7-85

DATE	REVISION	DATE	DESCRIPTION
10-25-84	REVISE PER COMMENTS MARKS, COOL/THOMAS	8-14-85	ADD CONC. PAD (10'x25') IN CORNER BY BEI ZONED POZ
10-0-84	REVISE GRADING, ADD WATER AND SEWER	4-1-85	REVISE STORMWATER MANAGEMENT
8-11-84	REVISE PER COUNTY COMMENTS ENTER 8-30-84	11-14-84	REVISE PER HUD ARCH. COMMENTS DATE 11/84

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 INSPECTION OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY EROSION DISTRICT.

Signature: *Charles J. Carter*
 DATE: July 11, 1984

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."

Signature: *William N. Whitford*
 DATE: July 11, 1984

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

Signature: *J. Helmutz*
 DATE: 8/15/85

Signature: *Stephen L. Huber*
 DATE: 8/15/85

APPROVED: OFFICE OF PLANNING AND ZONING

Signature: *John J. ...*
 DATE: 8-15-85

Signature: *John J. ...*
 DATE: 8-15-85

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

Signature: *John J. ...*
 DATE: 8-9-85

Signature: *John J. ...*
 DATE: 8-9-85

SITE DEVELOPMENT PLAN
 REVISION TO APPROVED 5-22-85
 COLUMBIA TOWN CENTER
 PARCEL G-1
 SECTION 8 AREA 4
 MEDICAL OFFICE BUILDING

5TH ELECTION DISTRICT HOWARD CO. MARYLAND
 TAX MAP 35
 SCALE AS SHOWN
 MARCH 20, 1985
 SHEET 1 OF 5

Aggregate Base Course - POROUS PAVEMENT

- All stone used shall be clean, washed, crushed stone, meeting local highway department specifications.
- Aggregate shall be of two sizes: the reservoir base course shall be to depth as noted on drawings of aggregate (maximum of 2", minimum of 1"), and a 2-inch deep top course of 1/2" aggregate (maximum of 5/8", minimum 3/8").
- Aggregate base course shall be laid over a dry subgrade covered with engineering filter fabric to a depth shown in drawings, in lifts to lay naturally compacted. The stone base course shall be compacted lightly. Keep the base course clean from debris, and sediment.

Porous Asphalt Surface Course

- The surface course shall be laid directly over the 1/2" aggregate base course and shall be laid in one lift.
- The laying temperature shall be between 230° and 260°, with minimum air temperature of 50°, to make sure that the surface does not cool prior to compaction.
- Compaction of surface course shall be done while the surface is cool enough to resist a 10-ton roller. One or two passes by the roller is all that is required for proper compaction. More rolling could cause a reduction in the surface course porosity.
- Mixing plant shall certify the aggregate mix and abrasion loss factor and the asphalt content in the mix. The asphaltic mix shall be tested for its resistance to stripping by water using ASTM D 1664. If the estimated coating area is not above 95 percent, anti-stripping agents shall be added to the asphalt.
- Transporting of mix to site shall be in clean vehicle with smooth dump beds that have been sprayed with a non-petroleum release agent. The mix shall be covered during transportation to control cooling.
- Mix of asphalt shall be 5.5 to 6 percent of weight of dry aggregate.
- Asphalt grade shall meet AASHTO Specification M-20 for 85 to 100 penetration road asphalt as a binder in the northern United States, 65 to 80 in the middle states (Maryland), and 50 to 65 in the South.
- Aggregate grading shall be as specified in Table 3-3.

Protection

After final rolling, no vehicular traffic of any kind shall be permitted on the pavement until cooling and hardening has taken place, and in no case less than 6 hours (preferably a day or two).

Workmanship

- Work shall be done expertly throughout and without staining or damage to other permanent work.
- Make transition between existing and new paving work neat and flush.
- Finished paving shall be even, without pockets, and graded to elevations shown.
- Iron smoothly to grade, all minor surface projections and edges adjoining other materials.

Certification

An appropriate professional, registered in the State of Maryland, shall certify that these specifications were complied with.

Maintenance

The surface of porous asphalt pavement must be cleaned regularly to avoid its becoming clogged by fine material. This cleaning is best accomplished through use of a vacuum cleaning street sweeper. Outside of regular cleaning, porous pavement requires no more maintenance than conventional pavement. In times of heavy snowfall it must be recognized that application of abrasive material should be closely monitored to avoid clogging problems once the snow and ice has melted. No method of maintenance has been satisfactory on fully clogged pavements, and only a superficially clogged section showing a water infiltration rate of 0.1 inches per second compared to a normal water penetration of 0.38 inches per second can be restored to normal operation. The best method for cleaning is brush and vacuum sweeping followed by high pressure water washing of the pavement. Vacuum cleaning alone, once the pavement is clogged, has been found ineffective. The oils in the asphalt bind dirt, and only an abrading and washing technique can be effective in the removal of such dirt. Clogging to a depth of 0.5 inch is sufficient to prevent water penetration.

Traffic Control

Experience has shown the need for close control of contractor vehicles on newly installed areas of porous asphalt pavement. Damage to pavement porosity results chiefly from abuse during the early life of the pavement. Normally, paving is done while heavy construction or earth moving is continuing in an area. The pavement is thus subjected to mud and dirt from contractor vehicles for up to several months, and the continual passage of these vehicles compacts the dirt into the pores. Only if caked mud is cleaned from vehicle wheels and the pavement is cleaned daily by sweeping and high-pressure water washing can porosity be retained. Clogging can be further minimized by proper use of curbing to prevent surrounding soils from washing onto the pavement surface.

Developer

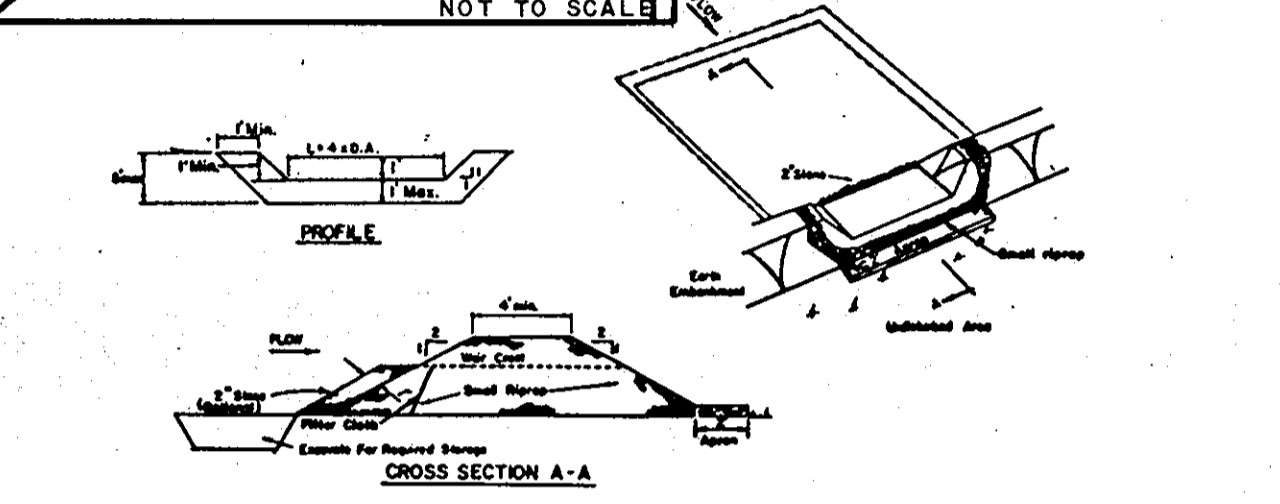
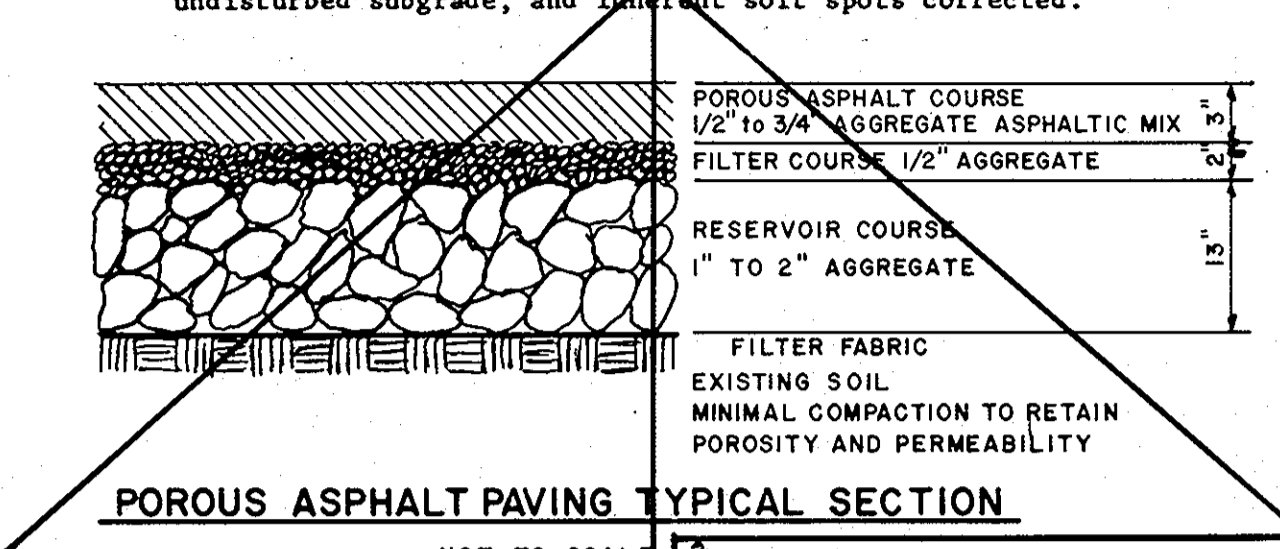
THE COLUMBIA DOCTORS BUILDING.
JOINT VENTURE.
c/o RICHARD B. TALKIN
ATTORNEYS AT LAW
SUITE 105
5560 STERRETT PLACE
COLUMBIA, MARYLAND 21044

Stabilization - POROUS PAVEMENT

To preclude premature clogging and/or failure of this practice, porous asphalt paving structures shall not be placed into service until all of the surface drainage areas contributing to the pavement have been effectively stabilized in accordance with Maryland Standards and Specifications for Soil Erosion and Sediment Control.

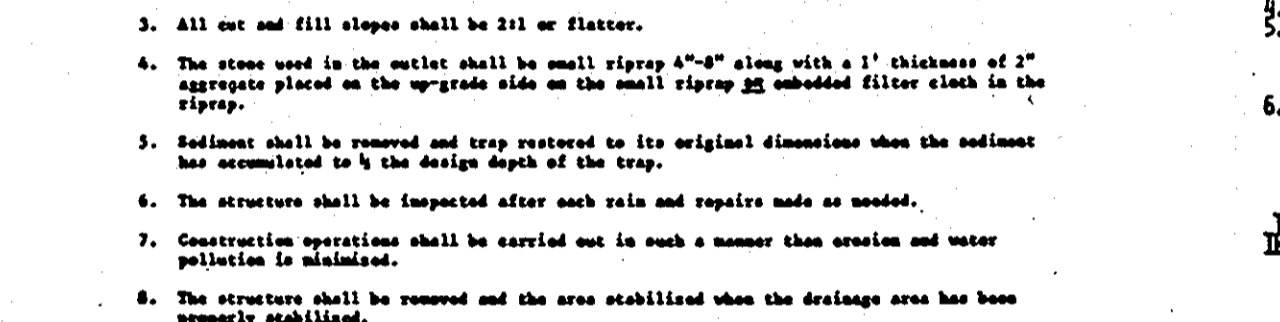
Subgrade Preparation

- Alter and refine the grades as necessary to bring subgrade to required grades and sections as shown in the drawings.
- The type of equipment used in subgrade preparation construction shall not cause undue subgrade compaction. (Use tracked equipment or oversized rubber tire equipment - DO NOT use standard rubber tired equipment.) Traffic over subgrade shall be kept at a minimum. Where fill is required, it shall be compacted to the same density as the undisturbed subgrade, and important soft spots corrected.



