

**EXISTING BUILDING**  
1st FL. ELEV. 443.13  
2nd FL. ELEV. 455.80  
A

**EXISTING BUILDING**  
B

**PROPOSED BUILDING**  
FIN. FL. ELEV. 443.13  
BASEMENT EL. 430.46

**VICINITY MAP**  
SCALE 1" = 200'

**PARKING REQUIREMENT: (SDP-76-30C)**  
Parking Required: 1077 Students at 2 spaces/3 Students - 685  
105 Employees at 1 space/employee - 105  
Total  
Parking Provided - Existing - 790

**GENERAL NOTES**

1. AREA OF PROPERTY TO BE DEVELOPED = 1.50 ACRES
2. PUBLIC WATER AND PUBLIC SEWER WILL BE UTILIZED
3. PARKING SPACES NOT REQUIRED
4. TOTAL FLOOR AREA OF BUILDING = 94,650 SQ FT
5. ZONING FOR
6. STORMWATER MANAGEMENT PROVIDED BY EX. POND (SEE SDP 76-40)
7. ALL TOPO SHOWN IS BASED ON TOPO SURVEY BY BEAVIN COMPANY DATED NOVEMBER 14, 1984.
8. ALL WORK TO BE ACCOMPLISHED IN ACCORDANCE WITH THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS
9. PROP. BUILDING WILL BE PROVIDED WITH SPRINKLER SYSTEM
10. L-480; F-224
11. MAX. NUMBER OF EXIST. STUDENTS = 4000
12. MAX. NUMBER OF PROP. STUDENTS BY YEAR 1980 - 5000
13. MAX. NUMBER OF EXIST. EMPLOYEES = 102
14. MAX. NUMBER OF PROP. EMPLOYEES BY YEAR 1980 - 200
15. MAX. NUMBER OF EXIST. STUDENTS BY YEAR 1980 - 200
16. EXIST. BUILDING COVERAGE: AREA = 2.400 ACRES: 2.01 %
17. PROP. BUILDING COVERAGE: AREA = 0.600 ACRES: 0.55 %
18. TOTAL BUILDING COVERAGE: AREA = 3.000 ACRES: 2.56 %
19. EXIST. OPEN SPACE: AREA = 112.084 ACRES: 94.47 %
20. PROP. OPEN SPACE: AREA = 112.324 ACRES: 93.92 %
21. TOTAL AREA OF PROPERTY = 110.60 ACRES
22. SEE P.3 CASE NO. 222

**NOTE:**  
FIRE LANE PAVING SURFACE SHALL BE FINISH COATED WITH "PLEXIPAVE" MANUFACTURED BY CALIFORNIA PRODUCTS CORPORATION. TEL: 1-800-225-1141 OR APPROVED EQUAL. COLOR SHALL BE SELECTED BY OWNER.

**LEGEND**

- EX. CONTOUR
- PROP. CONTOUR
- PROP. SAN SEWER
- PROP. WATER
- NEW PAVING
- EX. CURB & GUTTER
- PROP. CURB & GUTTER
- PROP. STORM DRAIN

**NOTE: SEE MECH/ELECT CONST. PLANS FOR DETAILS**

REV.	DATE	DESCRIPTION
1	4/1/87	ADDED STORAGE BLDG.
2	9/20/84	ADD BOILER RM, COOLING TOWERS + ICE STORAGE
3	12/1/87	ADD THERMAL STORAGE SYSTEM

**OWNER/DEVELOPER**  
HOWARD COMMUNITY COLLEGE  
LITTLE PATUKENT PARKWAY  
COLUMBIA, MARYLAND 21044 PH# 602-4800

**PROJECT**  
HOWARD COMMUNITY COLLEGE  
**SITE & GRADING PLAN**

5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
10868 B 1986 PARCEL X 476 50 TAX MAP 33  
**ENGINEERS** WHITNEY, BAILEY, COX & MAGNANI  
CONSULTING ENGINEERS  
1850 YORK ROAD  
TIMonium, MD 21093  
(301) 252-6060

DESIGNED: ART  
DRAWN: DW  
CHECKED: PD  
DATE: OCTOBER 8, 1986  
SCALE: 1" = 20'  
DRAWING NO.  
1 OF 5

REVIEWED FOR HOWARD COUNTY S.C.D. AND MEETS TECHNICAL REQUIREMENTS.  
*Constance M. Vehn* 12-10-87 DATE  
S.O.S. SOIL CONSERVATION SERVICE  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*Stephen P. Fulmer* 12/10/87 DATE  
HOWARD S.C.D.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE, AND ROAD.  
BY: PUBLIC WORKS  
*[Signature]* 12-15-87 DATE

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 12-15-87 DATE  
COUNTY HEALTH OFFICER

APPROVED: HOWARD CO. OFFICE OF PLANNING & ZONING  
*[Signature]* 12-16-87 DATE  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION.  
*[Signature]* 12-16-87 DATE  
PLANNING DIRECTOR

**ADDRESS CHART**

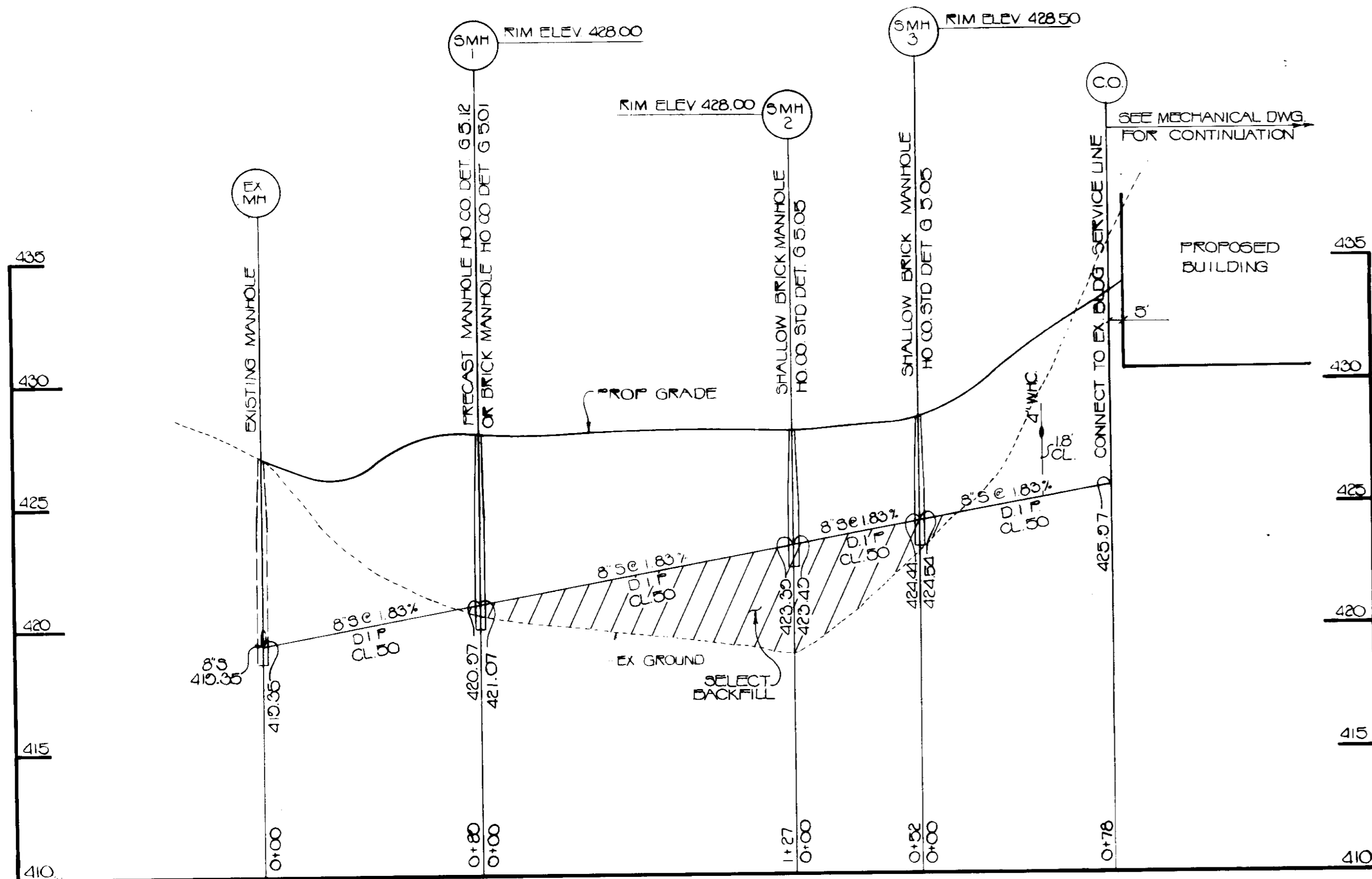
PAR. NUMBER	STREET ADDRESS
47	10001 LITTLE PATUKENT PKWY

**BUILDING ADDITION TO SDP-76-30**

SUBDIVISION NAME	SECT./AREA	PARCEL #			
HOWARD COMMUNITY COLLEGE		47			
PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TRACT
480/224	G	FOR	35	5	6003.02
WATER CODE	SEWER CODE				
107	5622500				

