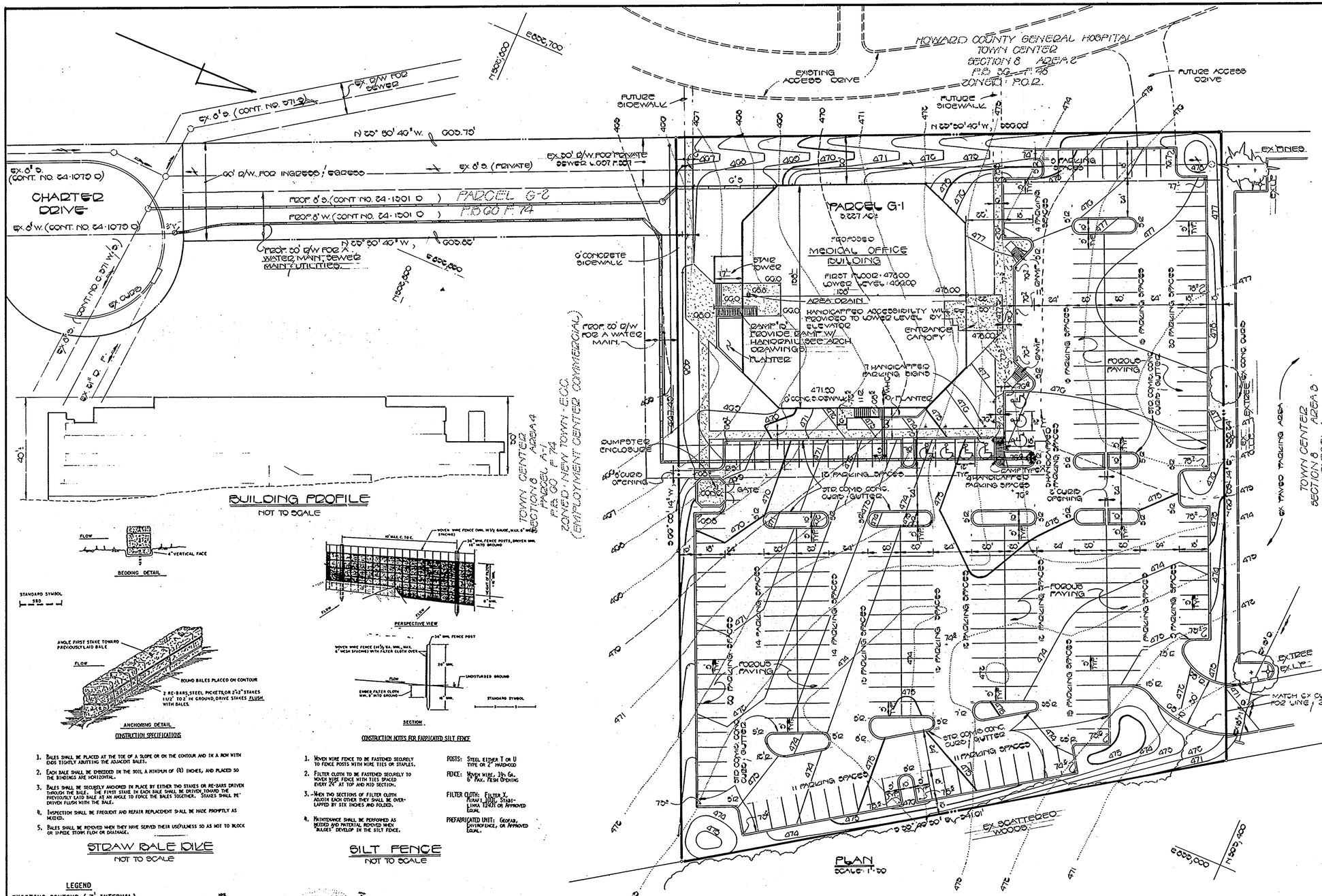
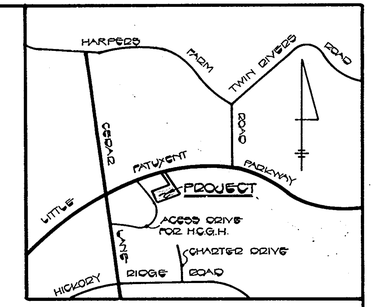




VICINITY MAP
SCALE: 1" = 1000'

BUILDING PROFILE
NOT TO SCALE

BEDDING DETAIL

STANDARD SYMBOL

ANCHORING DETAIL

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 impede storm flow or drainage.

STRAW BALE DIKE
NOT TO SCALE

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

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 8' 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, 14½ Ga. 6" Max. mesh opening
FILTER CLOTH: Filter X, Mirafi 100X, Stabilinka T140N or Approved Equal
PREFABRICATED UNIT: GeoFab, Envirofence, or Approved Equal.

SILT FENCE
NOT TO SCALE

GENERAL NOTES:

1. TOTAL AREA OF PARCEL: 3.23 AC.±
2. PRESENT ZONING: NEW TOWN (N.T.-EMPLOYMENT CENTER COMMERICAL)
3. PROPERTY IS RECORDED AS PLAT NO. 6074
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.
      4.) TOTAL FLOOR AREA: 56,400 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'): 200
      2.) HANDICAPPED SPACES (12' x 18'): 7
   E. OPEN SPACE (GREEN AREA): 0.73 AC.±(23%)
7. THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 992-2427
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.
10. 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.