CONSTRUCTION SPECIFICATIONS

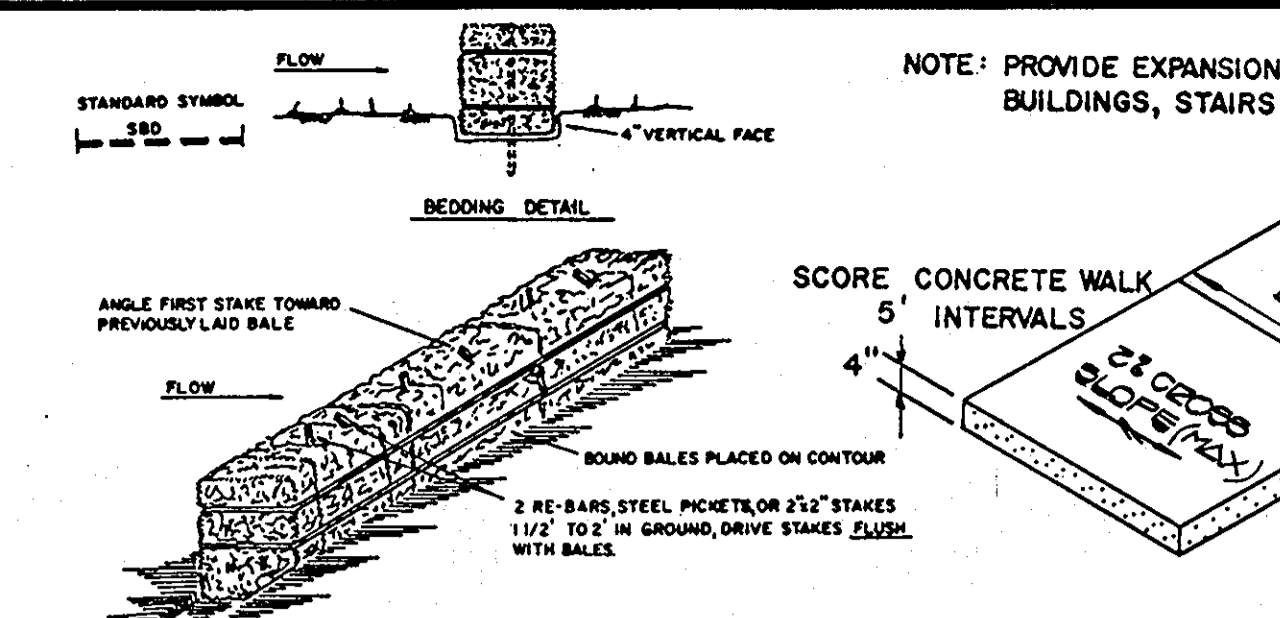
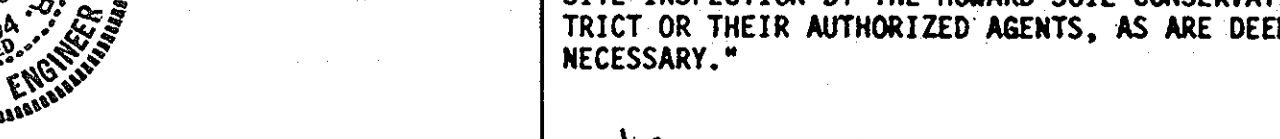
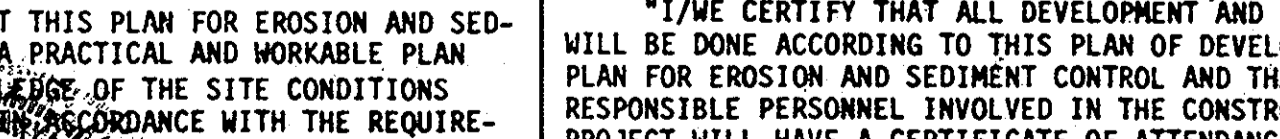
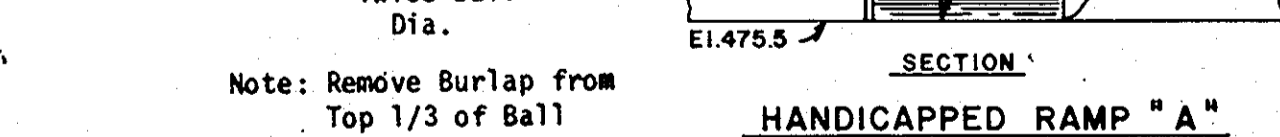
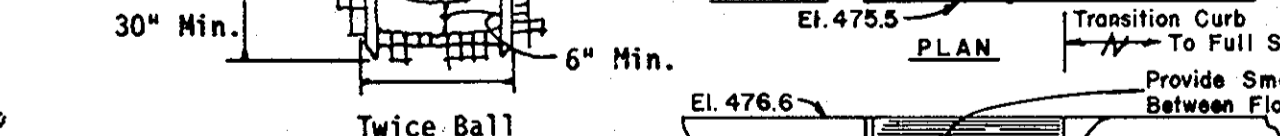
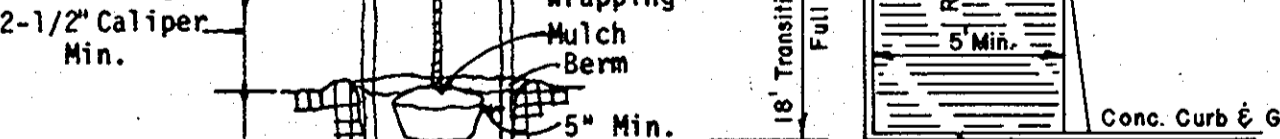
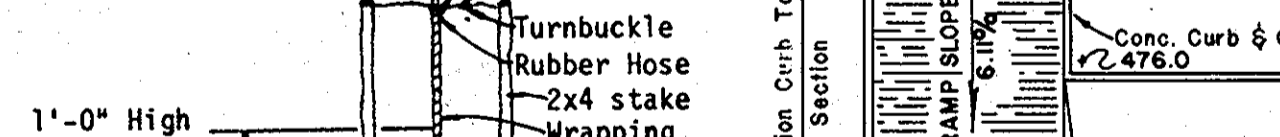
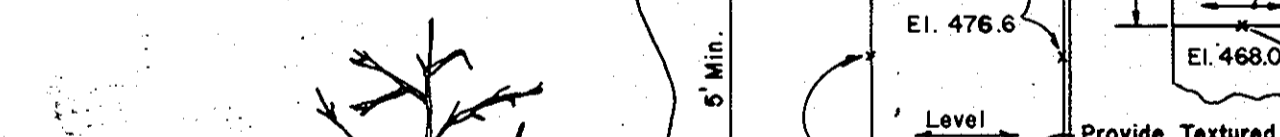
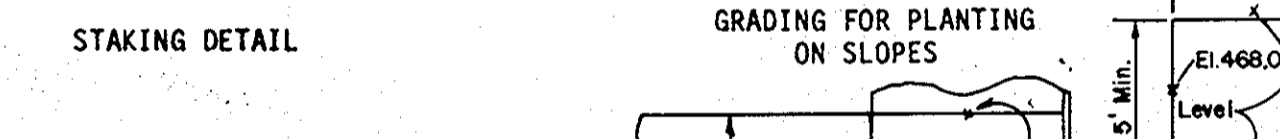
- Area under embankment shall be cleared, grubbed and stripped of any vegetation and rock mat. The soil area shall be cleared.
- The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
- All cut and fill slopes shall be 2:1 or flatter.
- The stone used in the outlet shall be small riprap 4-8" along with a 1" thickness of 2" aggregate placed on the up-grade side on the small riprap 4-8" embankment filter cloth in the riprap.
- Sediment shall be removed and trap returned to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
- The structure shall be inspected after each run and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
- The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.