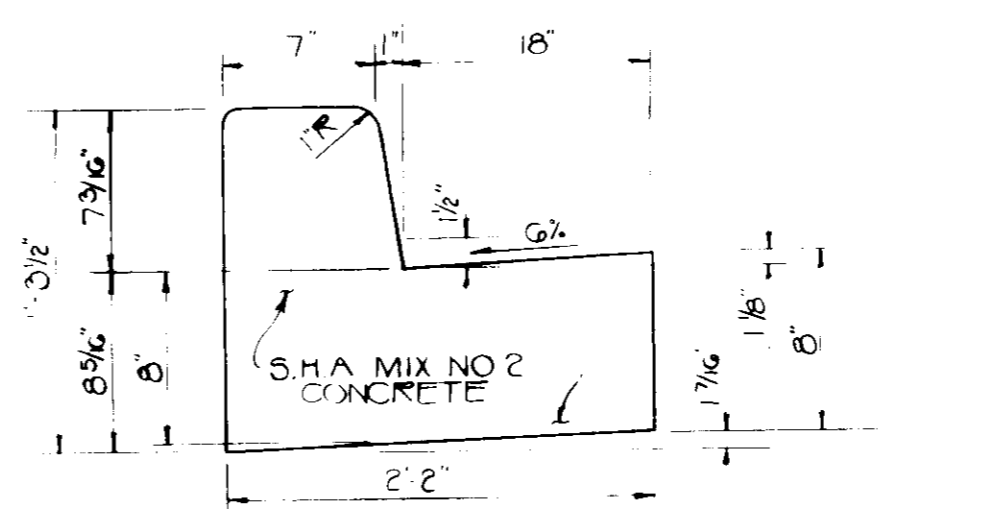
FOR REVISION ONLY  
*[Signature]* 5-20-97 DATE  
STEVEN T. ANDRASKA P.E. NO. 10002

12-9-87  
*[Signature]*

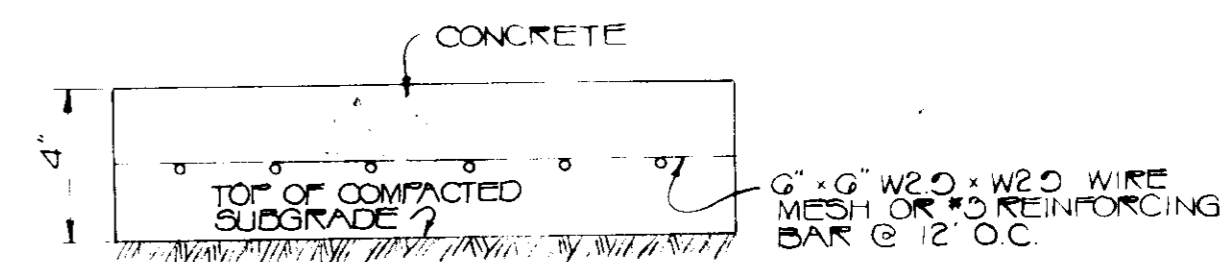


**SANITARY SEWER PROFILE**

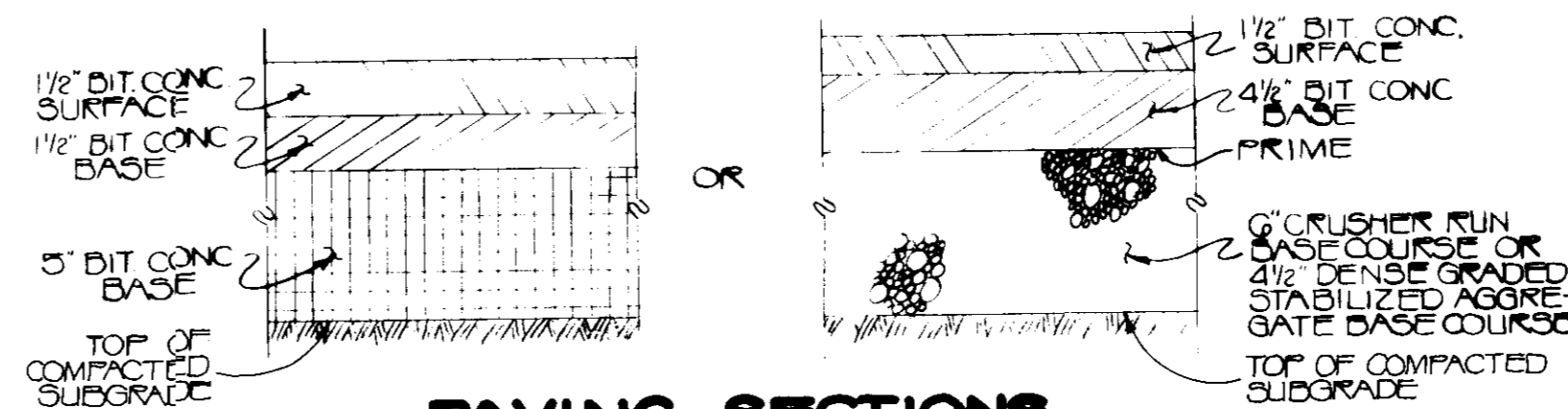
SCALE: HOR. 1"=40'  
VERT. 1"=4'