LEGEND

EXISTING CONTOUR (2' INTERVAL)	499
PROPOSED CONTOUR (2' INTERVAL)	498
SPOT ELEVATION	498.5
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.)	

DATE	DESCRIPTION
11-14-84	REVISE PER HOWARD CO. REVIEW COMMENTS 11-8-84
10-25-84	REVISE PER COMMENTS MADE BY COOK / THOMAS
9-9-84	REVISE GRADING, ADD WATER AND SEWER
8-11-84	REVISE PER COUNTY COMMENTS DATED 8-30-84
DATE	DESCRIPTION

REVISION

ADDRESS CHART

PARCEL NO.	ADDRESS
G-1	11055 LITTLE PATUXENT PKWY.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 10-3-84

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

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

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.

SIGNATURE OF ENGINEER — 7/16/84 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."

SIGNATURE OF DEVELOPER — 8 Aug 11 1984 DATE

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

U.S. SOIL CONSERVATION SERVICE — 12/2/84 DATE

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

DISTRICT HOWARD SOIL CONSERVATION DISTRICT — 12/2/84 DATE

APPROVED: OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — 1-4-85 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — 1-4-85 DATE

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

HEALTH OFFICER — 1-3-85 DATE

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

DIRECTOR PUBLIC WORKS — 1-2-85 DATE

CHIEF, BUREAU OF ENGINEERING — 1-2-85 DATE

SUBDIVISION NAME	SECTION/AREA	LOT / PARCEL No.
COLUMBIA-TOWN CENTER	6/4	P. G-1

PLAT No./L.F.	BLOCK No.	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
6074	B	NT&EC	35	5TH	6055.05

WATER CODE 1-07 — SEWER CODE 8888888

SITE DEVELOPMENT PLAN
COLUMBIA - TOWN CENTER
PARCEL G-1
SECTION 6 AREA 4
"MEDICAL OFFICE BUILDING"
5TH ELECTION DISTRICT HOWARD CO. MARYLAND
TAX MAP 35 PARCEL 386
SCALE AS SHOWN
AUGUST 6, 1984
SHEET 1 OF 4

S.D.P. 85-20c

Aggregate Base Course — POROUS PAVEMENT

(1) All stone used shall be clean, washed, crushed stone, meeting local highway department specifications.

(2) 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").

(3) 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

(1) The surface course shall be laid directly over the 1/2" aggregate base course and shall be laid in one lift.

(2) The laying temperature shall be between 230° and 260°, with minimum air temperature of 50°F, to make sure that the surface does not cool prior to compaction.

(3) 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.

(4) 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.

(5) 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.

(6) Mix of asphalt shall be 5.5 to 6 percent of weight of dry aggregate.

(7) 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.

(8) 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

(1) Work shall be done expertly throughout and without staining or damage to other permanent work.

(2) Make transition between existing and new paving work neat and flush.

(3) Finished paving shall be even, without pockets, and graded to elevations shown.

(4) 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

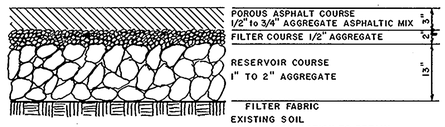
Stabilization — POROUS PAVEMENT

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

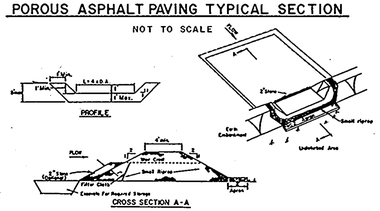
(1) Alter and refine the grades as necessary to bring subgrade to required grades and sections as shown in the drawings.

(2) 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 a density equal to the undisturbed subgrade, and inherent soft spots corrected.



POROUS ASPHALT PAVING TYPICAL SECTION

NOT TO SCALE



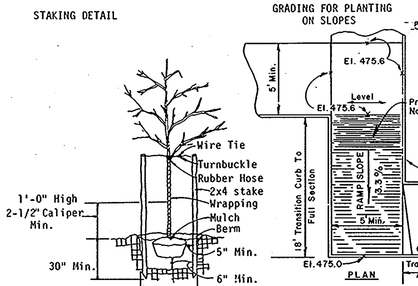
OPTION: A one foot layer of 3" stone may be placed on the upstream sides of the riprap in place of the embedded filter cloth.

CONSTRUCTION SPECIFICATIONS FOR ST-7

1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable materials. The embankment shall be compacted by traversing with equipment while it is being constructed.
3. All cut and fill slopes shall be 2:1 or flatter.
4. 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 as embedded filter cloth in the slopes.
5. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to ½ the design depth of the trap.
6. The structure shall be inspected after each rain and repairs made as needed.
7. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP

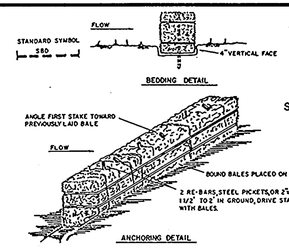
NO SCALE



Note: Remove Burlap from Top 1/3 of Ball

TREE PLANTING

NOT TO SCALE

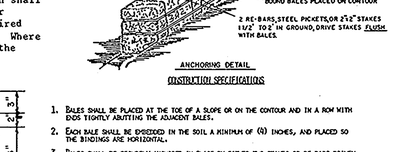


CONSTRUCTION SPECIFICATIONS

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. BALES 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 IMPEDE STORM FLOW OR DRAINAGE.