CONSTRUCTION SPECIFICATIONS

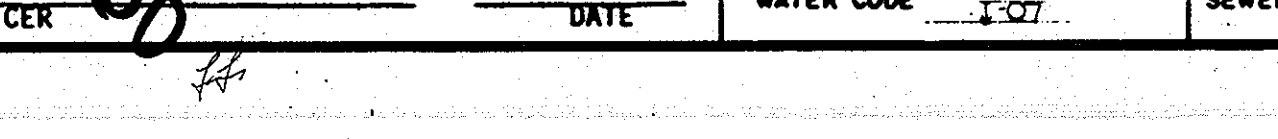
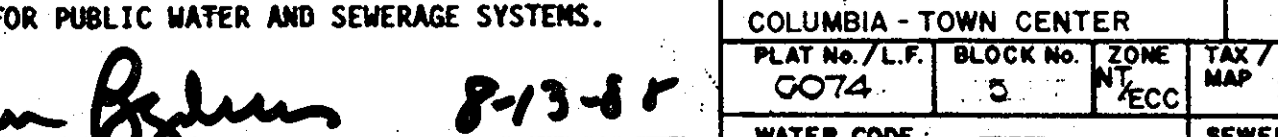
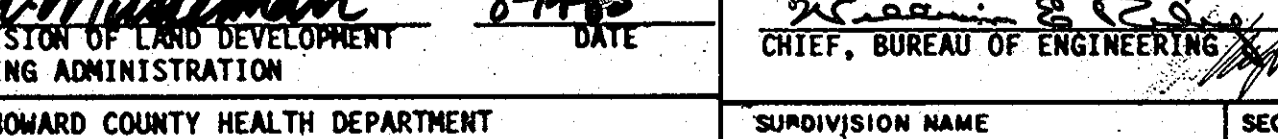
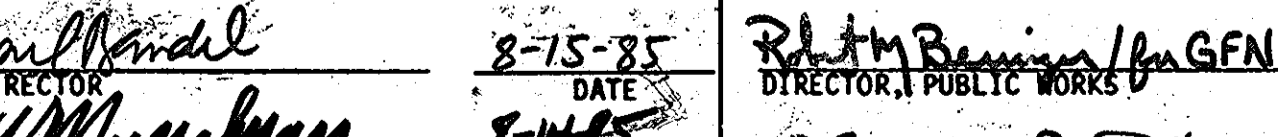
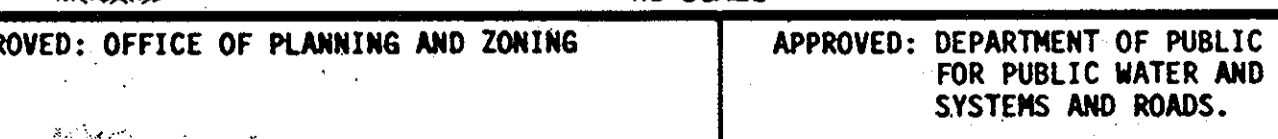
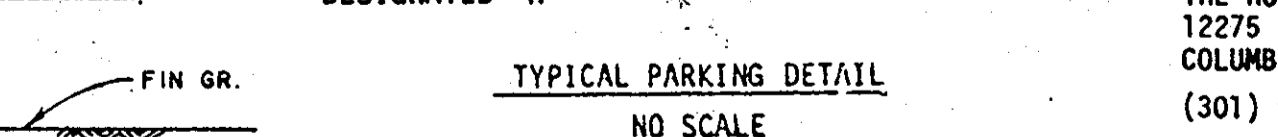
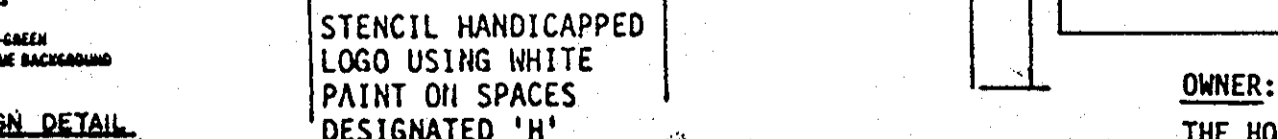
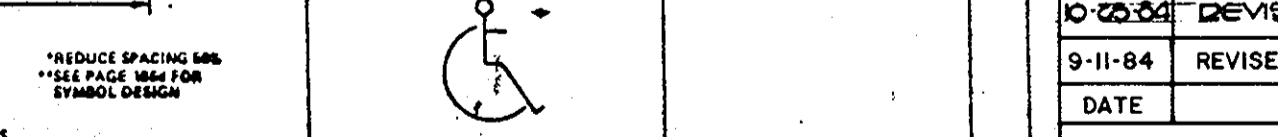
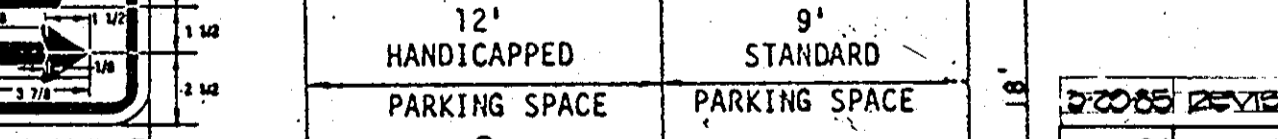
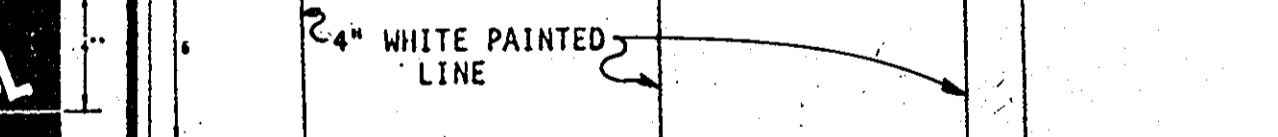
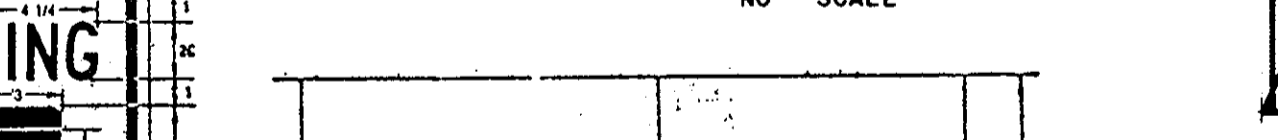
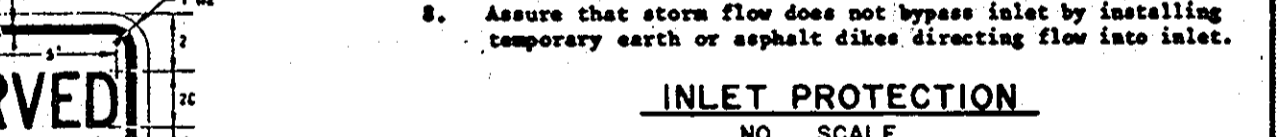
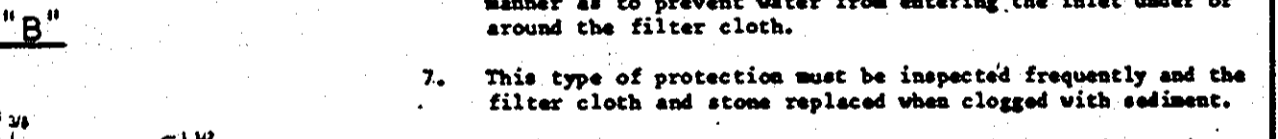
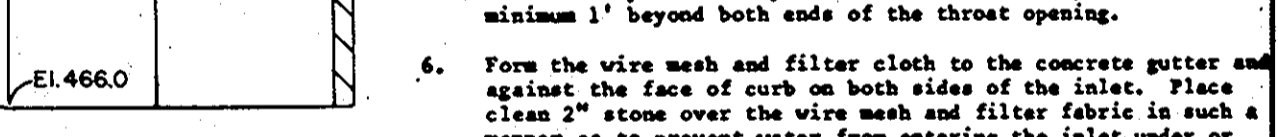
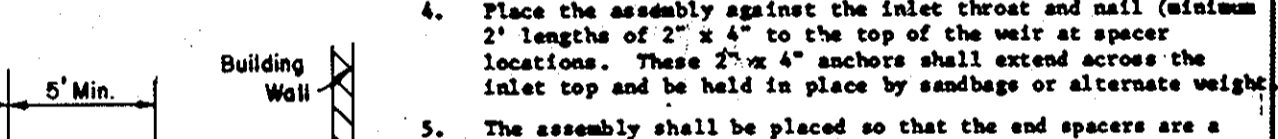
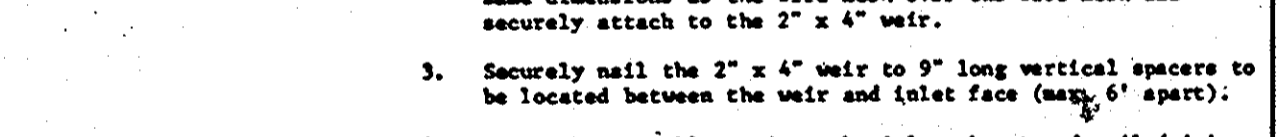
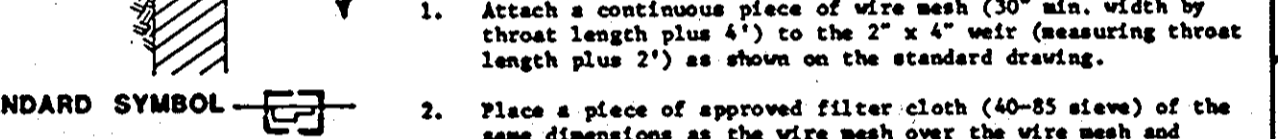
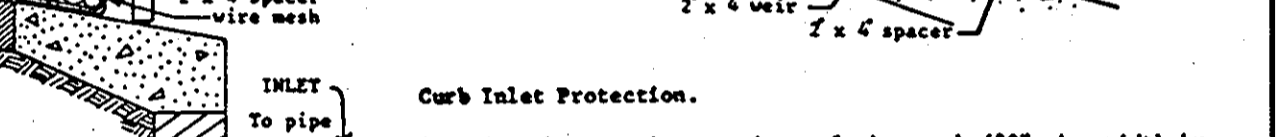
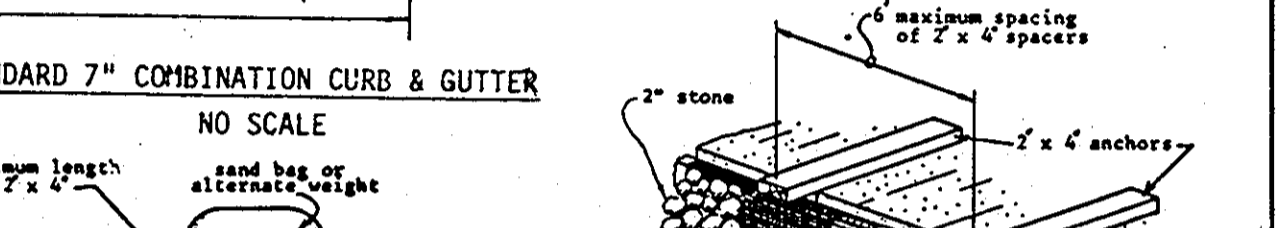
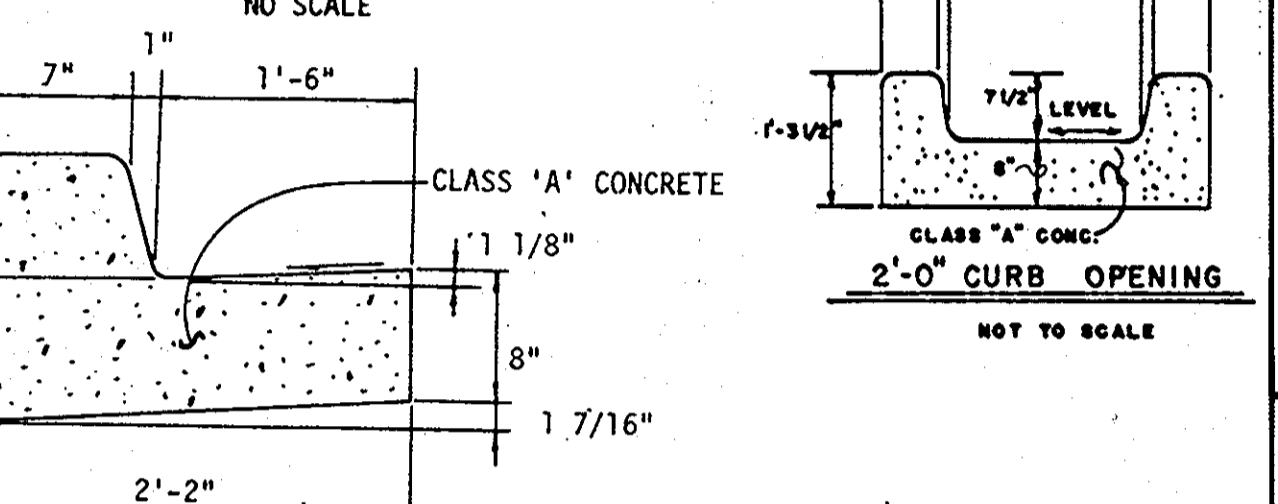
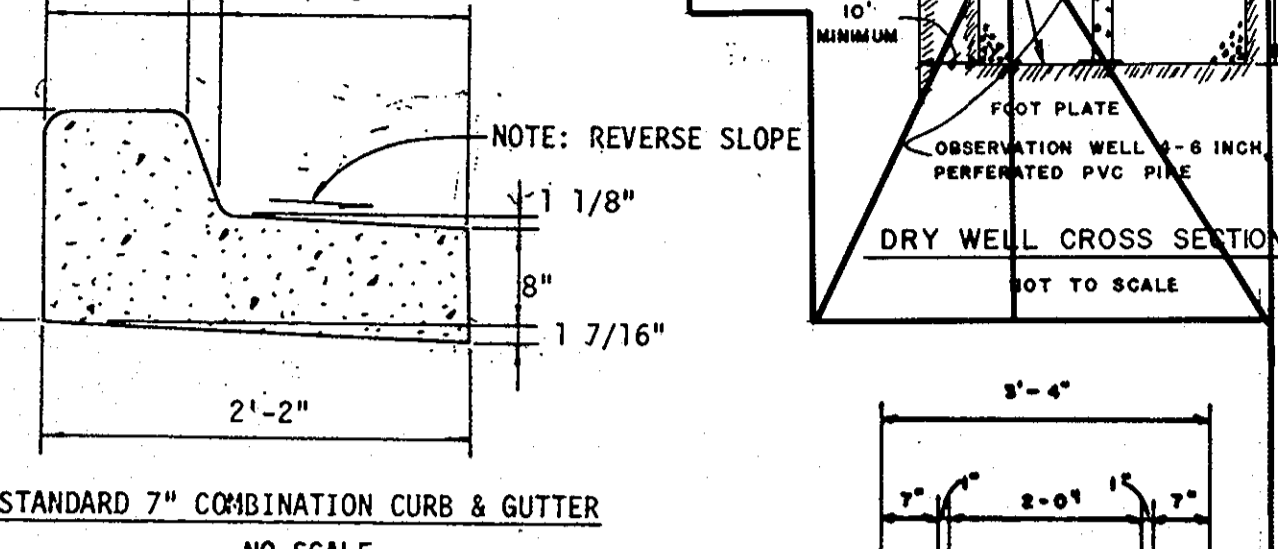
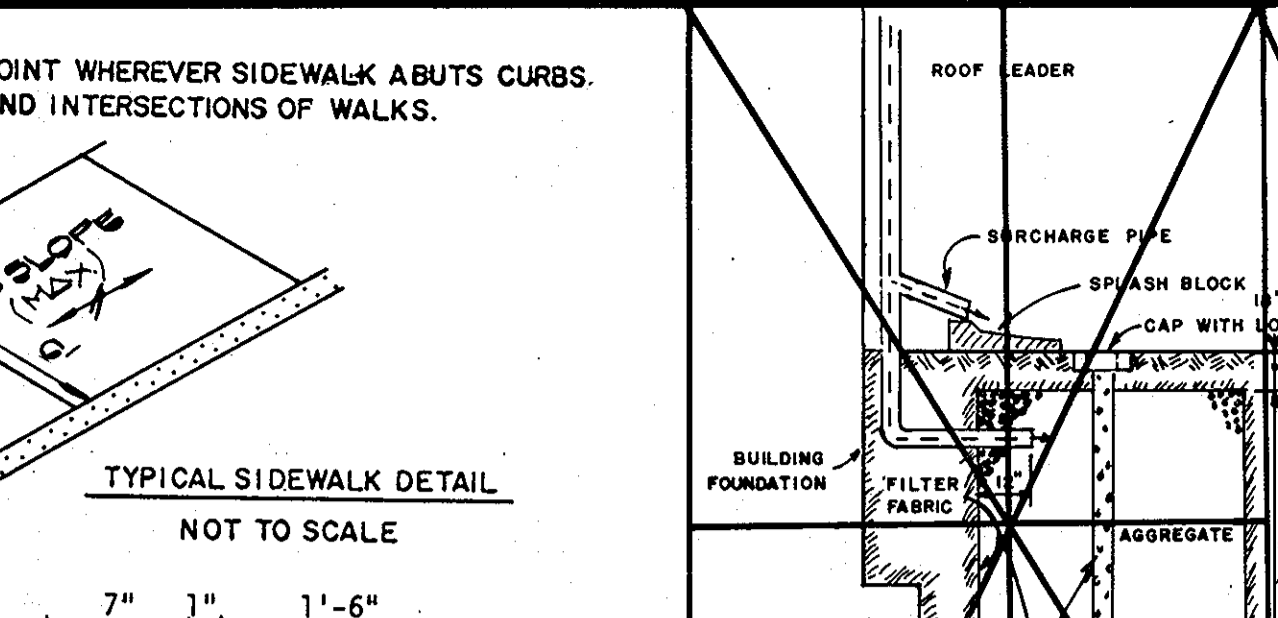
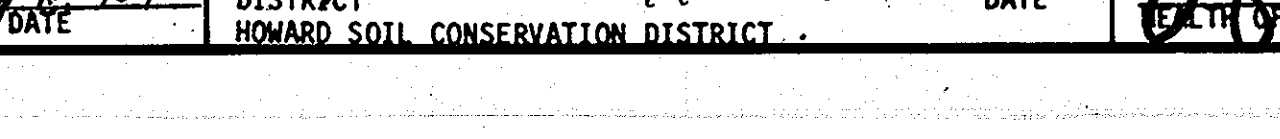
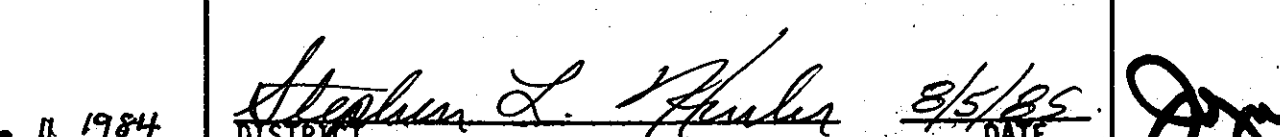
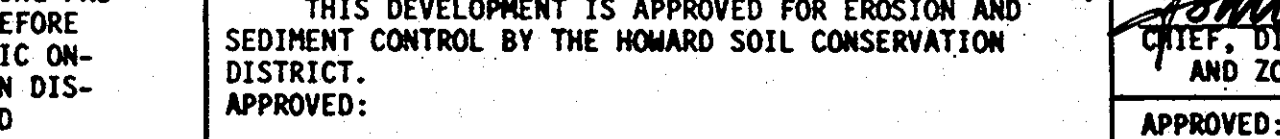
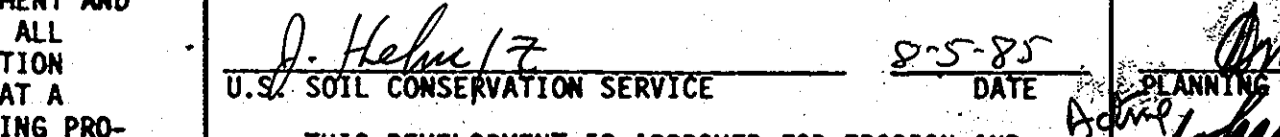
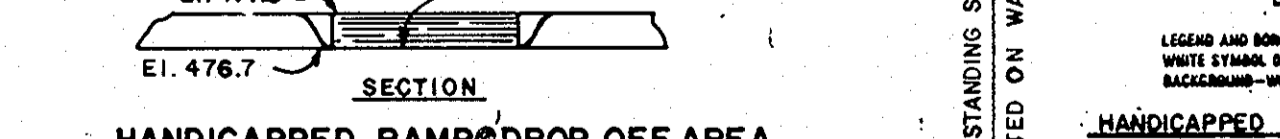
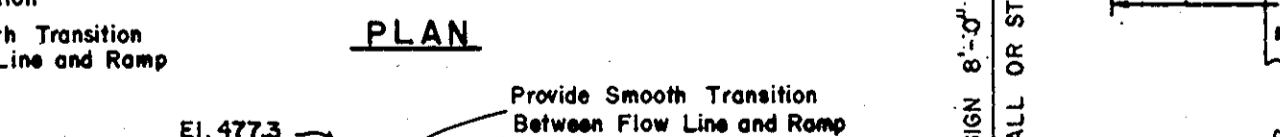
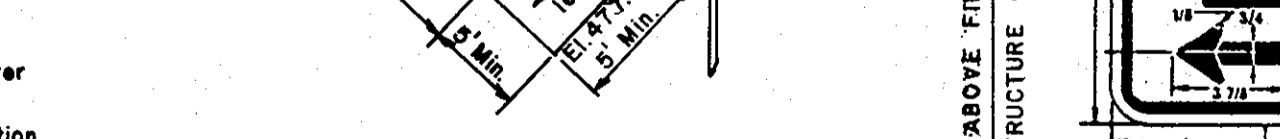
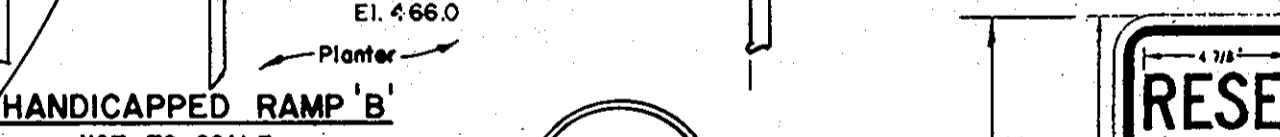
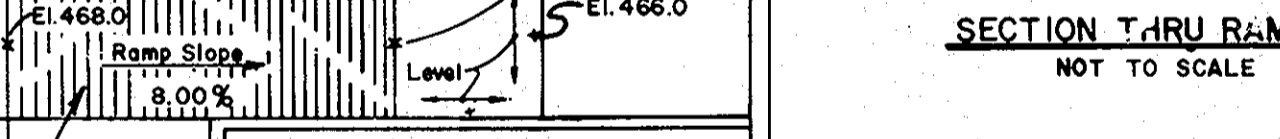
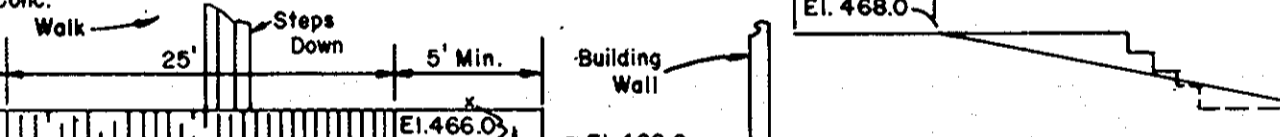
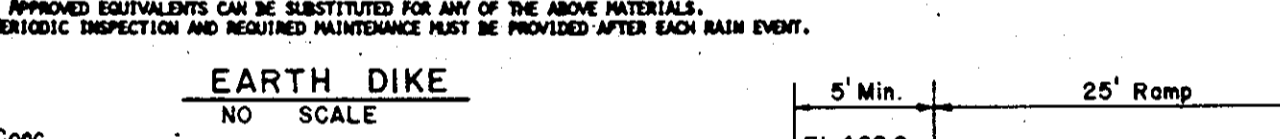
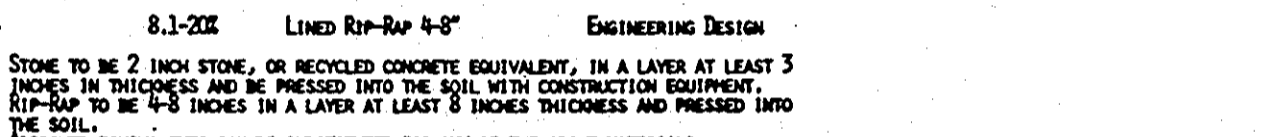
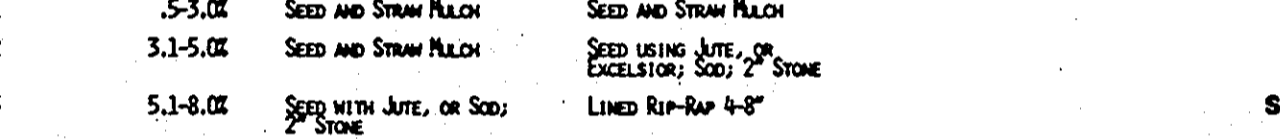
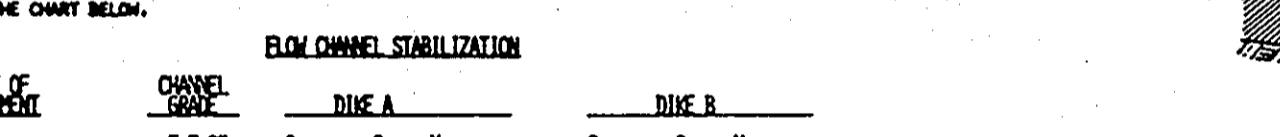
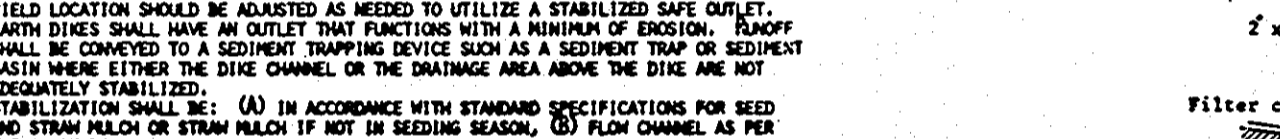
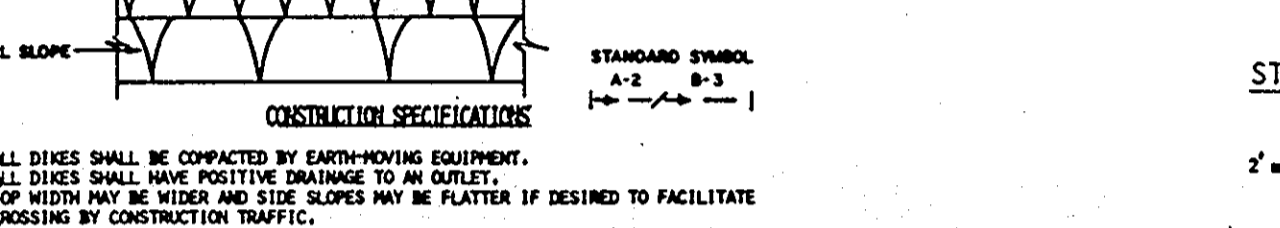
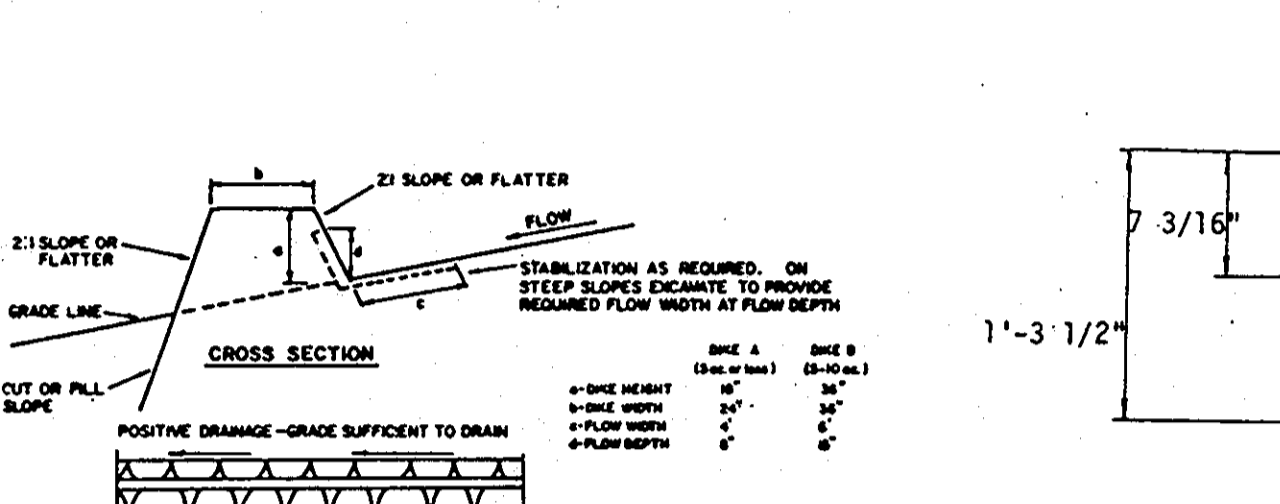
- All dikes shall be compacted by earthmoving equipment.
- Dikes shall have positive drainage to an outlet.
- Top width may be wider and side slopes may be flatter if desired to facilitate crossing by construction traffic.
- Field location should be adjusted as needed to utilize a stabilized safe outlet.
- Existing dikes shall have an outlet that functions with a minimum of erosion. Riprap shall be compacted to a sediment trapping device such as a sediment trap or sediment basin where it meets the dike channel, or the drainage area above the dike may not be stabilized.
- Stabilization shall be (a) in accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season, (b) flow channel as per the chart below.