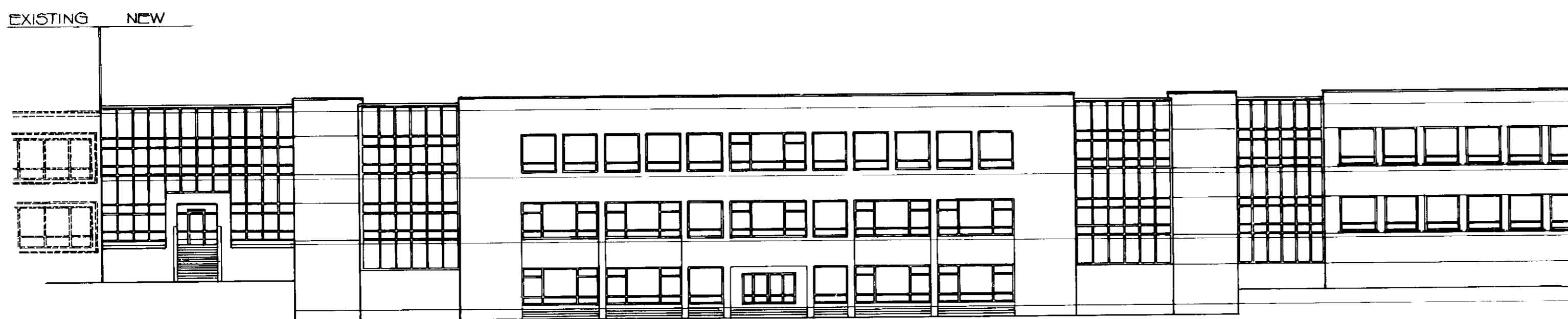
**STANDARD 7" COMBINATION CURB & GUTTER**  
NOT TO SCALE



**CONCRETE SIDEWALK DETAIL**  
NOT TO SCALE

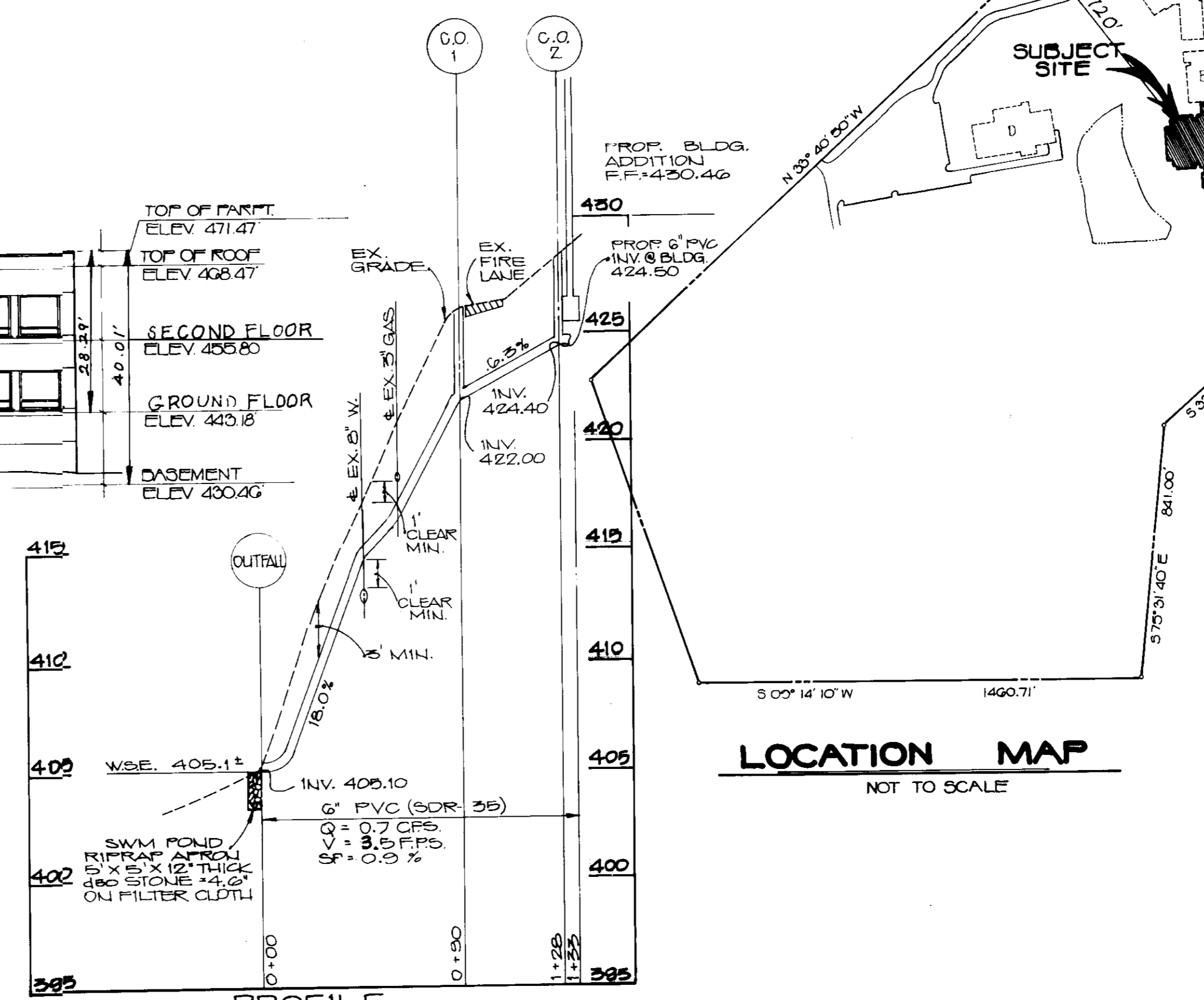


**PAVING SECTIONS**  
NOT TO SCALE



**BUILDING PROFILE**

NOT TO SCALE



**LOCATION MAP**

NOT TO SCALE

**PROFILE**

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

**BUILDING ADDITION TO SDP-76-30**

FOR REVISION I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

STEVEN T. ANDRAKA P.E. NO. 18882 DATE 5-21-97

REVIEWED FOR HOWARD COUNTY S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

*James M. Wilson* 12-10-87  
U.S. SOIL CONSERVATION SERVICE DATE  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*James M. Wilson* 12-10-87  
HOWARD S.C.D. DATE

APPROVED  
PLANNING & ZONING  
OR BOARD OF COUNTY  
DATE 12-9-87

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE, AND ROAD.  
HOWARD CO. DEPT. OF PUBLIC WORKS  
*[Signature]*  
DIRECTOR

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]*  
COUNTY HEALTH OFFICER

APPROVED: HOWARD CO. OFFICE OF PLANNING & ZONING  
DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION.  
*[Signature]* 12-16-87  
PLANNING DIRECTOR DATE

FOR REVISION NO. 3 ONLY

STEVEN T. ANDRAKA P.E. NO. 18882 DATE 5-20-97

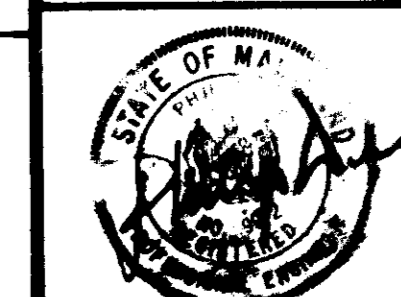
REV.	DATE	DESCRIPTION
1	4/1/87	ADDED ROOF LEADER PROFILE FOR STORAGE BLDG.

OWNER/DEVELOPER  
HOWARD COMMUNITY COLLEGE  
LITTLE PATUXENT PARKWAY  
COLUMBIA, MARYLAND 21044 PH # 302-4800

PROJECT: HOWARD COMMUNITY COLLEGE  
PROFILE & SITE DETAILS

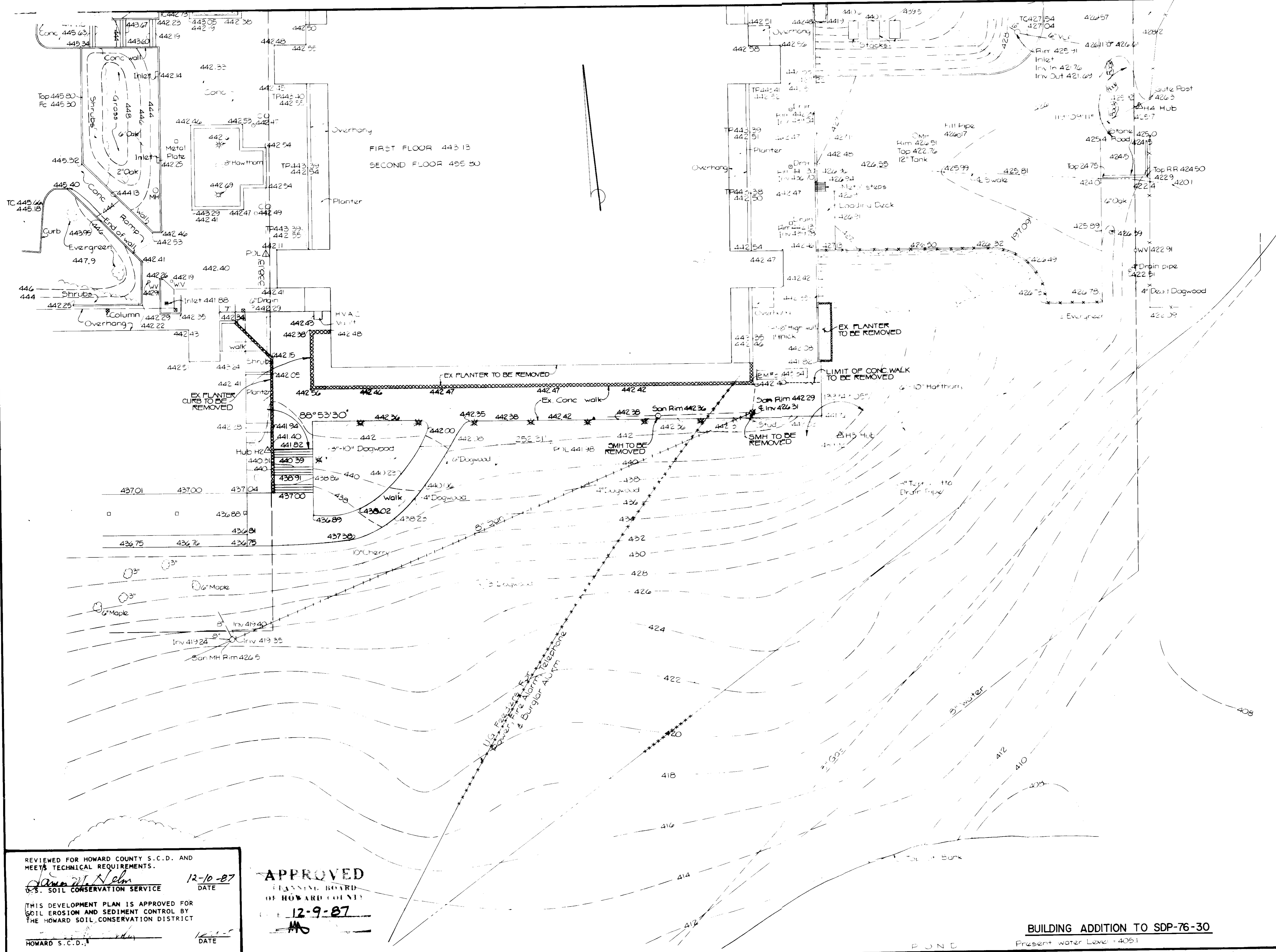
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
OCTOBER 8, 1986 PARCEL NO. 47450 TAX MAP 35

ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI  
CONSULTING ENGINEERS  
1880 YORK ROAD  
THORNTON, MD. 21085  
(301) 252-6660



DESIGNED: ART  
DRAWN: BW  
CHECKED: PD  
DATE: OCTOBER 8, 1986  
SCALE: AS SHOWN  
DRAWING NO. 2 OF 5

SDP-87-95



**LEGEND**

WATER \_\_\_\_\_  
 GAS - - - - -  
 SANITARY SEWER - - - - -  
 STORM DRAIN - - - - -  
 ELECTRIC - - - - -  
 UG FEEDER TO BE RELOCATED - - - - -  
 FENCE - - - - -  
 8" SAN SEWER TO BE REMOVED - - - - -  
 EX CURB & GUTTER TO BE REMOVED - - - - -  
 LIGHT POSTS TO BE REMOVED - - - - -  
 CONC WALK TO BE REMOVED - - - - -  
 NOTE: UTILITIES WERE PLOTTED FROM FIELD SURVEYS, AND COLUMBIA RECORD DRAWINGS. ACCURACY AND COMPLETENESS ARE NOT GUARANTEED.