STRAW BALE DIKE

NO SCALE



	DIKE A (3 ea. or less)	DIKE B (3-10 ea.)
a-DIKE HEIGHT	16"	24"
b-DIKE WIDTH	24"	36"
c-FLOW WIDTH	4'	8'
e-FLOW DEPTH	8"	8"

CONSTRUCTION SPECIFICATIONS

1. ALL DIKES SHALL BE COMPACTED BY EARTH-MOVING EQUIPMENT.
2. ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
3. TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
4. FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
5. EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. RUNOFF SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT SEDIMENTLY STABILIZED.
6. 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.

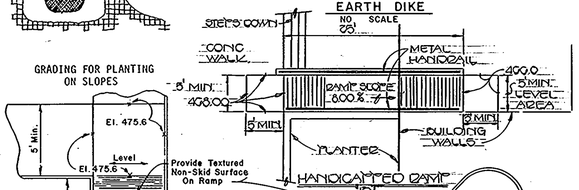
FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL GRADE	DIKE A	DIKE B
1	.5-5.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	5.1-5.0%	SEED AND STRAW MULCH	SEED USING JUTE, OR EXCELSIOR; SOD; 2" STONE
3	5.1-8.0%	SEED WITH JUTE, OR SOD; 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.

EARTH DIKE

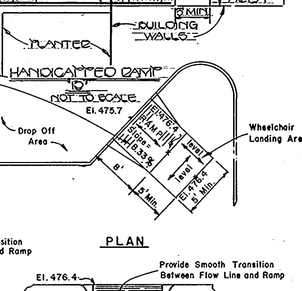
NO SCALE



GRADING FOR PLANTING ON SLOPES

HANDICAPPED RAMP "A"

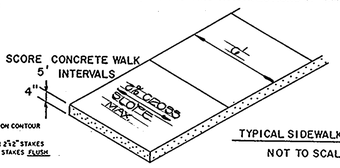
NOT TO SCALE



HANDICAPPED RAMP & DROP OFF AREA

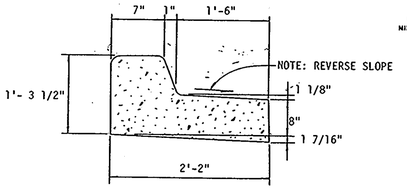
NOT TO SCALE

NOTE: PROVIDE EXPANSION JOINT WHEREVER SIDEWALK ABUTS CURBS, BUILDINGS, STAIRS AND INTERSECTIONS OF WALKS.



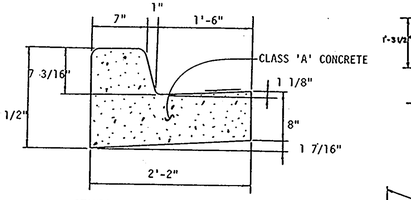
TYPICAL SIDEWALK DETAIL

NOT TO SCALE



STANDARD 7" COMBINATION CURB & GUTTER

NO SCALE



STANDARD 7" COMBINATION CURB & GUTTER

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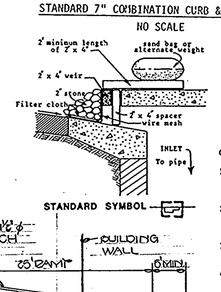
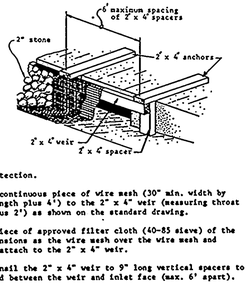
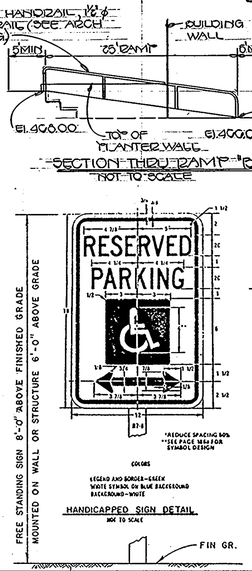


Curb Inlet Protection.

1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4') to the 2" x 4" weir (measuring throat length plus 2') as shown on the standard drawing.
2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
3. Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6' apart).
4. Place the assembly against the inlet throat and nail (minimum 2" lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
5. The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.
6. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
8. Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.





INLET PROTECTION

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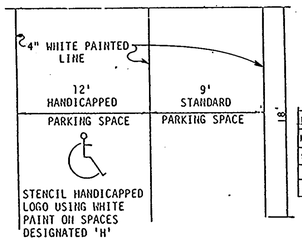

TYPICAL PARKING DETAIL

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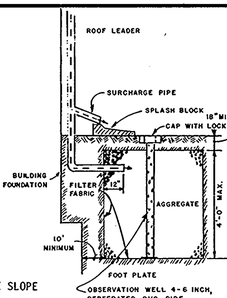

DRY WELL CROSS SECTION

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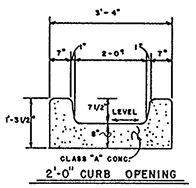


2'-0" CURB OPENING

NOT TO SCALE

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 or 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 compactors. As a rule of thumb, a maximum loose lift thickness of 12 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 obstacles 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.