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



CONSTRUCTION SPECIFICATIONS

- 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.
- Each bale shall be embedded in the soil a minimum of (4) inches, and placed so the binding are horizontal.
- 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.
- Inspection shall be frequent and repair replacement shall be made promptly as needed.
- Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.



Construction Specifications - DRY WELL

Timing

A dry well shall not be constructed or placed in service until all of the contributing drainage area has been stabilized and approved by the responsible inspector.

Dry Well Preparation

Excavate the dry well to the design dimensions. Excavated materials shall be placed away from the excavated sides to enhance wall stability. Large tree roots shall be trimmed flush with the sides in order to prevent fabric puncturing or tearing during subsequent installation procedures. The side walls of the dry well shall be roughened where sheared and sealed by heavy equipment.

Fabric Laydown

The filter fabric roll shall be cut to the proper width prior to installation. The cut width must include sufficient material to conform to well perimeter irregularities and for a 6-inch minimum top overlap. Place the fabric roll over the well and unroll a sufficient length to allow placement of the fabric down into the well. Stones or other anchoring objects should be placed on the fabric at the edge of the well to keep the lined well open during windy periods. When overlaps are required between rolls, the upstream roll shall lap a minimum of 2 feet over the downstream roll in order to provide a shingled effect. The overlap ensures fabric continuity for the fabric conforms to the excavation surface during aggregate placement and compaction.

Aggregate Placement and Compaction

Drainage aggregate shall be placed in lifts and compacted using plate compaction. As a rule of thumb, a maximum loose lift thickness of 22 inches is recommended. The compaction process ensures fabric conformity to the excavation sides, thereby reducing the potential for soil piping and fabric clogging.

Overlapping and Covering

Following aggregate placement, the fabric previously weighted by stones should be folded over the aggregate to form a 6" minimum longitudinal lap. The desired fill soil should be placed over the lap at sufficient intervals to maintain the lap during subsequent backfilling.

Contamination

Care shall be exercised to prevent natural or fill soils from intermixing with the drainage aggregate. All contaminated aggregate shall be removed and replaced with uncontaminated aggregate.

VOIDS BEHIND FABRIC

Voids can be created between the fabric and excavation sides and should be avoided. Removing boulders or other obstructions from the trench walls is one source of such voids. Natural soils should be placed in these voids at the most convenient time during construction to ensure fabric conformity to the excavation sides. Soil piping, fabric clogging, and possible surface subsidence will be avoided by this remedial process.

Unstable Excavation Sides

Vertically excavated trench walls may be difficult to maintain in areas where the soil moisture is high or where soft cohesive or cohesionless soils predominate. These conditions may require laying back of the side slopes to maintain stability; trapezoidal rather than rectangular cross sections may result.

Foundation Protection

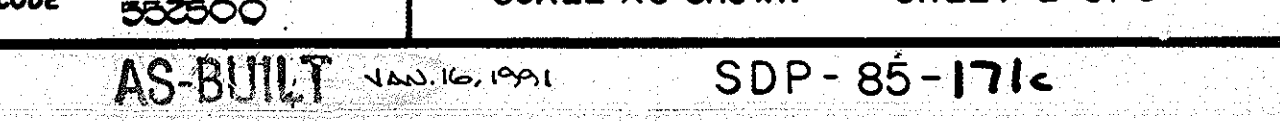
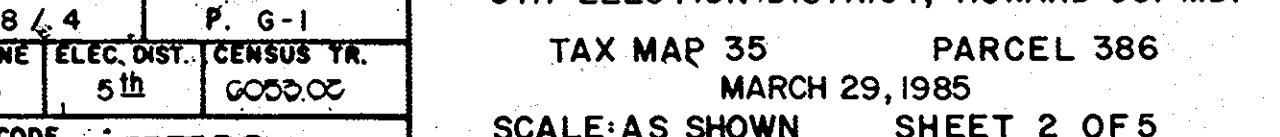
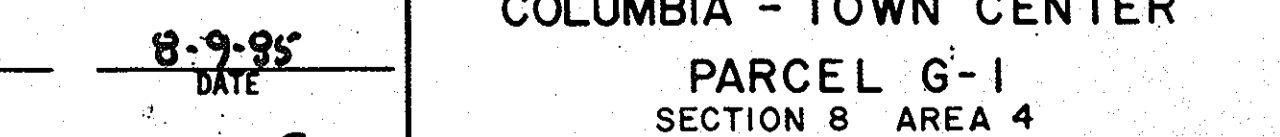
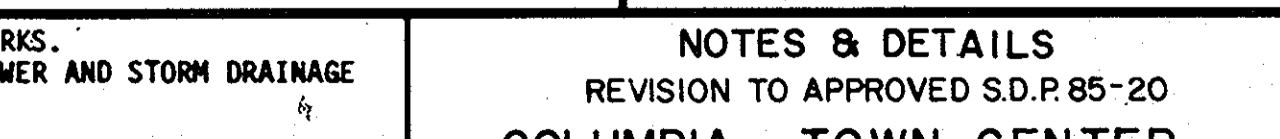
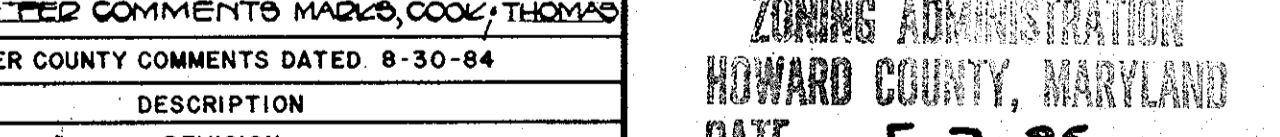
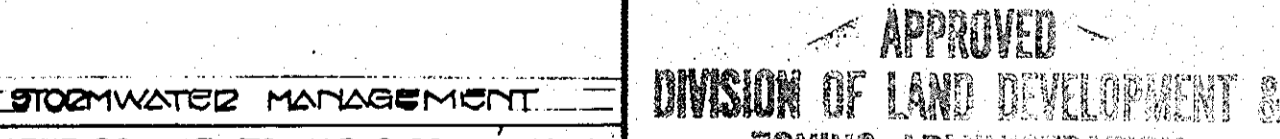
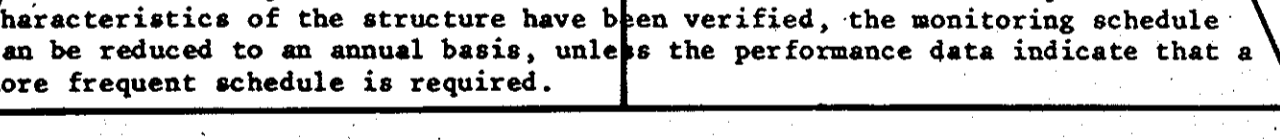
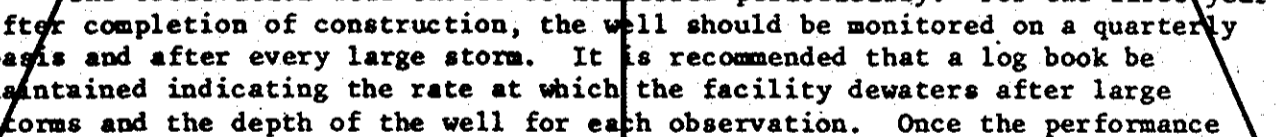
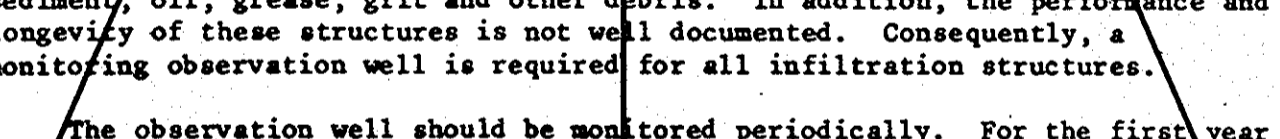
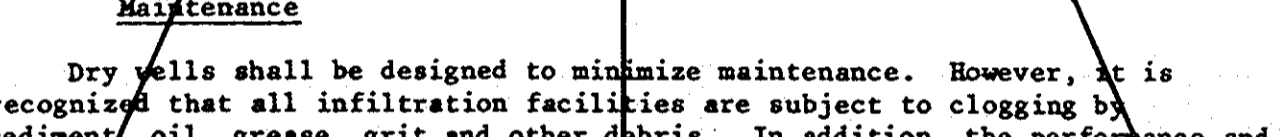
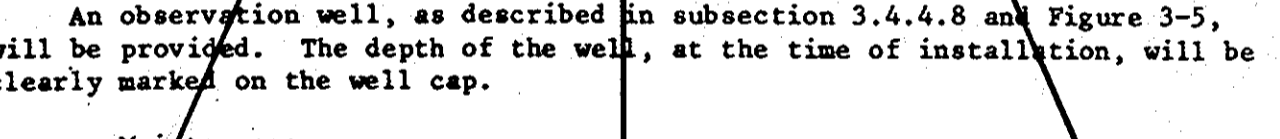
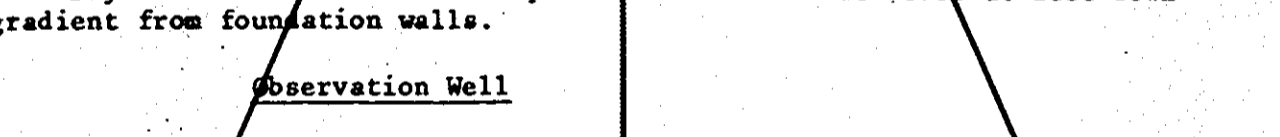
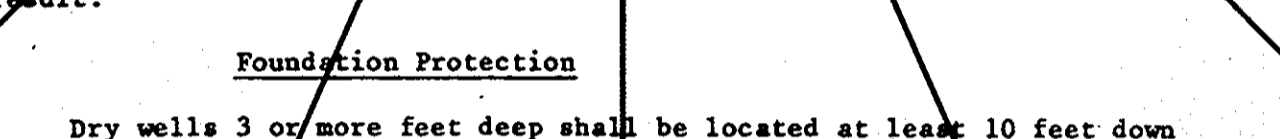
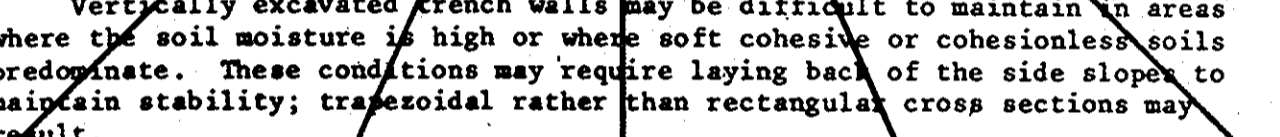
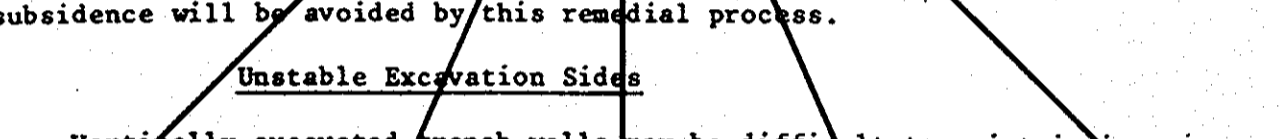
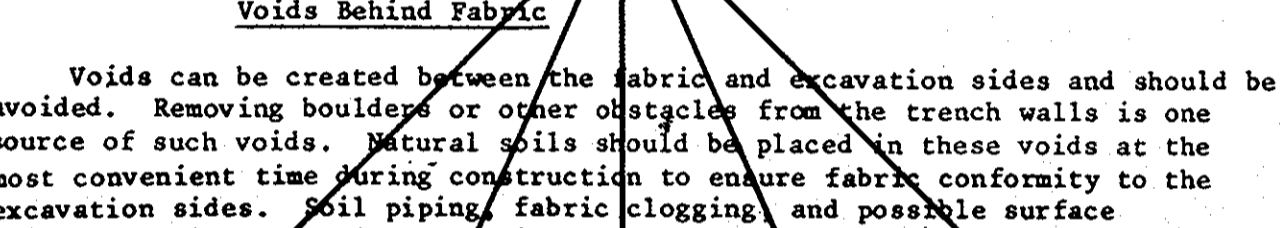
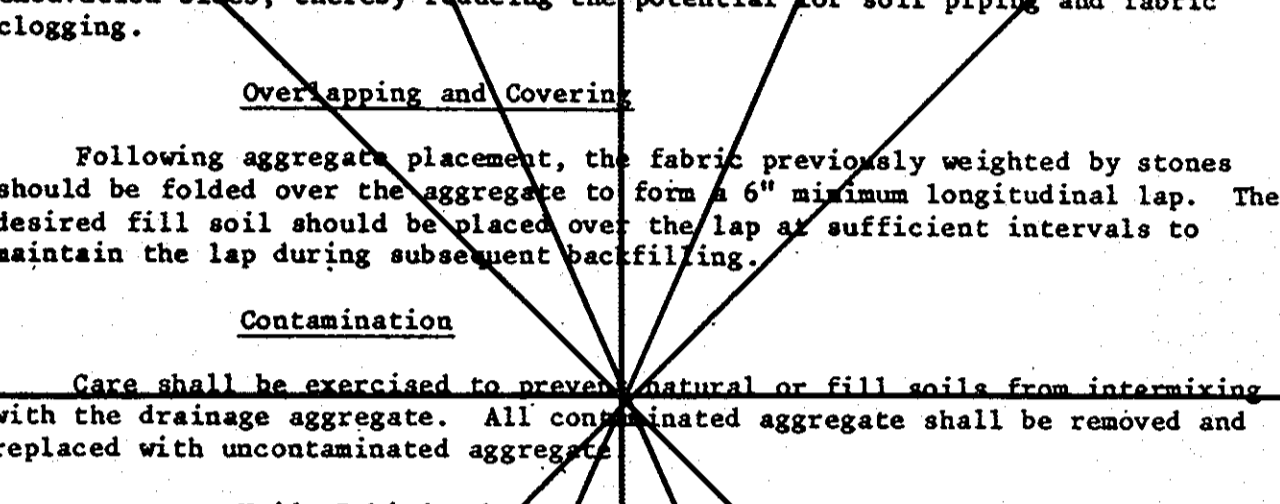
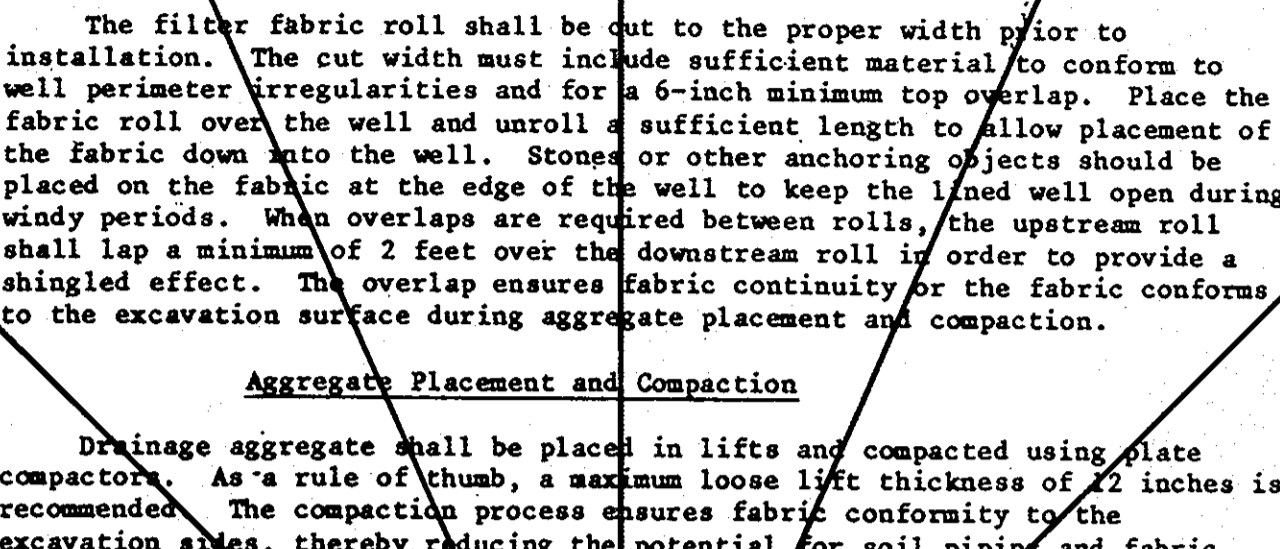
Dry wells 3 or more feet deep shall be located at least 10 feet down gradient from foundation walls.