REVIEWED FOR HOWARD COUNTY S.C.D. AND MEETS TECHNICAL REQUIREMENTS.  
*[Signature]* 12-10-87  
 U.S. SOIL CONSERVATION SERVICE DATE  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*[Signature]* DATE  
 HOWARD S.C.D.

**APPROVED**  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 12-9-87  
*[Signature]*

**BUILDING ADDITION TO SDP-76-30**  
 Present water Level: 405.1

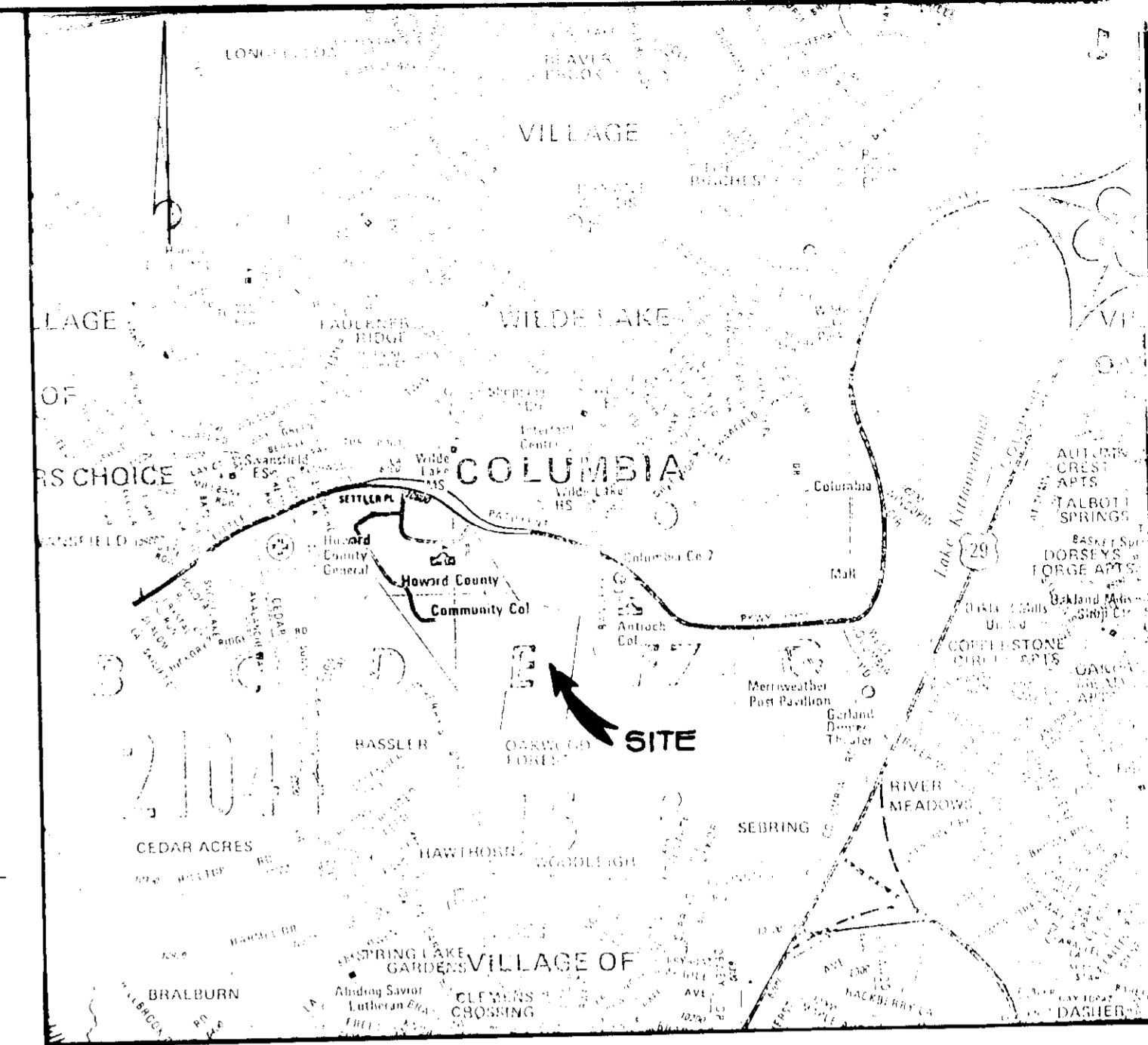
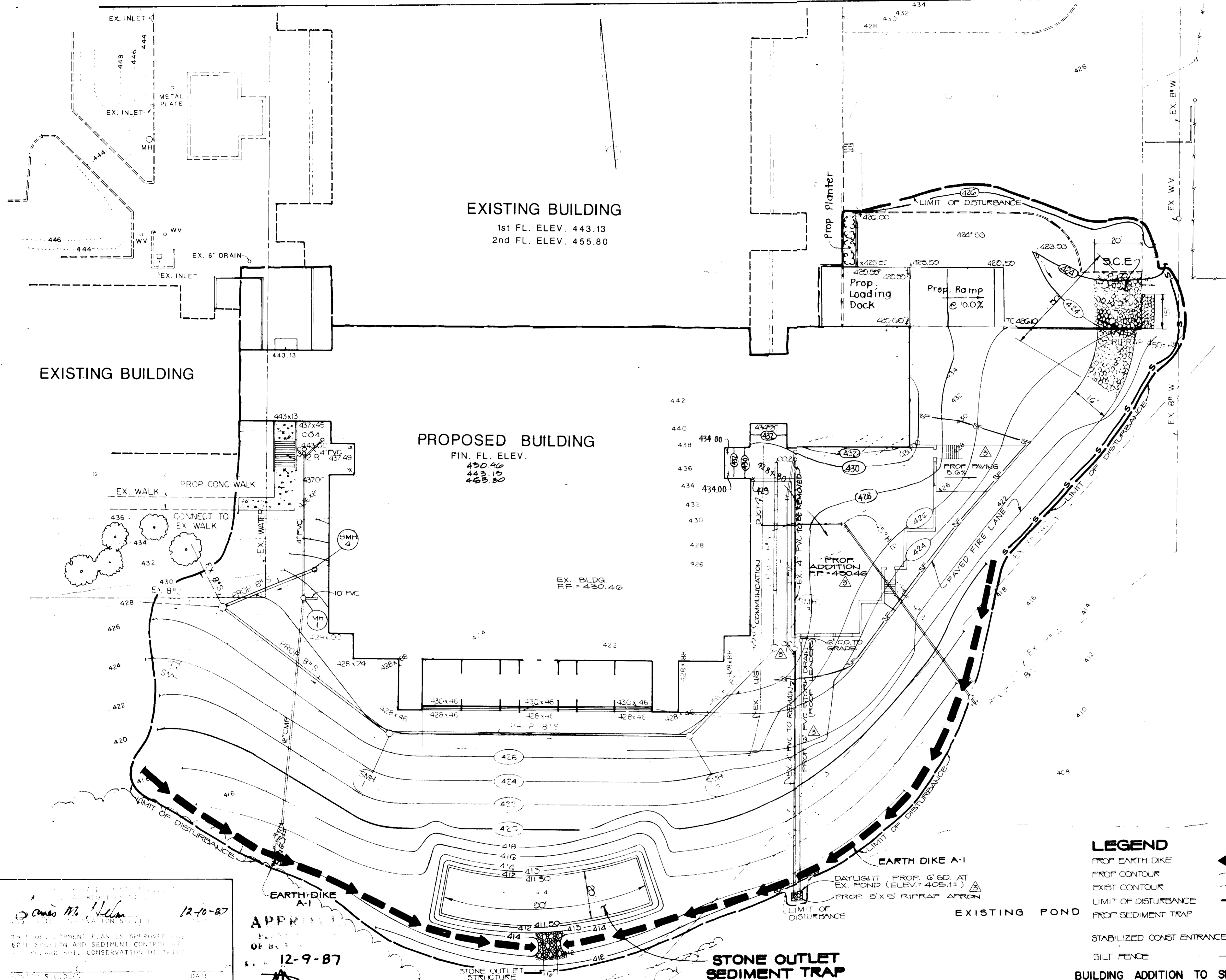
BY	DATE	DESCRIPTION
		REVISION
OWNER/DEVELOPER HOWARD COMMUNITY COLLEGE LITTLE PATUXENT PARKWAY COLUMBIA, MARYLAND 21044 PH. #502-4800		
PROJECT: HOWARD COMMUNITY COLLEGE EXISTING CONDITION AND DEMOLITION PLAN 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND OCTOBER 8, 1986 PARCEL # 47 & 50 TAX MAP 35		
ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI CONSULTING ENGINEERS 1850 YORK ROAD TIMONUM, MD. 21093 (301) 252-6060		