DATE	REVISION
11-14-84	REVISE PER HOWARD RESEARCH REVIEW COMMENTS 11-8-84
10-05-84	REVISE PER COMMENTS MADE BY COOK, HOWARD & THOMAS
9-11-84	REVISE PER COUNTY COMMENTS DATED 8-30-84

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DAT 10-3-84

OWNER:

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

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.

SIGNATURE OF ENGINEER — DATE 7/16/84

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."

SIGNATURE OF DEVELOPER — DATE July 11 1984

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

U.S. SOIL CONSERVATION SERVICE — DATE 8/27/84

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

DISTRICT HOWARD SOIL CONSERVATION DISTRICT — DATE 10/22/84

APPROVED: OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 1-4-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 1-4-85

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

HEALTH OFFICER — DATE 1-3-85

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

DIRECTOR, PUBLIC WORKS — DATE 1-2-85

CHIEF, BUREAU OF ENGINEERING — DATE 1-2-85

SUBDIVISION NAME			SECTION/AREA	LOT / PARCEL No.
COLUMBIA - TOWN CENTER			8 / 4	P. G-1
PLAT No./L.F.	BLOCK No.	ZONE	TAX / ZONE MAP	ELEC. DIST.	CENSUS TR.
6070	5	NT ECC	35	5th	6065.05
WATER CODE 1-07			SEWER CODE 8882800	