Observation Well

An observation well, as described in subsection 3.4.4.8 and Figure 3-5, will be provided. The depth of the well, at the time of installation, will be clearly marked on the well cap.

Maintenance

Dry wells shall be designed to minimize maintenance. However, it is recognized that all infiltration facilities are subject to clogging by sediment, oil, grease, grit and other debris. In addition, the performance and longevity of these structures is not well documented. Consequently, a monitoring observation well is required for all infiltration structures. The observation well should be monitored periodically. For the first year after completion of construction, the well should be monitored on a quarterly basis and after every large storm. It is recommended that a log book be maintained indicating the rate at which the facility dewaters after large storms and the depth of the well for each observation. Once the performance characteristics of the structure have been verified, the monitoring schedule can be reduced to an annual basis, unless the performance data indicate that a more frequent schedule is required.



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.

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."

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

U.S. SOIL CONSERVATION SERVICE

DATE: 8-5-85

APPROVED: DEPARTMENT OF PLANNING AND ZONING

PLANNING DIRECTOR: [Signature]

DATE: 8-15-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

DATE: 8-14-85

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

HEALTH OFFICER: [Signature]

DATE: 8-13-85

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

DIRECTOR, PUBLIC WORKS: [Signature]

DATE: 8-9-85

CHIEF, BUREAU OF ENGINEERING: [Signature]

DATE: 8-14-85

OWNER:

THE HOWARD RESEARCH AND DEVELOPMENT CORP.

12275 LITTLE PATUXENT PARKWAY

COLUMBIA, MARYLAND 21044

(301) 992-6000

NOTES & DETAILS

REVISION TO APPROVED S.D.P. 85-20

COLUMBIA - TOWN CENTER

PARCEL G-1

SECTION 8 AREA 4

MEDICAL OFFICE BUILDING

5TH ELECTION DISTRICT, HOWARD CO. MD.

TAX MAP 35 PARCEL 386

MARCH 29, 1985

SCALE: AS SHOWN SHEET 2 OF 5

APPROVED

DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

HOWARD COUNTY, MARYLAND

DATE: 5-7-85

DATE: 9-11-84

REVISION

DATE: 8-30-84

DESCRIPTION

REVISION

OWNER:

THE HOWARD RESEARCH AND DEVELOPMENT CORP.

12275 LITTLE PATUXENT PARKWAY

COLUMBIA, MARYLAND 21044

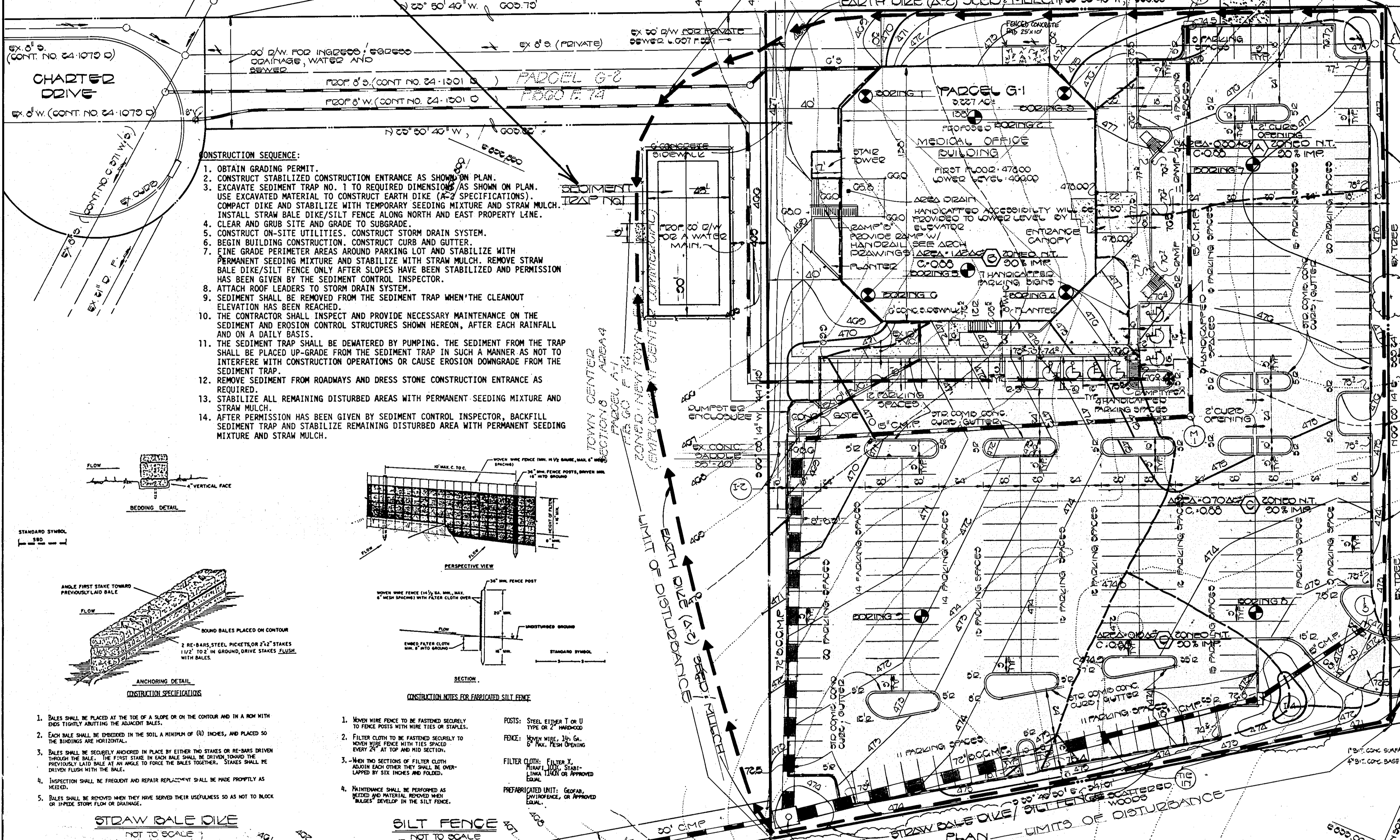
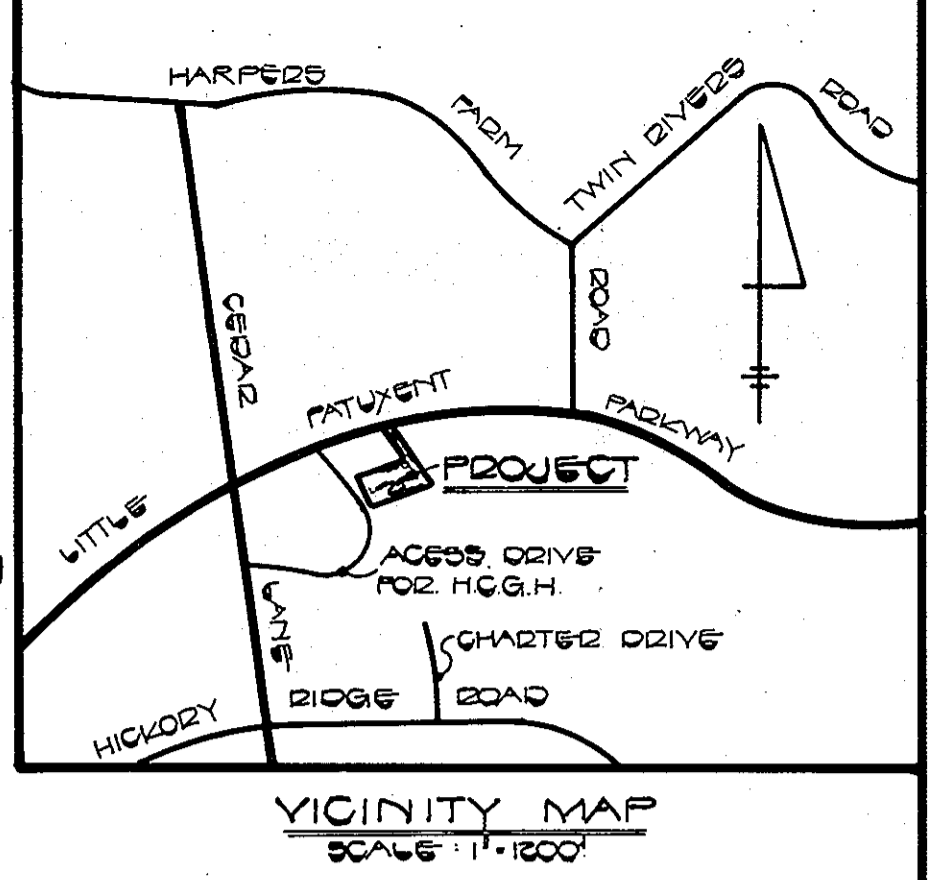
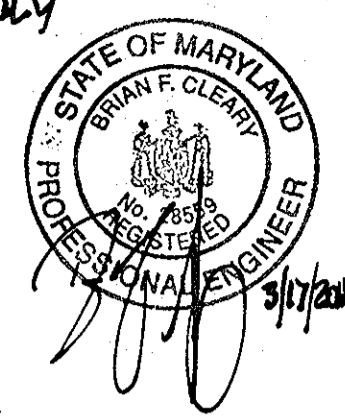
(301) 992-6000

THE HOWARD RESEARCH & DEVELOPMENT CORPORATION HAS GIVEN PERMISSION TO USE THIS AREA OF PARCEL A-1 FOR A TEMPORARY SEDIMENT TRAP. AFTER ALL AREAS DRAINING TO TRAP HAVE BEEN PROPERLY STABILIZED, THE TRAP SHALL BE BACKFILLED AND ALL DISTURBED AREAS WILL BE STABILIZED WITH PERMANENT SEEDING MIX AND STRAW MULCH.