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE, AND ROAD.  
 HOWARD CO. DEPT. OF PUBLIC WORKS  
*[Signature]* DATE  
 CHIEF, BUREAU OF ENGINEERING

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 12-15-87  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD CO. OFFICE OF PLANNING & ZONING  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION.  
*[Signature]* 12-16-87  
 PLANNING DIRECTOR DATE

DESIGNED: ART  
 DRAWN: B.W.  
 CHECKED: P.D.  
 DATE: OCTOBER 8, 1986  
 SCALE: 1" = 20'  
 DRAWING NO.  
 3 OF 5  
 12/16/87  
 SDP-87-95



VICINITY MAP  
SCALE 1" = 2000'

**GENERAL NOTES**

- 1. AREA OF PROPERTY TO BE DEVELOPED 1100 ACRES
- 2. PUBLIC WATER AND PUBLIC POWER WILL BE UTILIZED
- 3. PARKING SPACES NOT REQUIRED
- 4. TOTAL FLOOR AREA OF BUILDING 150,000 SQ. FT.
- 5. ZONING NT

**STONE OUTLET SEDIMENT TRAP**

DA	143 ACRES
VOLUME REQUIRED	143 x 1800 = 2574 CF
VOLUME PROVIDED	20' x 50' x 150' = 2700 CF
BOTTOM ELEV.	411.50
STONE WEIR CREST ELEV.	414.00
CLEANOUT ELEV.	412.25
LENGTH OF STONE OUTLET	4' x 143' @

FOR REVISION NO. 1  
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOILS CONSERVATION DISTRICT.

STEVEN T. ANDRAGA, P.E. NO. 18862	DATE 5-26-97
DATE 11/1/97	DESCRIPTION ADDED STORAGE BLDG.
OWNER/DEVELOPER HOWARD COMMUNITY COLLEGE LITTLE PATUKENT PARKWAY COLUMBIA, MARYLAND 21044 PH. 502-4800	
HOWARD COMMUNITY COLLEGE <b>EROSION &amp; SEDIMENT CONTROL PLAN</b>	
5TH ELEC. DISTRICT OCTOBER 8, 1986 PARCEL X & R. 476.00 TAX MAP 35	
ENGINEERS WHITNEY, BAILEY, COX & MAGNANI CONSULTING ENGINEERS 1854 YOGT ROAD TIMONISI, MD 21093 (301) 252-6500	
DESIGNED ART	DRAWN DW
CHECKED PD	DATE OCTOBER 8, 1986
SCALE 1" = 20'	DRAWING NO.
DATE 12/10/87	4 OF 5

**LEGEND**

- PROP EARTH DIKE
- PROP CONTOUR
- EXIST CONTOUR
- LIMIT OF DISTURBANCE
- PROP SEDIMENT TRAP
- STABILIZED CONST ENTRANCE
- SILT FENCE
- BUILDING ADDITION TO SDP-76-30

APPROVED FOR PUBLIC WATER SERVICE  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE 12-9-87

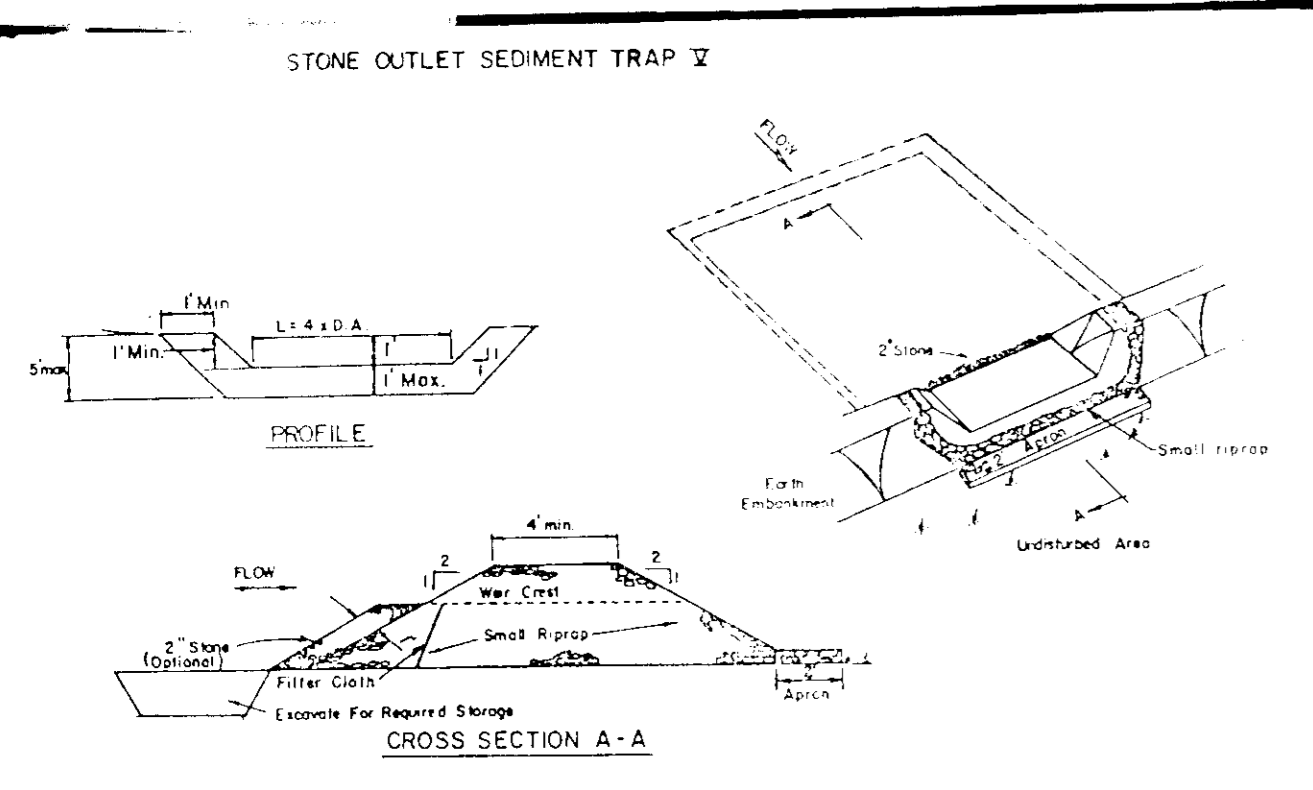
APPROVED FOR PUBLIC WATER SERVICE  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE 12-10-87

APPROVED FOR PUBLIC WATER SERVICE  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE 12-16-87

APPROVED FOR PUBLIC WATER SERVICE  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE 12-16-87