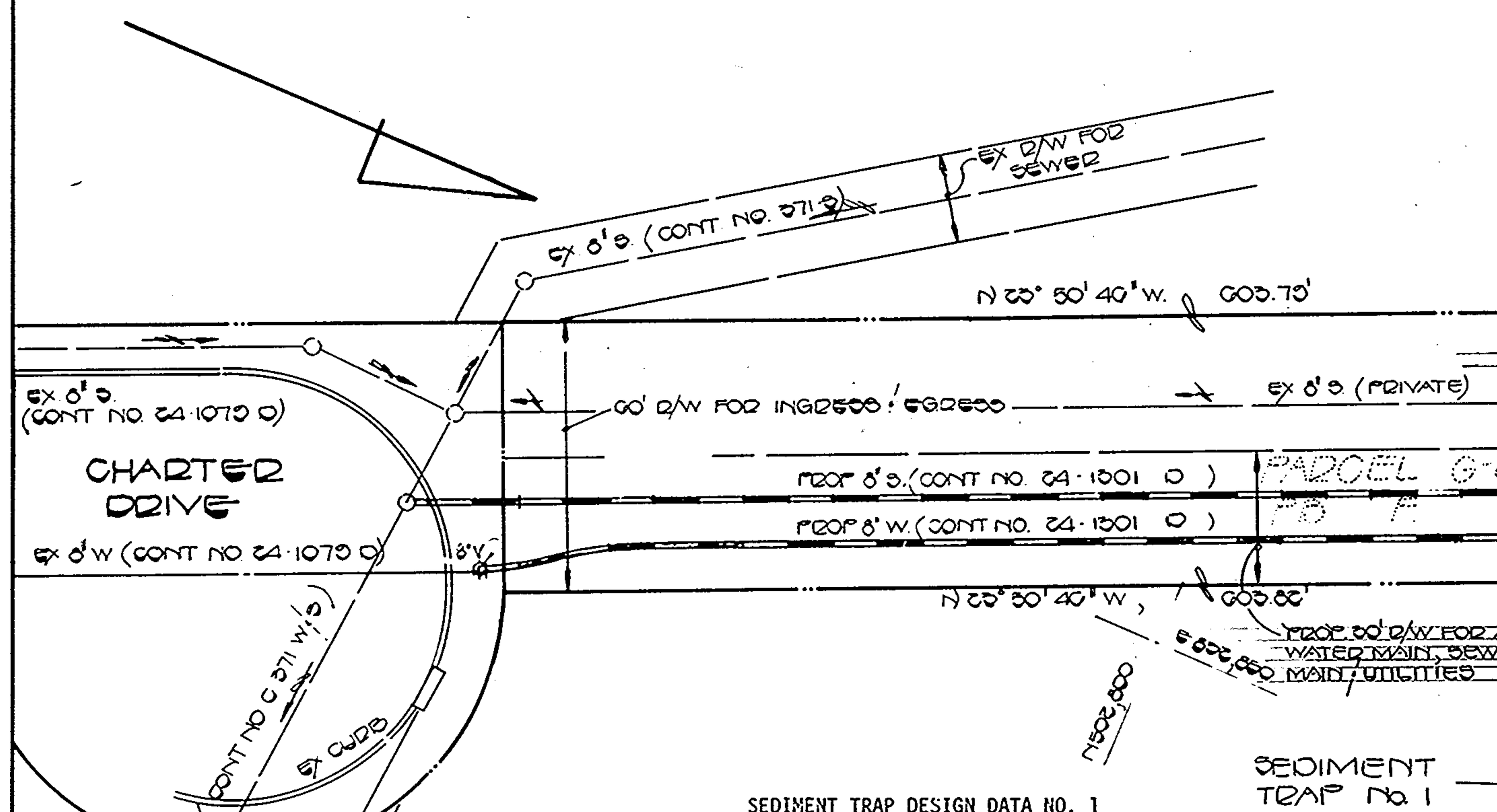
NOTES & DETAILS

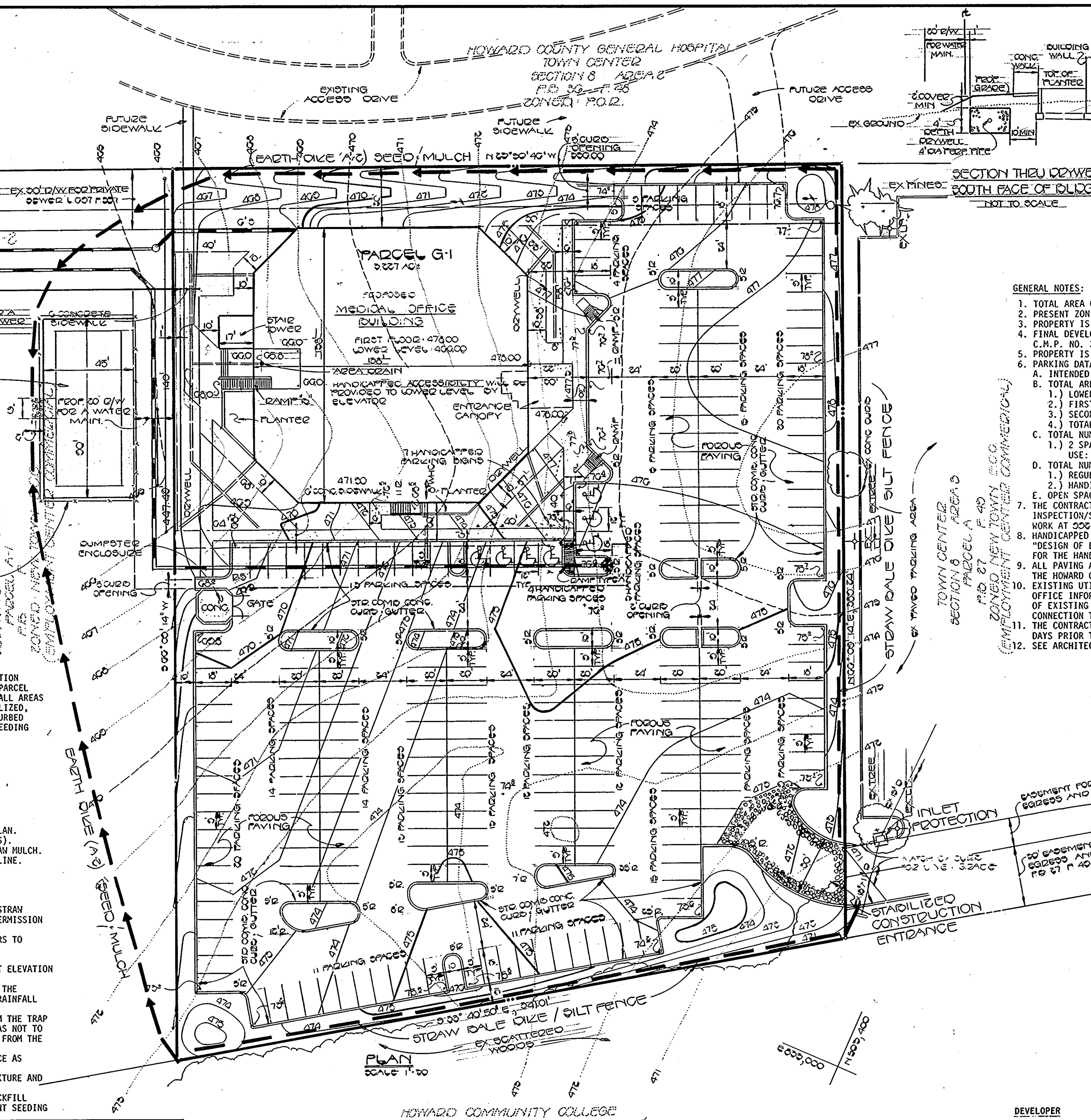
COLUMBIA - TOWN CENTER
PARCEL G-1
SECTION 8 AREA 4