SEDIMENT TRAP DESIGN DATA NO. 1

1. DRAINAGE AREA TO TRAP: 2.25 AC.±
2. TYPE OF TRAP: STONE OUTLET SEDIMENT TRAP
3. VOLUME REQUIRED: 365 C.F.
4. VOLUME PROVIDED: 368 C.F.
5. TRAP SIZE (TOP DIMENSIONS): 45' x 90'
6. TRAP DEPTH: 3'
7. CREST EL.: 465.00
8. BOTTOM EL.: 462.00
9. CLEANOUT EL.: 463.50
10. STONE OUTLET LENGTH: 9'

Professional Certification I hereby certify that these documents were prepared or supervised by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 28567 Expiration Date: 7-31-2011
 For Seal, BY SEAL ONLY
 410.465.605



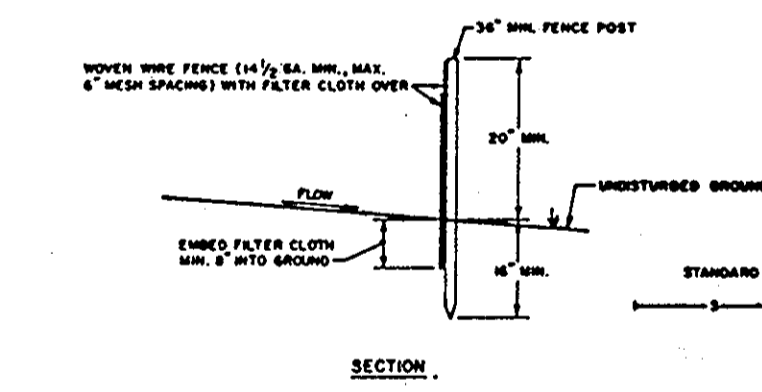
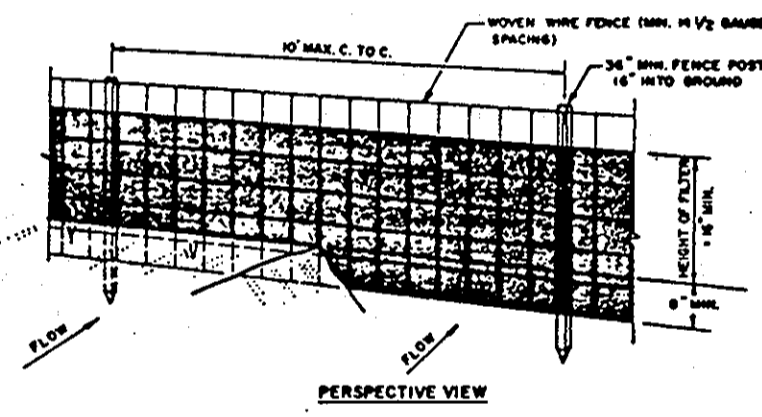
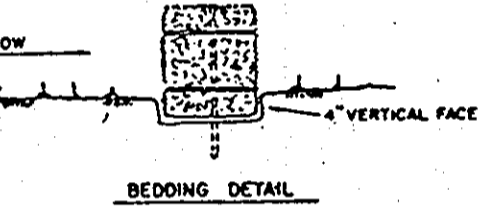
CONSTRUCTION SEQUENCE:

1. OBTAIN GRADING PERMIT.
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
3. EXCAVATE SEDIMENT TRAP NO. 1 TO REQUIRED DIMENSIONS AS SHOWN ON PLAN. USE EXCAVATED MATERIAL TO CONSTRUCT EARTH DIKE (A-2 SPECIFICATIONS). COMPACT DIKE AND STABILIZE WITH TEMPORARY SEEDING MIXTURE AND STRAW MULCH. INSTALL STRAW BALE DIKE/SILT FENCE ALONG NORTH AND EAST PROPERTY LINE.
4. CLEAR AND GRUB SITE AND GRADE TO SUBGRADE.
5. CONSTRUCT ON-SITE UTILITIES. CONSTRUCT STORM DRAIN SYSTEM.
6. BEGIN BUILDING CONSTRUCTION. CONSTRUCT CURB AND GUTTER.
7. FINE GRADE PERIMETER AREAS AROUND PARKING LOT AND STABILIZE WITH PERMANENT SEEDING MIXTURE AND STABILIZE WITH STRAW MULCH. REMOVE STRAW BALE DIKE/SILT FENCE ONLY AFTER SLOPES HAVE BEEN STABILIZED AND PERMISSION HAS BEEN GIVEN BY THE SEDIMENT CONTROL INSPECTOR.
8. ATTACH ROOF LEADERS TO STORM DRAIN SYSTEM.
9. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
10. 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.
11. THE SEDIMENT TRAP SHALL BE DEMATERED BY PUMPING. THE SEDIMENT FROM THE TRAP SHALL BE PLACED UP-GRADE FROM THE SEDIMENT TRAP IN SUCH A MANNER AS NOT TO INTERFERE WITH CONSTRUCTION OPERATIONS OR CAUSE EROSION DOWNGRADE FROM THE SEDIMENT TRAP.
12. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
13. STABILIZE ALL REMAINING DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.
14. AFTER PERMISSION HAS BEEN GIVEN BY SEDIMENT CONTROL INSPECTOR, BACKFILL SEDIMENT TRAP AND STABILIZE REMAINING DISTURBED AREA WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.

GENERAL NOTES:

1. TOTAL AREA OF PARCEL: 3.23 AC.±
2. PRESENT ZONING: NEW TOWN (N.T. - EMPLOYMENT CENTER COMMERCIAL)
3. PROPERTY IS RECORDED AS PLAT NO. 0074
4. FINAL DEVELOPMENT PLAN PHASE 177-A AND RECORDED IN PLAT BOOK C.M.P. NO. 3054
5. PROPERTY IS SHOWN ON TAX MAP 35, PART OF PARCEL 386
6. PARKING DATA:
 - A. INTENDED USE OF STRUCTURE: MEDICAL OFFICE BUILDING
 - B. TOTAL AREA OF BUILDING: 18,800 S.F. OR 0.43 AC.± (13% COVERAGE)
 - 1.) LOWER LEVEL: 18,800 S.F.
 - 2.) FIRST FLOOR: 18,800 S.F.
 - 3.) SECOND FLOOR: 18,800 S.F.
 - C. TOTAL NUMBER OF SPACES REQUIRED: 113 SPACES
 - 1.) 2 SPACES/1000 S.F. NET LEASABLE AREA DEVOTED TO OFFICE USE: 56,400 S.F. ÷ 1000 S.F. x 2 = 113 SPACES
 - D. TOTAL NUMBER OF SPACES PROVIDED: 207
 - 1.) REGULAR SPACES (9' x 18' or 20' x 20') : 200
 - 2.) HANDICAPPED SPACES (12' x 18') : 7
 - E. OPEN SPACE (GREEN AREA): 0.73 AC.± (22%)
7. THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 500-2407
8. HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER FREE FACILITIES" AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED"
9. ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS. 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.
11. THE CONTRACTOR SHALL NOTIFY MISS UTILITY 559-0100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
12. SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.

REVISIONS	
DATE	DESCRIPTION
8/7/85	ADDED 10' P.V.C. ROOF DRAIN



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH EACH BAILE ADJUTING THE ADJACENT BAILES.
2. EACH BAILE SHALL BE SPICED 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 BAILE. THE FIRST STAKE PREVIOUSLY LAID BAILE AT AN ANGLE TO FORCE THE BAILES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BAILE.
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.

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 EQUAL.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BAILES DEVELOP IN THE SILT FENCE.

STRAW BALE DIKE NOT TO SCALE

SILT FENCE NOT TO SCALE

DATE	DESCRIPTION	DATE	DESCRIPTION
10-25-04	REVISE PER COMMENTS MARKED COOL/THOMAS	3-14-11	ADD 25'x10' CONCRETE PAD ON WEST SIDE OFFICE
10-0-04	REVISE GRADING, ADD WATER AND SEWER	4-1-85	REVISE STORMWATER MANAGEMENT
9-11-04	REVISE PER COUNTY COMMENTS DATED 8-30-04	11-14-04	REVISE PER H2O ARCH. COMMENTS DATED 11-08-04

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 SURVEY OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY ZONING DISTRICT.

Signature: *William H. ...*
 Date: 7/11/85

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."

Signature: *William H. ...*
 Date: July 11, 1984

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

Signature: *J. Helm*
 Date: 8-5-85

Signature: *Stephen L. Habes*
 Date: 8/5/85

APPROVED: OFFICE OF PLANNING AND ZONING

Signature: *Robert ...*
 Date: 8-15-85

Signature: *John ...*
 Date: 8-13-85

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

Signature: *Richard B. Talkin*
 Date: 8-9-85

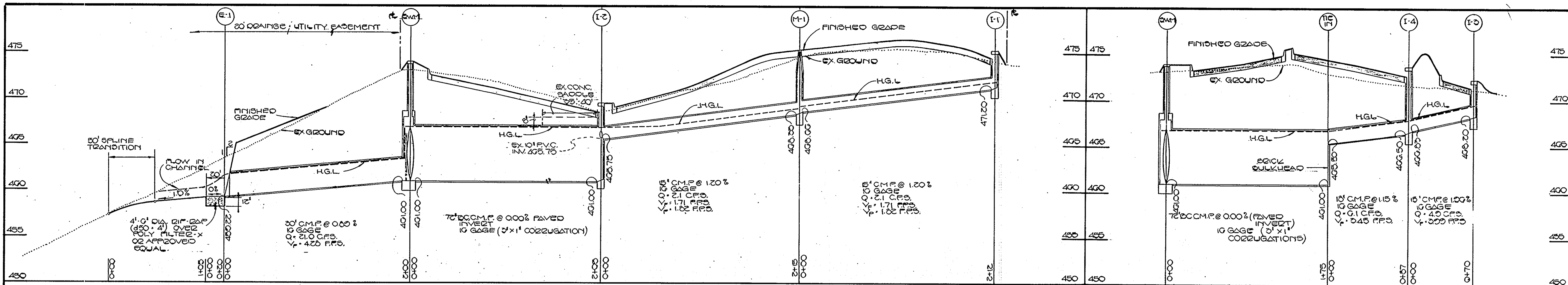
Signature: *Richard B. Talkin*
 Date: 8-8-85

APPROVED: DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 5-7-85

Signature: *...*

PARCEL NO.	ADDRESS
G-1	11000 LITTLE PATUXENT PARKWAY

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 5-7-85



STORM DRAIN PROFILES

SCALE: HORIZ. 1"=50' VERT. 1"=5'

PERMANENT SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
 SEEDBED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
 SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULE.

- 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.).
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.)