BY THE ENGINEER:  
DATE 12/10/87

BY THE DEVELOPER:  
DATE 10/20/87

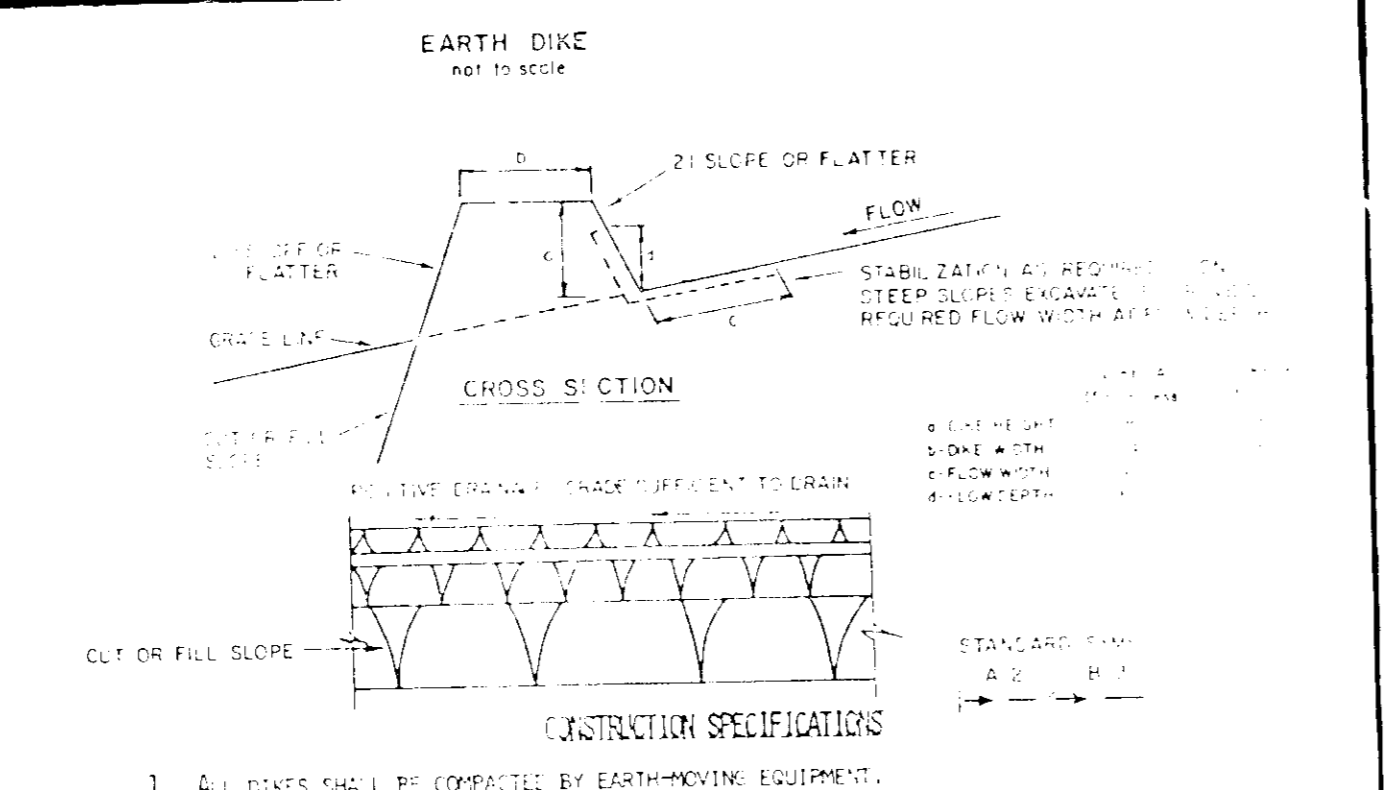


**OPTION:** A one foot layer of 2" stone may be placed on the upstream side of the riprap in place of the embedded filter cloth.

**CONSTRUCTION SPECIFICATIONS FOR ST-V**

- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool 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 traveling 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 upgrade side on the small riprap embedded filter cloth in the riprap.
- Sediment shall be removed and trap restored 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 rain 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.

Maximum Drainage Area: 5 Acres



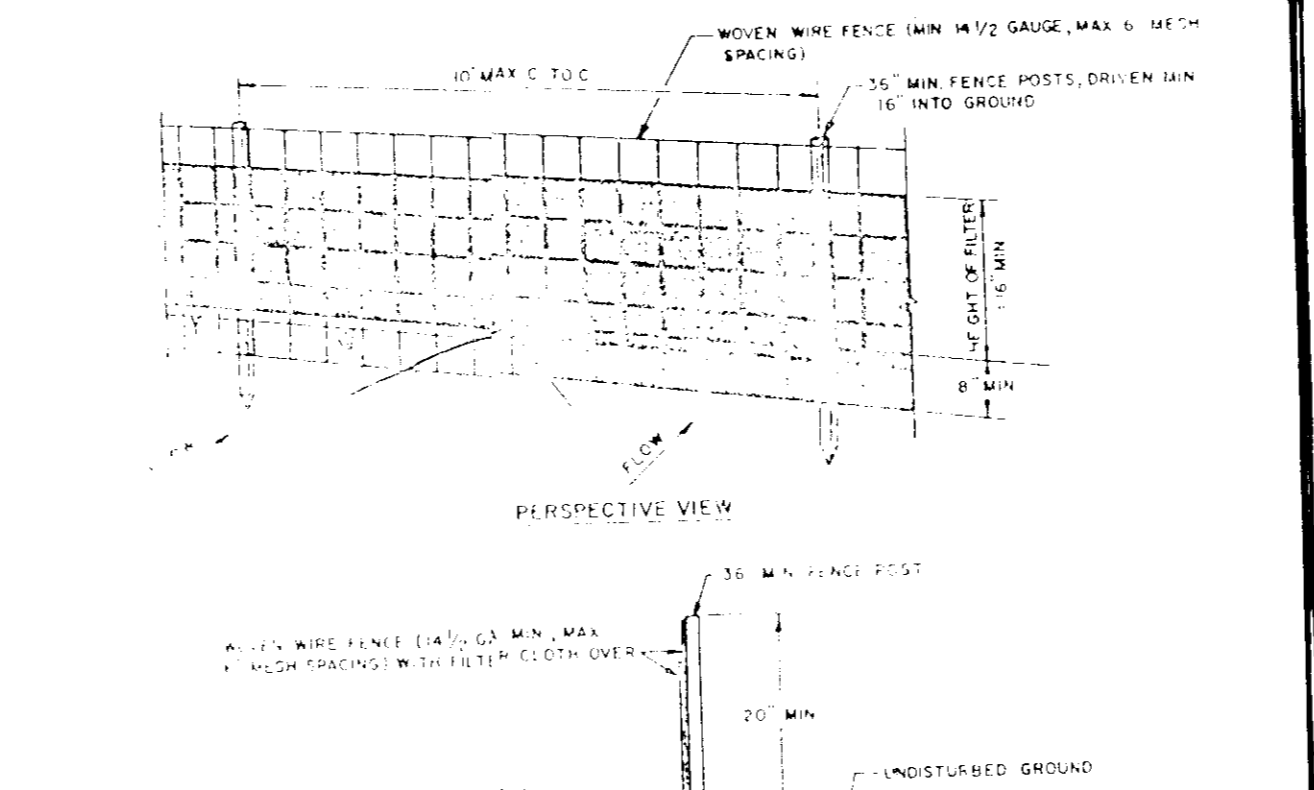
**CONSTRUCTION SPECIFICATIONS**

- All dikes shall be compacted by earth-moving equipment.
- Dikes shall have positive drainage to an outlet.
- Top width may be wider and side slopes may be flatter if desired to facilitate crossings by construction traffic.
- Site location shall be selected as needed to utilize a stabilized safe outlet.
- Earth dikes shall have an outlet that functions with a minimum of erosion. The outlet shall be conveyed to a sediment trapping device such as a sediment trap or check basin where either the dike change, or the drainage area above the dike area is adequately stabilized.
- Stabilization shall be: (1) in accordance with standard specifications for riprap and straw mulch or straw mulch if not in second season; (2) flow channel, as shown on the chart below.

TYPE OF TREATMENT	CHANNEL SIZE	DIKE A	DIKE B
1	5-3.00	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.00	SEED AND STRAW MULCH	SEED USING JUTE, OR SOIL EXCESSIVE SEED, 2" STONE
3	5.1-8.00	SEED WITH JUTE, OR SOIL	LINED RIP-RAP 4-8"
4	8.1-200	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

**FLON CHANNEL STABILIZATION**

- 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.
- RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND PRESSED INTO THE SOIL.
- PROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.