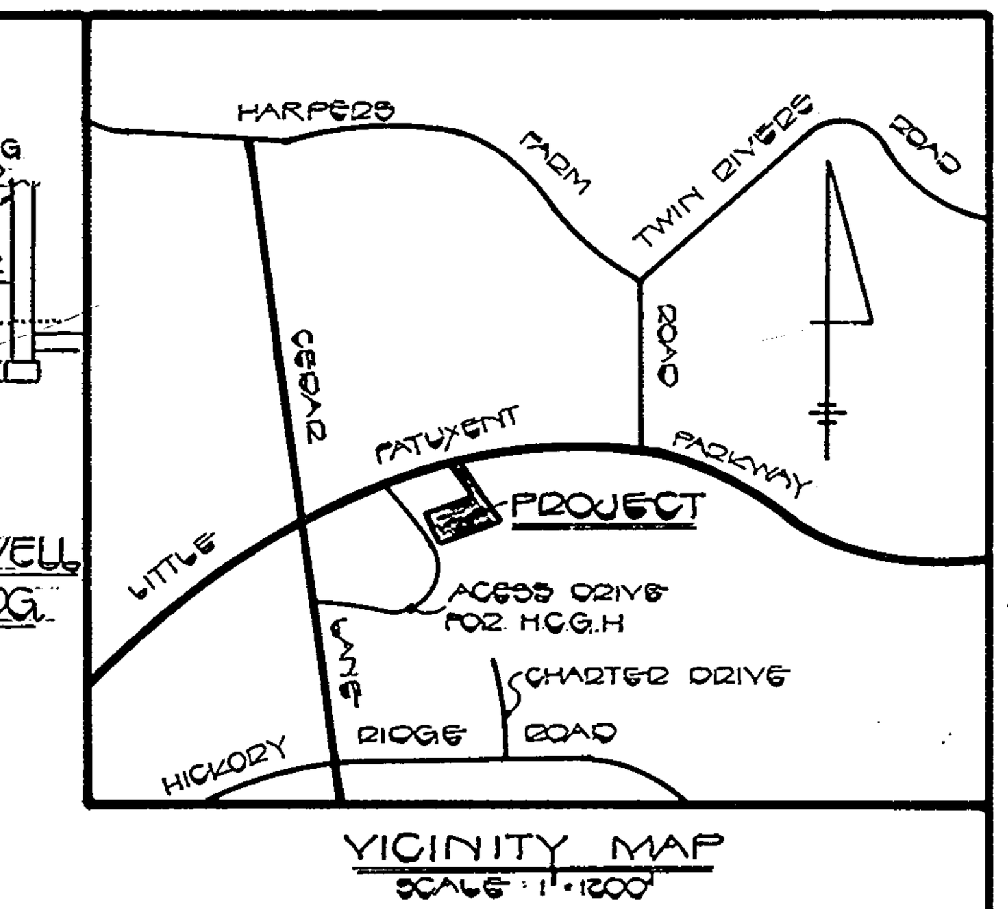
MEDICAL OFFICE BUILDING

5TH ELECTION DISTRICT, HOWARD CO. MD.
TAX MAP 35 PARCEL 386
AUGUST 6, 1984
SCALE: AS SHOWN SHEET 2 OF 4

SDP-85-20c







VICINITY MAP
SCALE 1"=1200'

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'

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

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 PROPERTY STABILIZED, THE TRAP SHALL BE BACKFILLED AND ALL DISTURBED AREAS WILL BE STABILIZED WITH PERMANENT SEEDING MIX AND STRAW MULCH.

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 DEVELOPING 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 992-2437.
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 992-2437.
5. ALL GRADED AREAS NOT TO BE SODDED SHALL BE STABILIZED BY SEEDING AND MULCHING IN ACCORDANCE WITH THE FOLLOWING:
   1. SITE PREPARATION:
      A. HARROW OR DISC IN AREAS PROPOSED TO BE SEEDED THE FOLLOWING MATERIALS
         1) PULVERIZED LIMESTONE AT 2 TONS/ACRE.
         2) COMMERCIAL FERTILIZED 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 SEEDED 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. SEEDED 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.

LEGEND

EXISTING CONTOUR (2' INTERVAL)
PROPOSED CONTOUR (2' 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.)

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.
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. CONSTRUCT DRY WELLS (SEE CONSTRUCTION SPECS.) ATTACH ROOF LEADERS TO DRYWELLS.
9. CONSTRUCT POROUS PAVEMENT (SEE CONSTRUCTION SPECS.).
10. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
11. 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.
12. THE SEDIMENT TRAP SHALL BE DEWATERED 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.
13. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
14. STABILIZE ALL REMAINING DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.
15. 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 COMMERICAL)
3. PROPERTY IS RECORDED AS PLAT NO. 6074
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.
      4.) TOTAL FLOOR AREA: 56,400 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: 237
      1.) REGULAR SPACES (9' x 18' or 20'): 230
      2.) HANDICAPPED SPACES (12' x 18'): 7
   E. OPEN SPACE (GREEN AREA): 0.73 AC.±(23%)
7. THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 992-2437
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.
10. 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.

ADDRESS CHART	
PARCEL NO.	ADDRESS
G-1	11055 LITTLE PARKWAY PKWY

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 10-3-84

SITE ANALYSIS:

1. TOTAL AREA OF PARCEL: 3.23 AC.±
2. TOTAL AREA TO BE DISTURBED: 3.23 AC.±
3. TOTAL IMPERVIOUS AREA: 2.50 AC.±
4. TOTAL AREA TO BE REVEGETATED: 0.73 AC.±

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

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

DATE	DESCRIPTION
11-14-84	REVISE PER HEO. ARCH REVIEW COMMENTS 11-8-84
10-25-84	REVISE PER COMMENTS MARKS, COOK, THOMAS
10-5-84	REVISE GRADING, ADD WATER AND SEWER
9-11-84	REVISE PER COUNTY COMMENTS DATED 8-30-84
	REVISION

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.