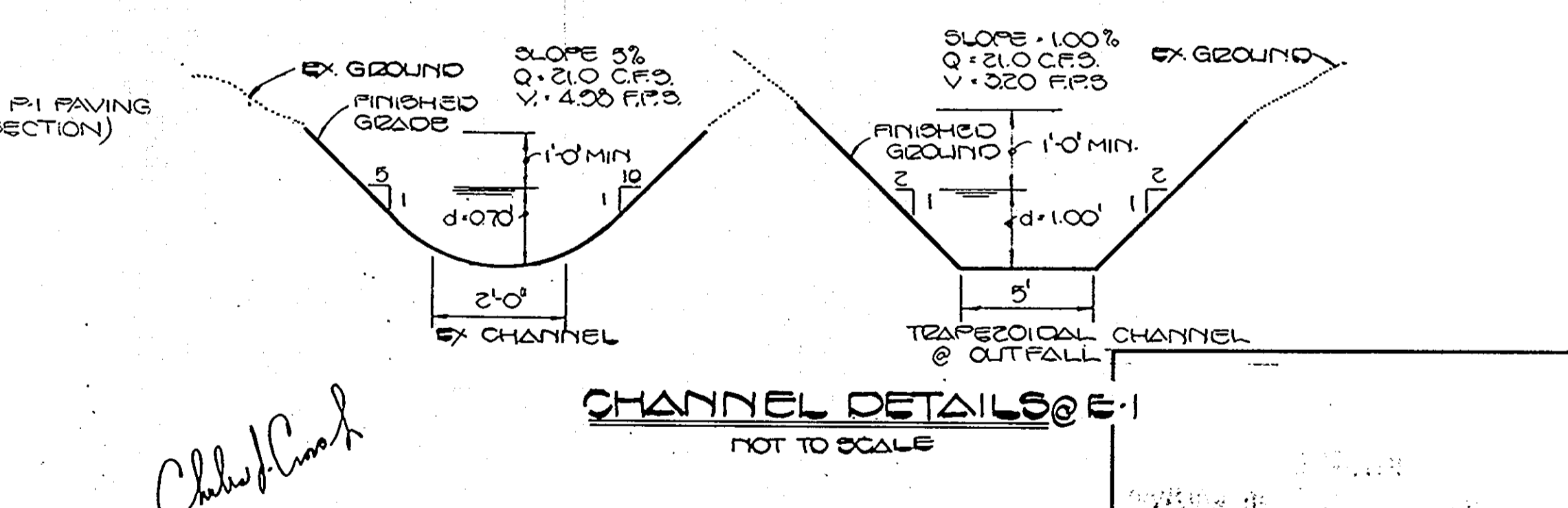
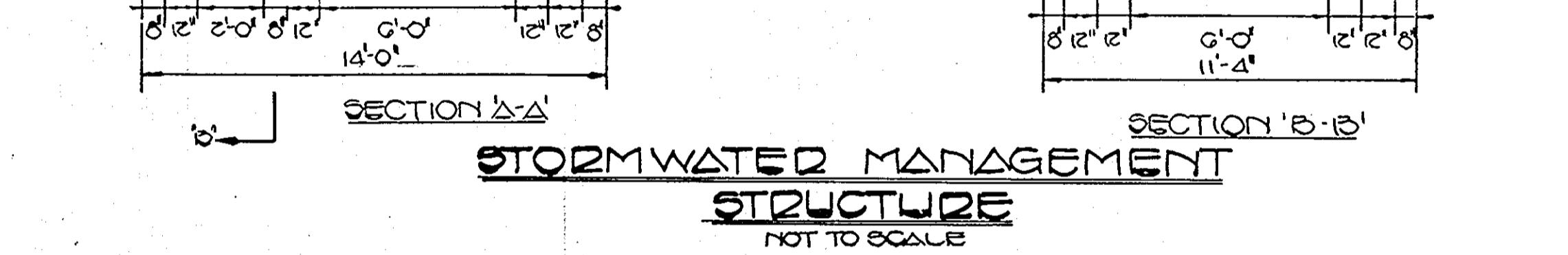
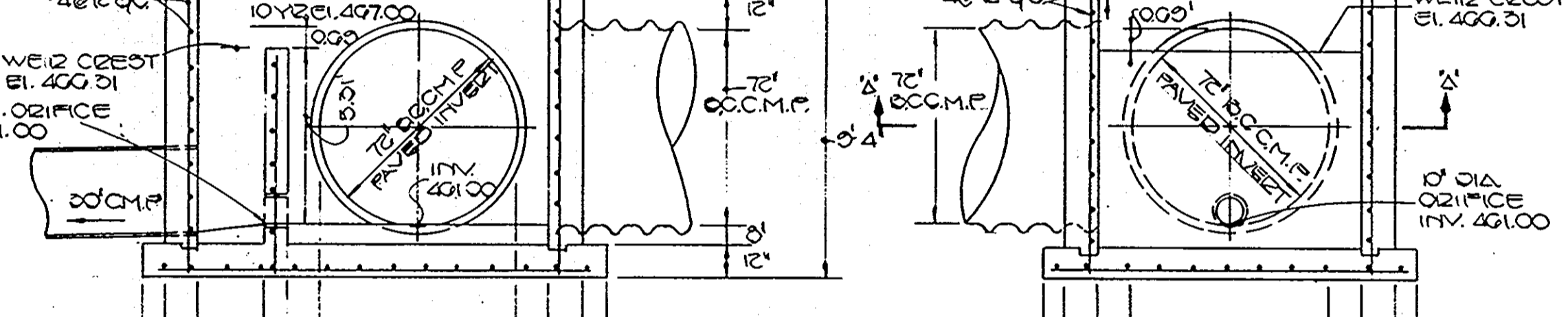
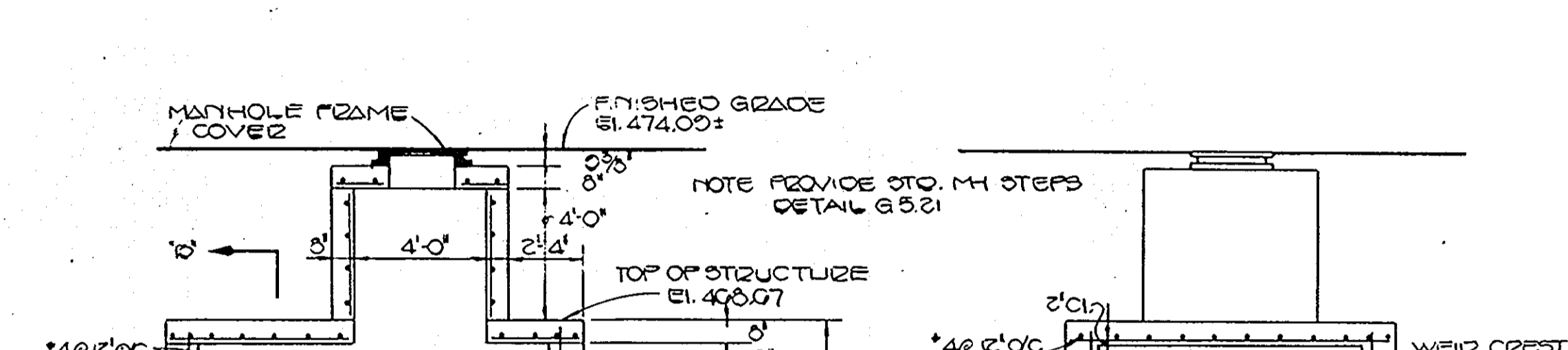
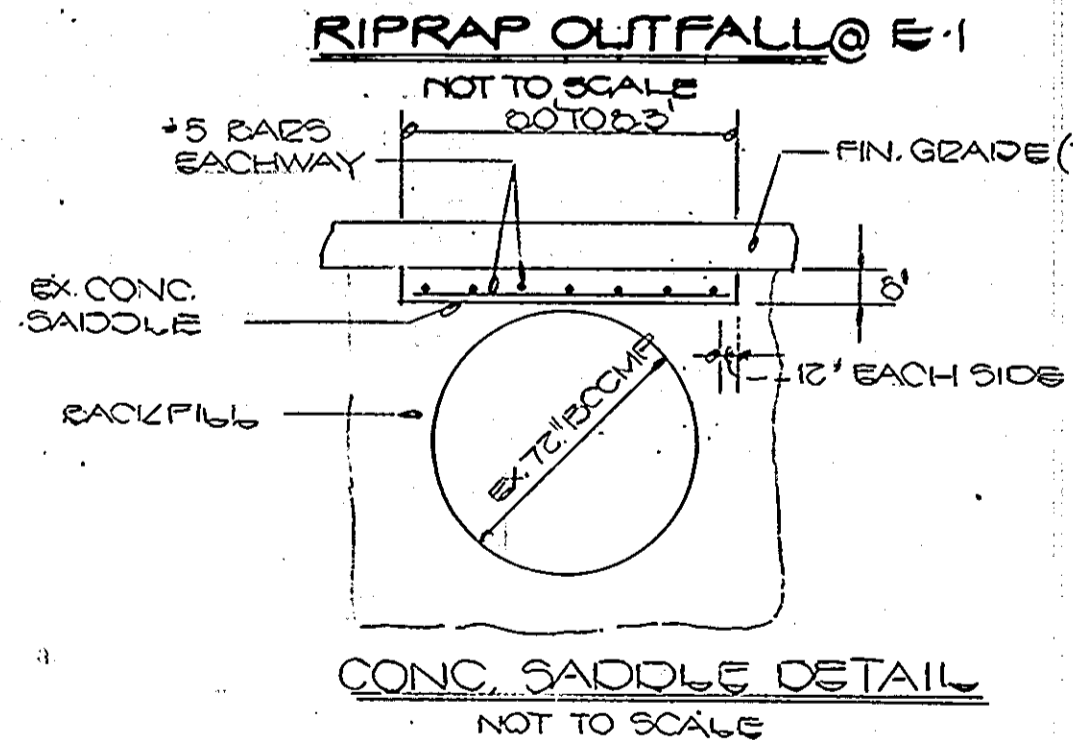
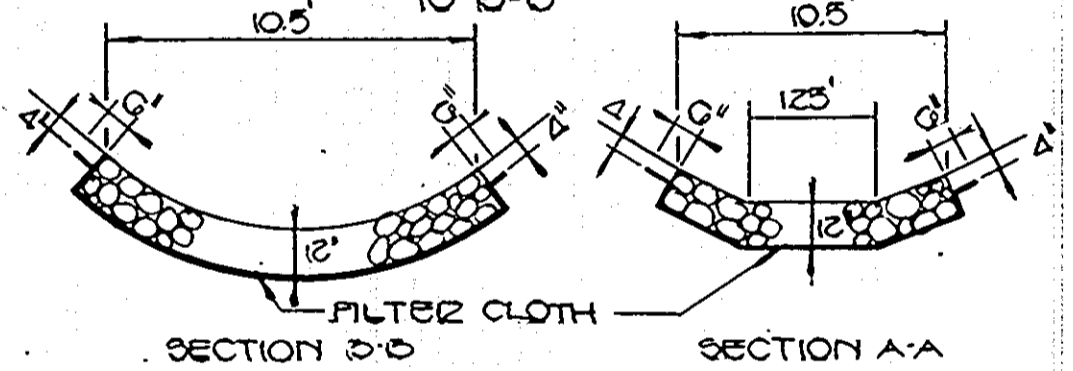
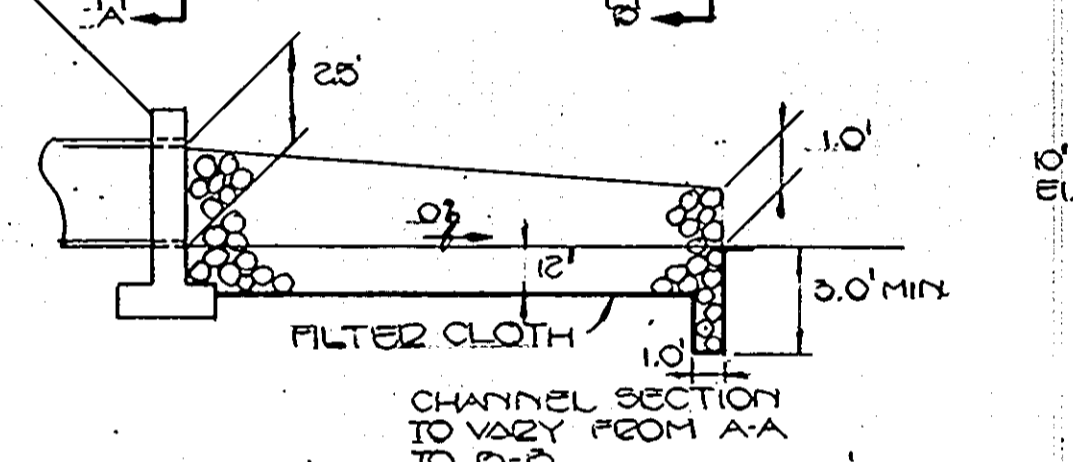
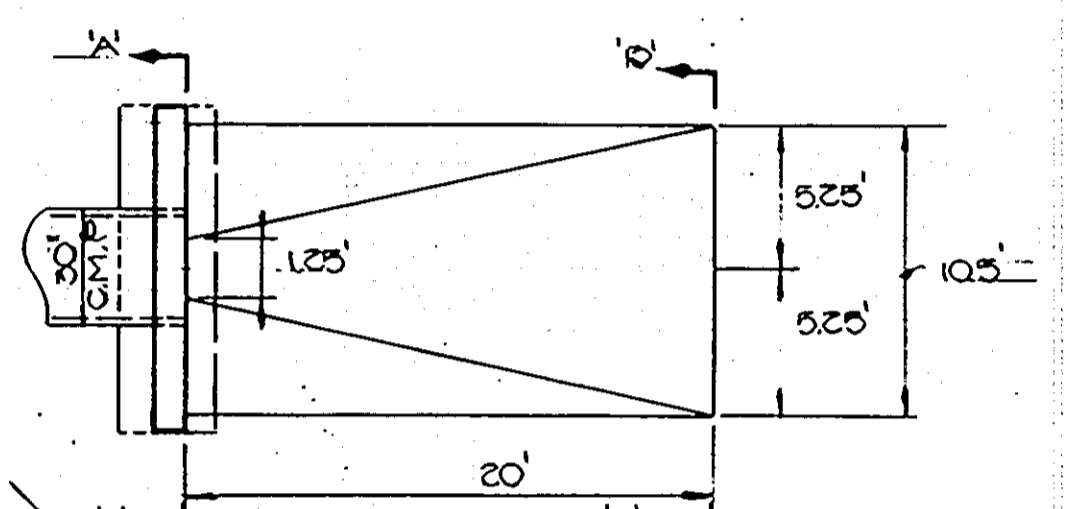
SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 25 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SEDIMENT CONTROL NOTES:

- 1) A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).
- 2) ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 4) ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- 5) ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC.51) SOD (SEC.54), TEMPORARY SEEDING (SEC.50) AND MULCHING (SEC.52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 6) ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 7) SITE ANALYSIS:
 TOTAL AREA OF SITE: 220 ACRES
 AREA DISTURBED: 220 ACRES
 AREA TO BE ROOFED OR PAVED: 0 ACRES
 AREA TO BE VEGETATIVELY STABILIZED: 0 ACRES
 TOTAL CUT: 6000 CU. YDS.
 TOTAL FILL: 6000 CU. YDS.
 BALANCED
 OFFSITE WASTE/BORROW AREA LOCATION: [REDACTED]
 ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.



STRUCTURE SCHEDULE:					
NO.	TYPE	TOP ELEV.	INV. IN	INV. OUT	REMARKS
I-1	A-5	475.33	--	471.20	SD 4.01
I-2	A-10	469.33	465.75	461.00	SD 4.02
I-3	A-5	472.33	--	468.20	SD 4.01
I-4	A-5	473.63	466.83	466.50	SD 4.01
M-1	Std. Manhole	475.50	468.66	468.33	G 5.11
E-1	Metal End Section	461.72	--	459.22	SD 5.01
S.W.M.	Special	474.09	461.00	461.00	See Detail Sheet 4 of 5

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

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

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."