**CONSTRUCTION NOTES FOR SILT FENCE**

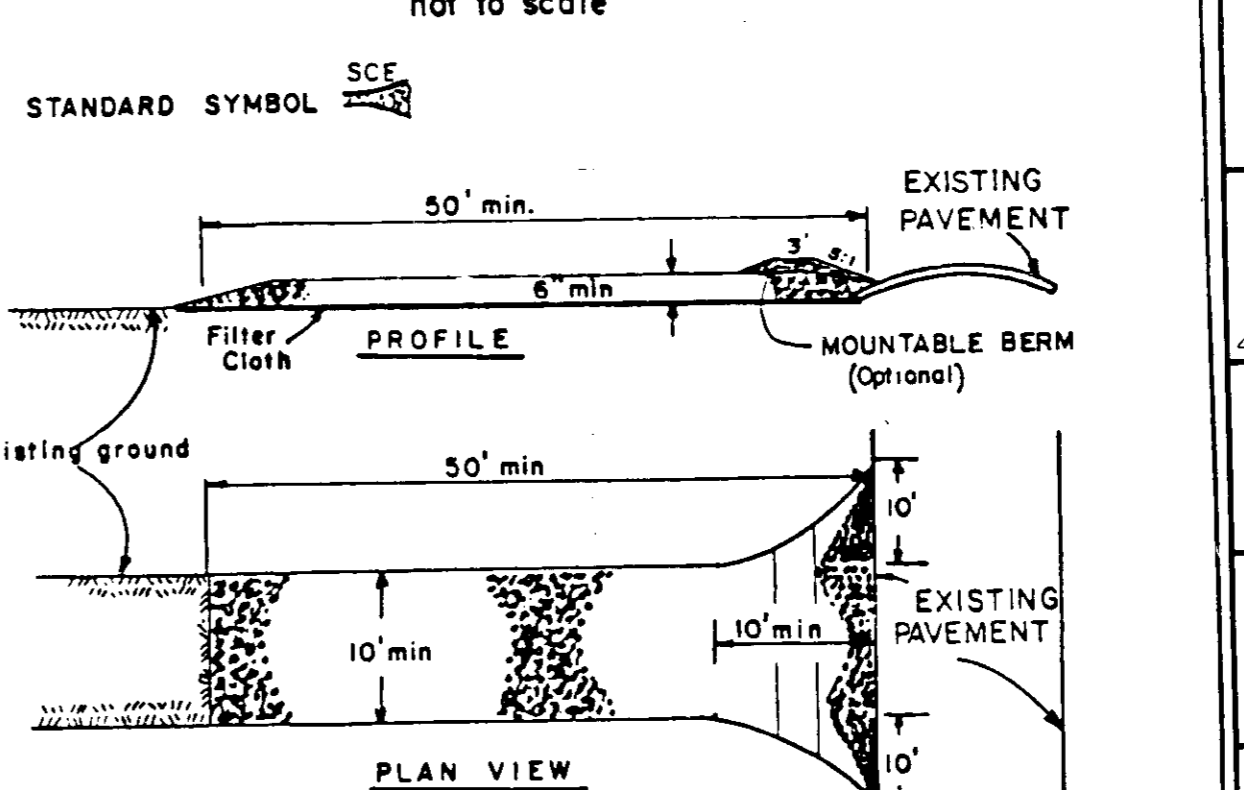
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
- Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid sections.
- When two sections of filter cloth adjoin each other they shall be overlapped by six inches and folded.
- 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" HARDENED

**FENCE:** WOVEN WIRE, 16 GA. 6" P.W. FRESH DRUM

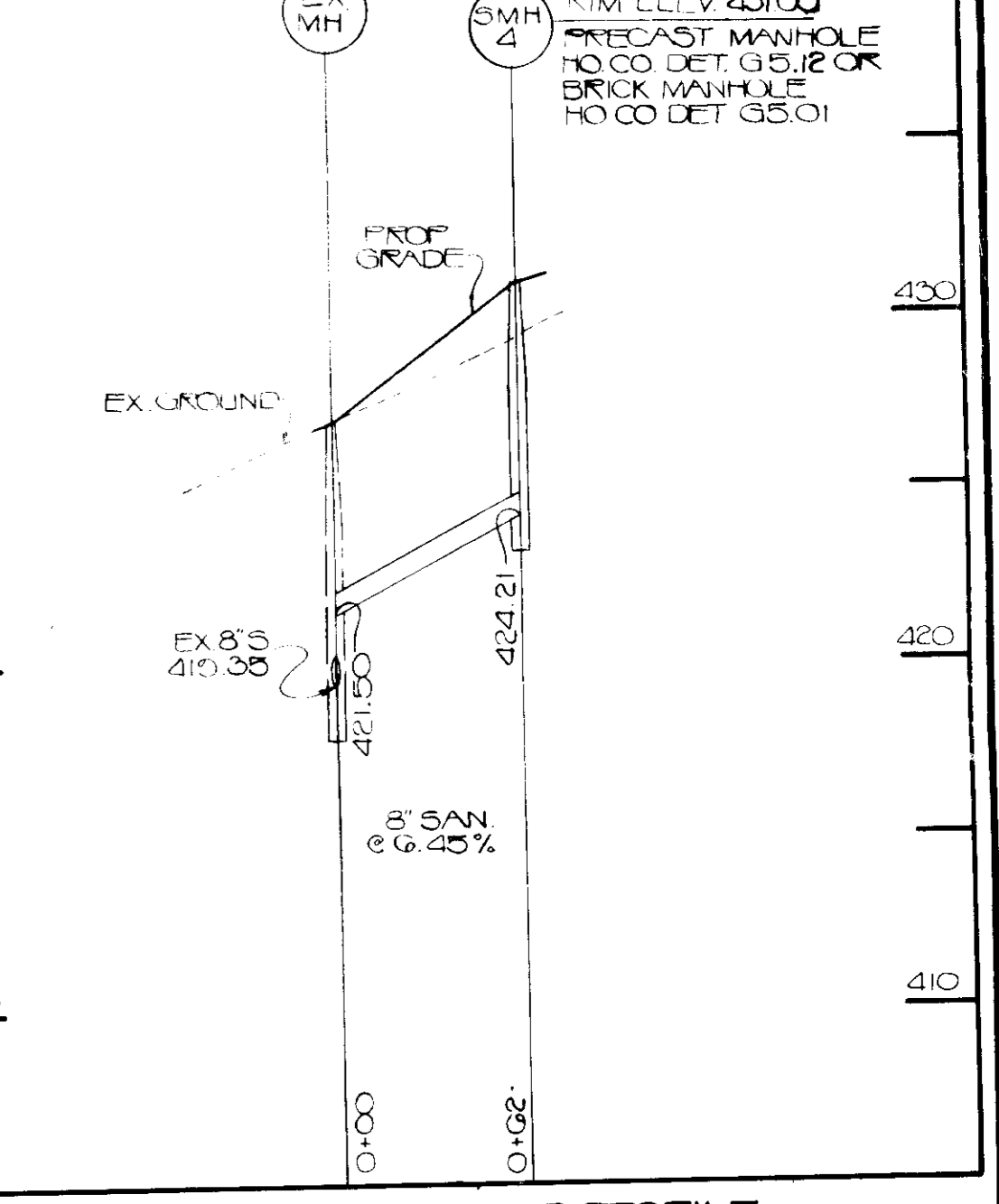
**FILTER CLOTH:** FILTER X, MIRAFIL 1000, STABILINK 1300N OR APPROVED EQUAL

**PREFABRICATED UNIT:** GEOTEX, ENVIROFENCE, OR APPROVED EQUAL



**CONSTRUCTION SPECIFICATIONS**

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



**SANITARY SEWER PROFILE**  
SCALE: HOR 1"=50' VERT 1"=5'

**STONE OUTLET SEDIMENT TRAP**

**EARTH DIKE**

**SILT FENCE**

**STABILIZED CONSTRUCTION ENTRANCE**

**SANITARY SEWER PROFILE**

**Construction Sequence**

- Obtain Grading Permit and notify Howard County within 2 weeks
- Clearing and Grubbing for the installation and perimeters control - 1 week
- Install Sediment Control Devices - 2 weeks
- Clearing & Grubbing of site - 2 weeks
- Start Grading to subgrade and excavation for building construction - 3 weeks
- Start building construction - 4 months
- Start installation of sewer line roof drains and water line - 2 weeks
- Install curbs & gutter, walk, concrete stairs and paving - 2 weeks
- Final grading and stabilization of disturbed areas not to be paved - 2 weeks
- Removal of Sediment Control Devices - 1 week

NOTE: ALL TIMES ARE APPROXIMATE AND SUBJECT TO CHANGE

**PERMANENT SEEDING NOTES**

Apply to graded or cleared areas 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, disking or other acceptable means before seeding.

**Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:

- 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).
- 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.