SIGNATURE OF ENGINEER — DATE 7/16/84

DEVELOPER'S CERTIFICATE

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SIGNATURE OF DEVELOPER — DATE July 11 1984

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

U.S. SOIL CONSERVATION SERVICE — DATE 12/27/84

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

DISTRICT HOWARD SOIL CONSERVATION DISTRICT — DATE 12-27-84

APPROVED: OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 1-4-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 1-4-85

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

HEALTH OFFICER — DATE 1-3-85

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

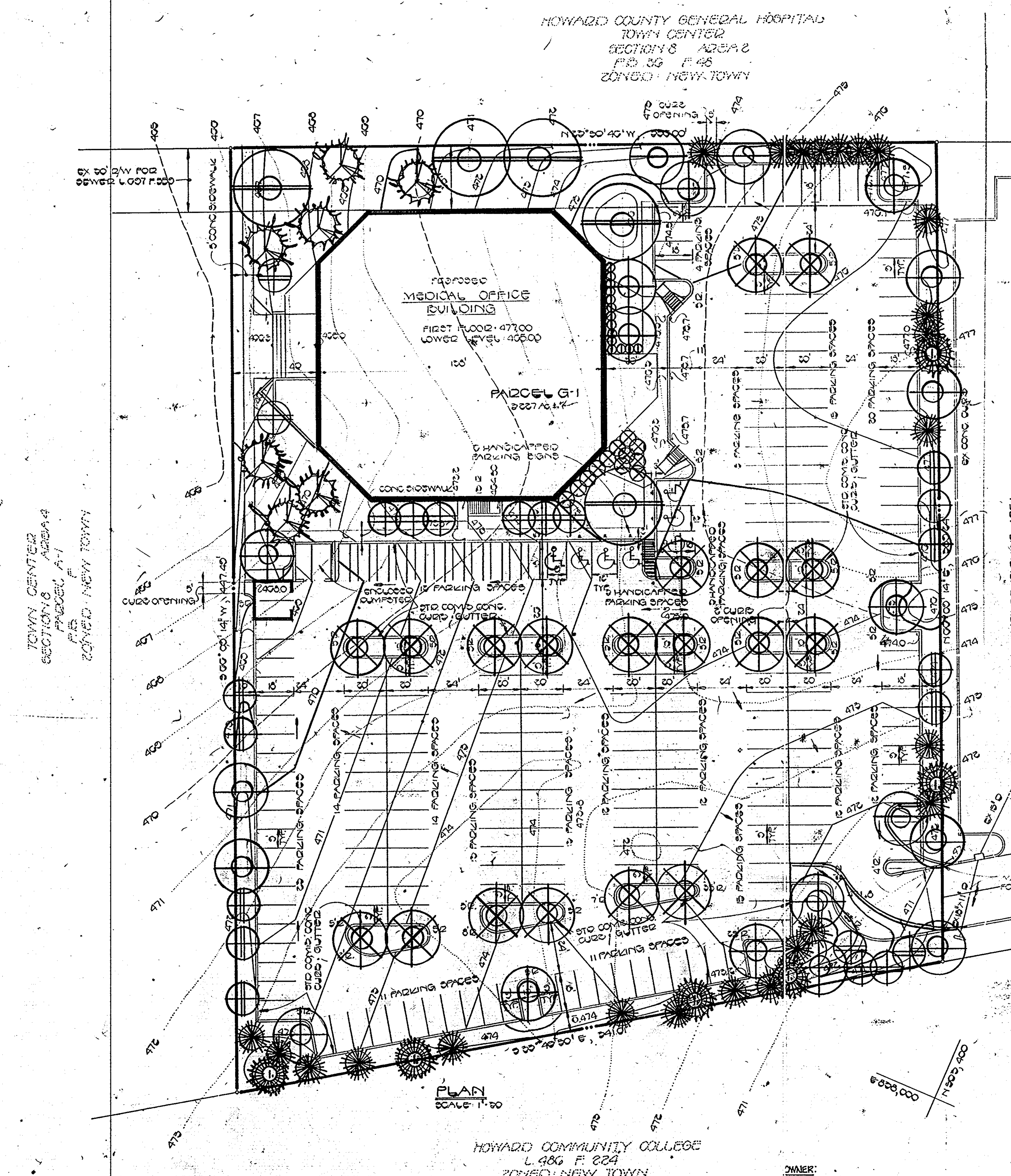
DIRECTOR, PUBLIC WORKS — DATE 1-2-85

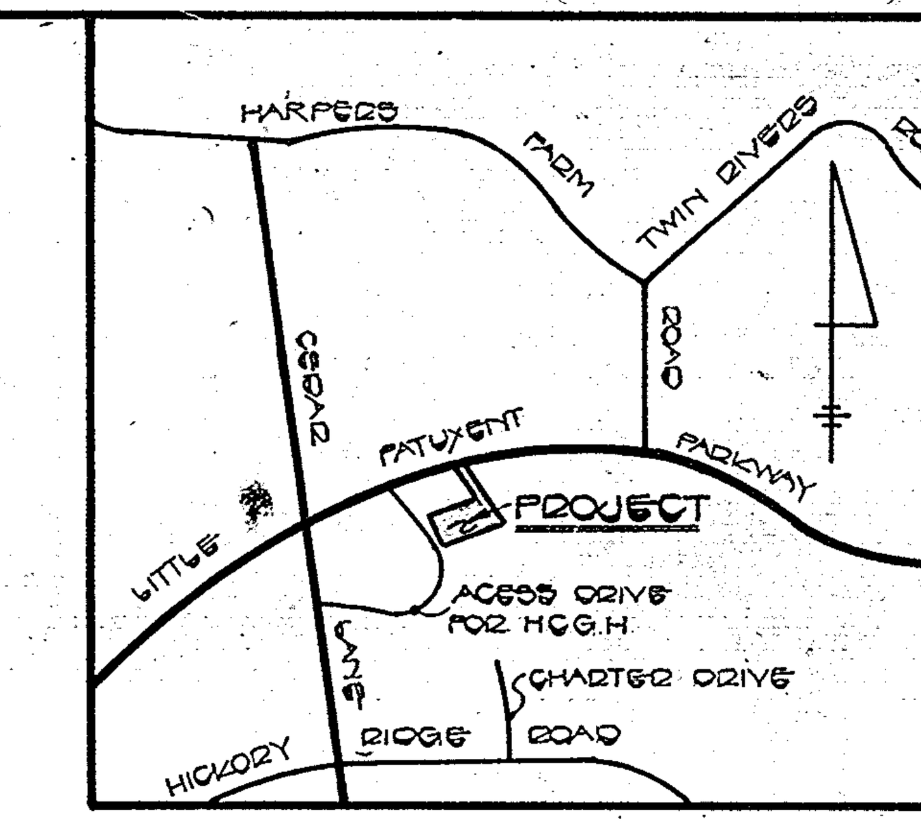
CHIEF, BUREAU OF ENGINEERING — DATE 1-2-85

SUBDIVISION NAME			SECTION/AREA		LOT / PARCEL No.
COLUMBIA-TOWN CENTER			8/4		P. G-1
PLAT No./L.F.	BLOCK No.	ZONE	TAX / ZONE MAP	ELEC. DIST.	CENSUS TR.
6074	5	NT/ECC	35	5TH	6055.02
WATER CODE	I-07		SEWER CODE	5522300	

SEDIMENT CONTROL PLAN
COLUMBIA - TOWN CENTER
PARCEL G-1
SECTION 8 AREA 4
MEDICAL OFFICE BUILDING
5TH ELECTION DISTRICT HOWARD CO. MARYLAND
TAX MAP 35 PARCEL 386
SCALE AS SHOWN
AUGUST 6, 1984
SHEET 3 OF 4

S.D.P. 85-20.





VICINITY MAP
SCALE: 1"=1200'

PLANT LIST

Qty	Plant	Size
11	RED MAPLE	2½-3" CAL. FULL HEADS
9	HONEY LOCUST	" " "
9	PIN OAK	" " "
5	PIN OAK	3½-4" CAL. HEAVY HEADS
10	WASH. HAWTHORN	8-10' HT. FULL HEADS
12	KWANZAN CHERRY	" " "
7	BLUE SPRUCE	6-8' HT. HEAVY HEADS
6	WHITE PINE	6-8' HT. HEAVY HEADS
24	WHITE PINE	5-6' HT. FULL HEADS
14	JAPANESE YEW	15-18" SPRD. " "
12	DOUBLEFILE VIBURNUM	2-2½' HT. " "

LITTLE PATUXENT PARKWAY
PUBLIC ROAD
120' R/W