Wileen N. Wintalao
 SIGNATURE OF DEVELOPER
 DATE: 7/11/84

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

U.S. SOIL CONSERVATION SERVICE
 DATE: 8-2-84

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

APPROVED:
 DATE: 8-2-84

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

APPROVED:
 DATE: 8-2-84

APPROVED: OFFICE OF PLANNING AND ZONING

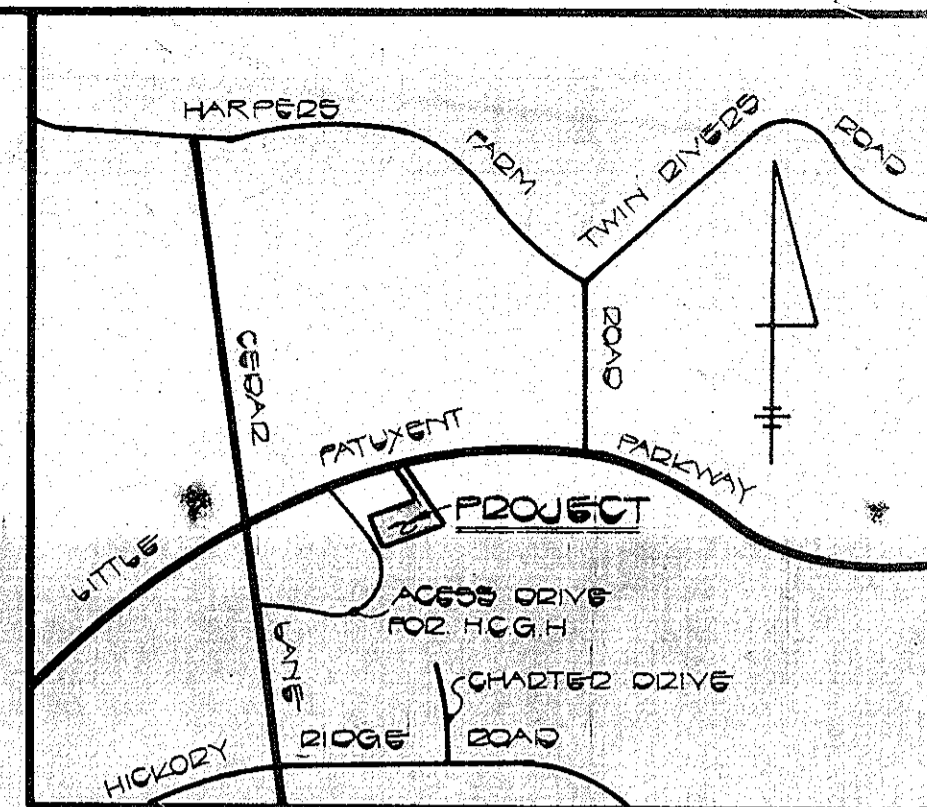
PLANNING DIRECTOR
 DATE: 8-2-84

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

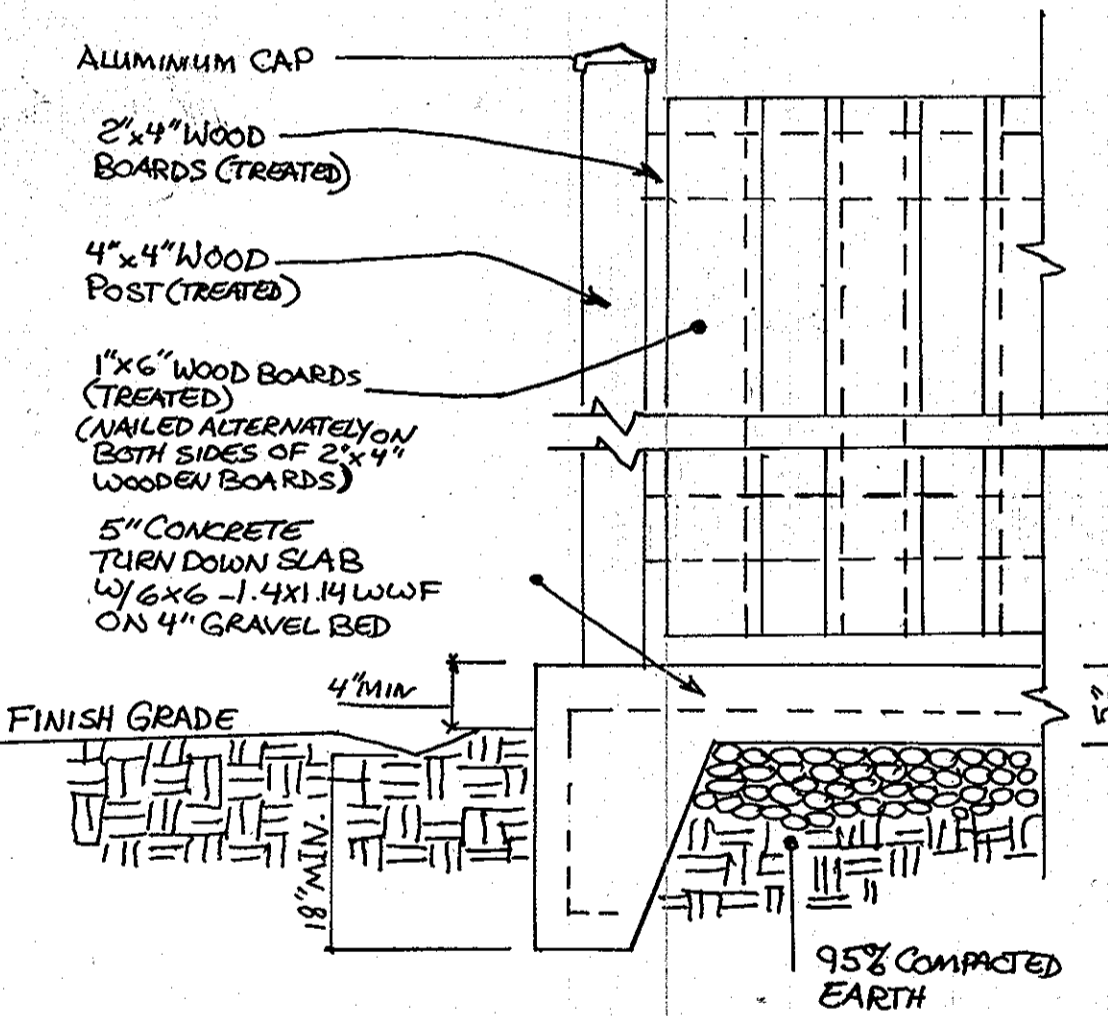
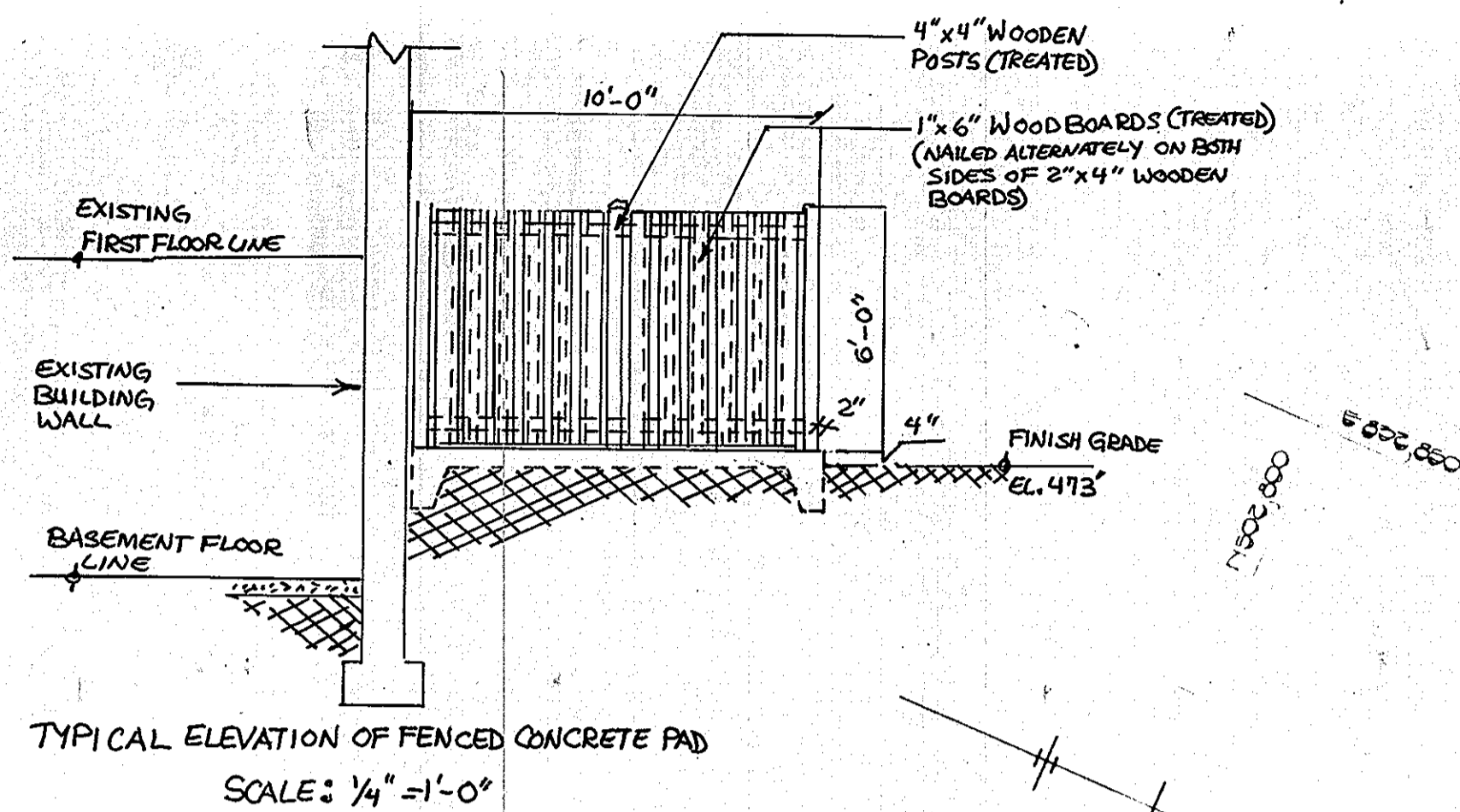
OWNER:	
THE HOWARD RESEARCH AND DEVELOPMENT CORP. 12275 LITTLE PATUXENT PARKWAY COLUMBIA, MARYLAND 21044 (301) 992-6000	

NOTES & DETAILS
 REVISION TO APPROVED S.D.P. 85-20
COLUMBIA - TOWN CENTER
 PARCEL G-1
 SECTION 8 AREA 4
MEDICAL OFFICE BUILDING
 5TH ELECTION DISTRICT, HOWARD CO. MD.
 TAX MAP 35 PARCEL 386
 MARCH 29, 1985
 SCALE: AS SHOWN SHEET 4 OF 5

HOWARD COUNTY GENERAL HOSPITAL
TOWN CENTER
SECTION 8 AREA 4
P.D. 24 F. 145
CONDO NEW TOWN

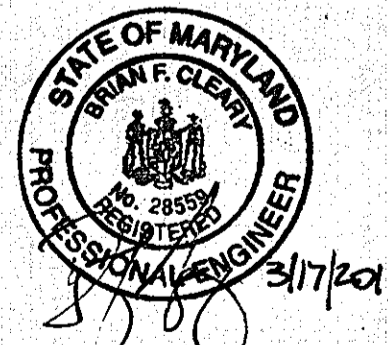


VICINITY MAP
SCALE 1"=1200'



TYPICAL SECTION AT WOOD POST
NTS

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 28559 Expiration Date: 7/22/2021
FOR REV BY BEI ONLY
410-465-6105



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.
DATE: 7/11/84

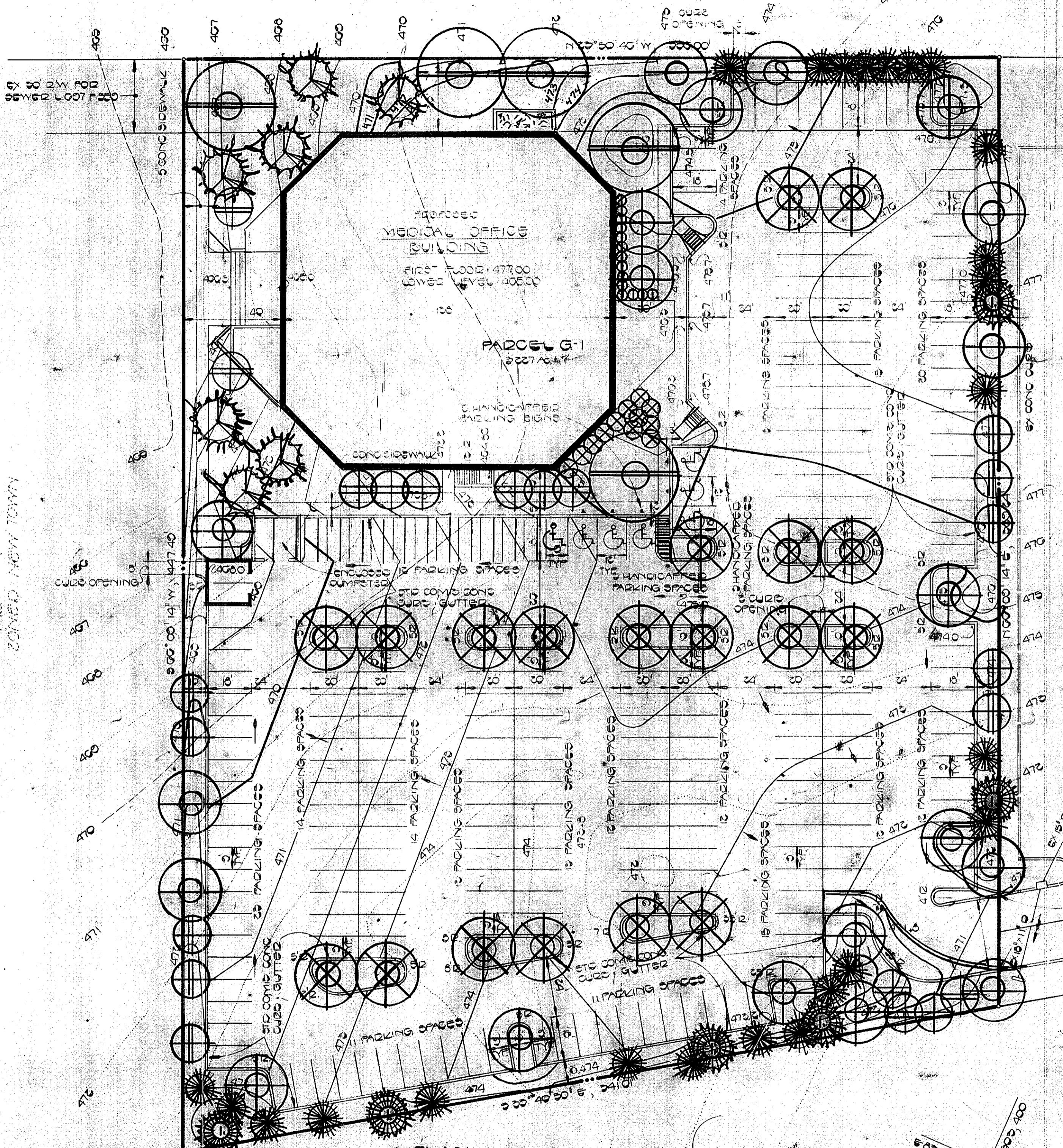
DEVELOPER'S CERTIFICATE
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL 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."
DATE: 8/4/85

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
J. Haberz
U.S. SOIL CONSERVATION SERVICE
DATE: 8-5-85
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED:
Stephen L. Haberz
DISTRICT COORDINATOR
HOWARD SOIL CONSERVATION DISTRICT
DATE: 8/5/85

APPROVED: OFFICE OF PLANNING AND ZONING
DATE: 8-15-85
APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DATE: 8-14-85
APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
DATE: 8-13-85

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
DATE: 8-9-85
DATE: 8-8-85
DATE: 8-8-85
DEVELOPER: THE COLUMBIA DOCTORS BUILDING JOINT VENTURE
OWNER: THE HOWARD RESEARCH AND DEVELOPMENT CORP.
DATE: 5-7-85

PLANTING PLAN
REVISION TO APPROVED S.D.P. 65-20
COLUMBIA TOWN CENTER
PARCEL G-1
SECTION 8 AREA 4
MEDICAL OFFICE BUILDING
3TH ELECTION DISTRICT HOWARD CO MARYLAND
TAX MAP 28
SCALE AS SHOWN
MARCH 20, 1985
SHEET 5 OF 5
NEU VALLEY-HCA 7.7.84



PLANT LIST

11	RED MAPLE	2 1/2-3" CAL. FULL HEADS		
9	HONEY LOCUST			
9	PIN OAK			
5	PIN OAK	3 1/2-4" CAL. HEAVY HEADS		
10	WASH. HANTHORN	8-10' HT. FULL HEADS		
12	KWANZAN CHERRY			
7	BLUE SPRUCE	6-8' HT. HEAVY HEADS		
6	WHITE PINE	6-8' HT. HEAVY HEADS		
4	WHITE PINE	5-6' HT. FULL HEADS		
11	JAPANESE YEW	15-18" SPRED.		
12	DOUBLEFILE VIBURNUM	2-2 1/2 HT.		

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 5-7-85



DEVELOPER
THE COLUMBIA DOCTORS BUILDING
JOINT VENTURE
C/O RICHARD B. TALKIN
ATTORNEYS AT LAW
SUITE 105
5500 STERRETT PLACE
COLUMBIA, MARYLAND 21044

REVISION TO 6-84/SITE PLAN CHANGES 9, 11, 24