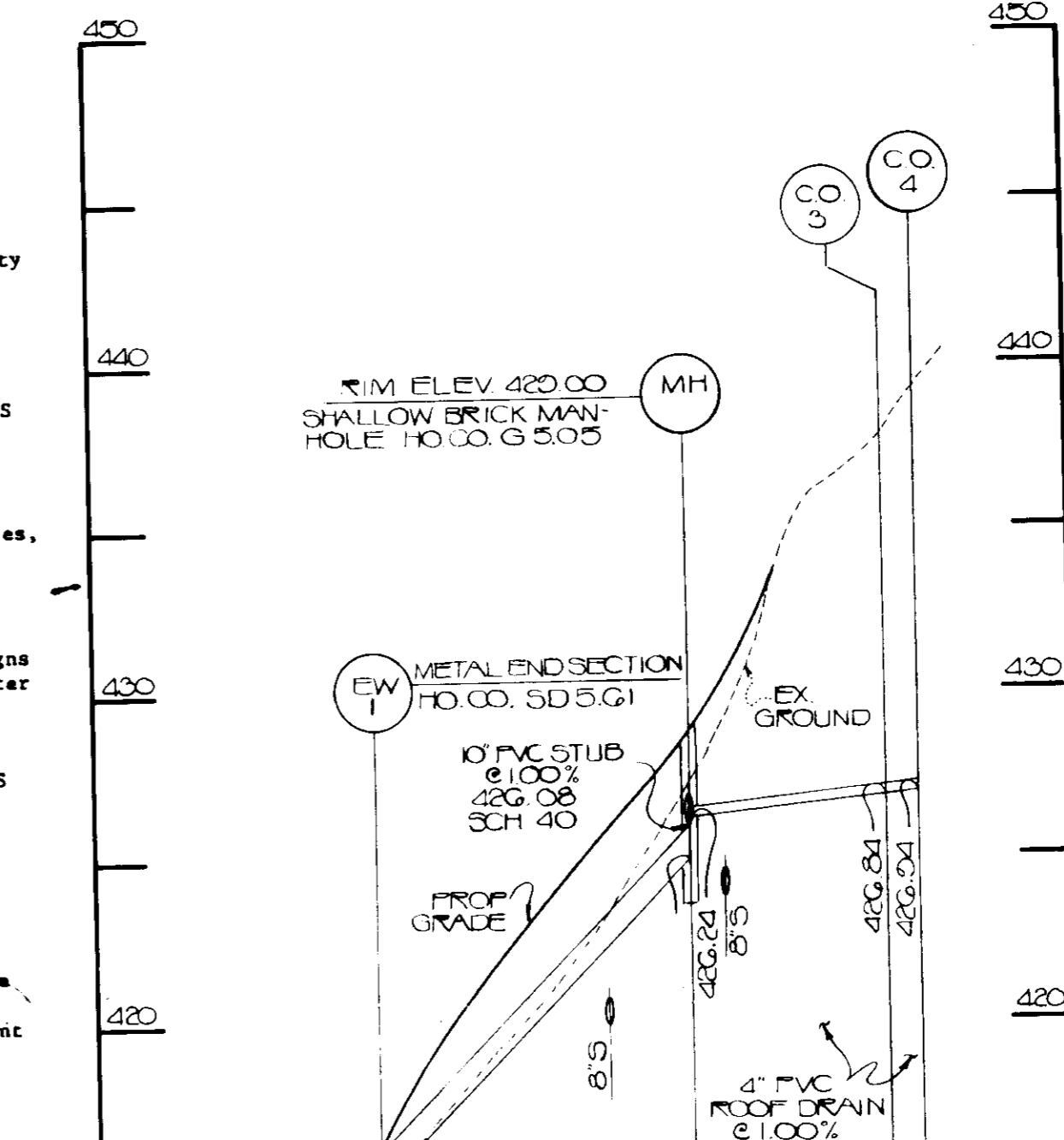
**Mulching -** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

**Maintenance -** Inspect all seeded areas and make needed repairs, replacements and reseeding.

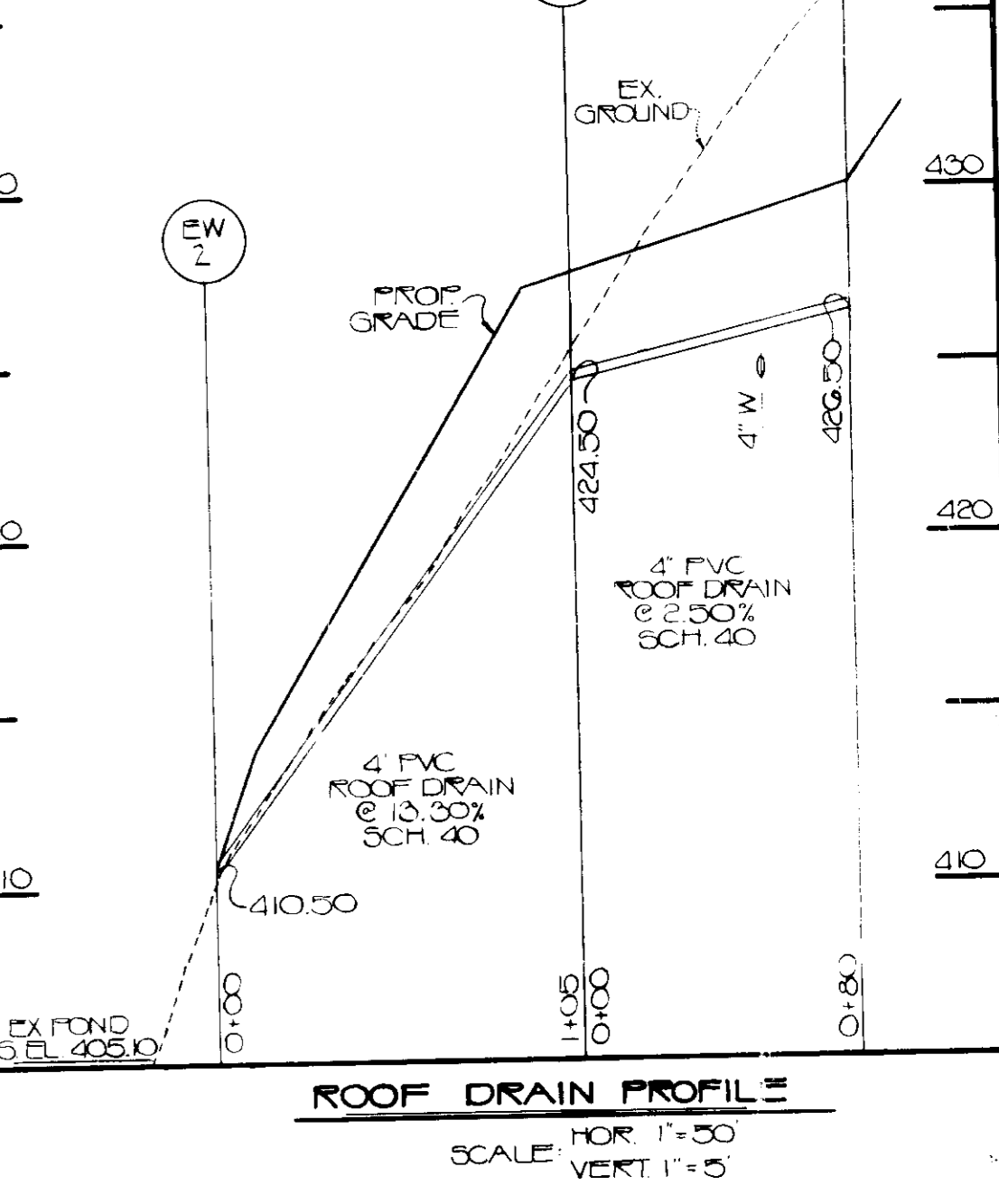
**SEDIMENT CONTROL NOTES**

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- 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.
- Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within:
  - 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1;
  - 14 days as to all other disturbed or graded areas on the project site.
- 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.
- 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) and 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.
- 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.
- Site Analysis:
 

Total Area of Site	N/A Acres
Area Disturbed	170 Acres
Area to be roofed or paved	0.80 Acres
Area to be vegetatively stabilized	0.00 Acres
Total Cut	0.00 Cu. Yds.
Total Fill	0.00 Cu. Yds.
Office waste/borrow area location	NOT KNOWN
- 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.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.



**ROOF DRAIN PROFILE**  
SCALE: HOR 1"=50' VERT 1"=5'



**ROOF DRAIN PROFILE**  
SCALE: HOR 1"=50' VERT 1"=5'

REVIEWED FOR HOWARD COUNTY S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

*James M. Smith* 12-10-87  
U.S. SOIL CONSERVATION SERVICE DATE

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

HOWARD S.C.D. DATE

**APPROVED PLANNING BOARD OF HOWARD COUNTY**

DATE: 12-9-87

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE, AND ROAD.

HOWARD CO. DEPT. OF PUBLIC WORKS

*James M. Smith* 12/10/87  
DIRECTOR DATE

*William J. P. ...* 12-10-87  
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS.

HOWARD COUNTY HEALTH DEPARTMENT

*James M. Smith* 12-10-87  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD CO. OFFICE OF PLANNING & ZONING

*James M. Smith* 12-16-87  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION. DATE

*William J. P. ...* 12-16-87  
PLANNING DIRECTOR DATE

BY THE ENGINEER:

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."

*Philip ...* 12/19/87  
SIGNATURE OF ENGINEER DATE

BY THE DEVELOPER:

"I HAVE CERTIFIED THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."

*James M. Smith* 10 DEC 1987  
SIGNATURE OF DEVELOPER DATE

OWNER/DEVELOPER  
HOWARD COMMUNITY COLLEGE  
LITTLE PATUXENT PARKWAY  
COLUMBIA, MARYLAND 21044 PH: 602-4800

PROJECT: HOWARD COMMUNITY COLLEGE  
**SEDIMENT CONTROL DETAILS & PROFILES**

5TH ELECTION DISTRICT  
OCTOBER 8, 1986 PARCEL 4730 TAX MAP 35

ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI  
CONSULTING ENGINEERS  
1850 YORK ROAD  
TIMONUM, MD. 21093  
(301) 252-6060

DESIGNED: AKT  
DRAWN: BW  
CHECKED: PD  
DATE: OCTOBER 8, 1986  
SCALE: N/A  
DRAWING NO. 5 OF 5

**SDP-87-95**