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 10-3-84

STATE OF MARYLAND
MATTHEW C. ANACKER
REGISTERED LANDSCAPE ARCHITECT
NO. 256
10·20·84

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

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

REVISED 10·6·84 / SITE PLAN CHANGES 9.11.84

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

ENGINEER'S CERTIFICATE

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STATE OF MARYLAND · CHARLES J. CROVO, SR. · No. 13204 · REGISTERED PROFESSIONAL ENGINEER

SIGNATURE OF ENGINEER — DATE 7/16/84

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."

SIGNATURE OF DEVELOPER — DATE July 11 1984

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

U.S. SOIL CONSERVATION SERVICE — DATE 12/27/84

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

DISTRICT COORDINATOR, HOWARD SOIL CONSERVATION DISTRICT — DATE 12-27-84

APPROVED: OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 1-4-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 1-4-85

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

HEALTH OFFICER — DATE 1-3-85

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

DIRECTOR, PUBLIC WORKS — DATE 1-2-85

CHIEF, BUREAU OF ENGINEERING — DATE 1-2-85

SUBDIVISION NAME			SECTION/AREA	LOT / PARCEL No.
COLUMBIA TOWN CENTER			8/4	P. G-1
PLAT No. / L.F.	BLOCK No.	ZONE	TAX / ZONE MAP	ELEC. DIST.	CENSUS TR.
6074	5	NT/ECC	35	5TH	6053.02
WATER CODE	I-07		SEWER CODE	5522500	

PLANTING PLAN

COLUMBIA · TOWN CENTER

PARCEL G-1
SECTION 8 AREA 4

MEDICAL OFFICE BUILDING

5TH ELECTION DISTRICT HOWARD CO. MARYLAND
TAX MAP 35 PARCEL 389
SCALE: AS SHOWN

SHEET 4 OF 4

NEU. VALLEY - MCA 7.7.84

S.D.P. 85-20