

SEDIMENT CONTROL NOTES

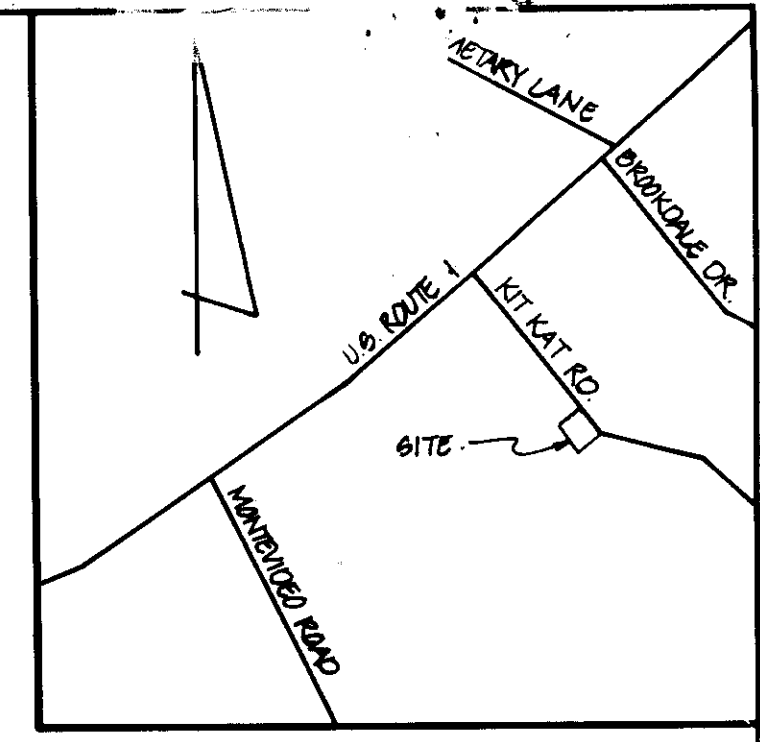
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS," PREPARED BY THE U.S.D.A. SOIL CONSERVATION SERVICE.
- APPLY FOR GRADING PERMIT.
- NOTIFY THE BUREAU OF LICENSE INSPECTIONS AND PERMITS 24 HRS. PRIOR TO GRADING OPERATIONS.
- CONSTRUCTION SHALL ADHERE TO THE CONSTRUCTION SEQUENCE.
- CUT AND FILL SLOPES SHALL BE 3:1 MAXIMUM.
- ELEVATIONS MARKED THUS (X) SHALL BE FINISHED GRADE.
- ANY EXCESS MATERIAL SHALL BE STOCKPILED IN A CLEARED LOCATION ON SITE WHICH IS PROTECTED BY SEDIMENT CONTROL STRUCTURE(S). MAXIMUM FILL SLOPE SHALL BE 3:1. STOCKPILED MATERIAL SHALL BE STABILIZED ACCORDING TO SEEDING SPECIFICATIONS BELOW.
- SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED ONLY WITH PERMISSION OF THE BUREAU OF LICENSE, INSPECTIONS AND PERMITS.
- STABILIZATION MEASURES
 TEMPORARY STABILIZATION:
 APPLY: 2000 LBS./AC. OR 46 LBS. OF PULVERIZED DOLOMIC LIMESTONE. 500 LBS./AC. OR 11.5 LBS./1000 SQ. FT. OF 10-10-10 FERTILIZER. PLANT WITH RYEGRASS AT 40 LBS./AC. MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING.
 PERMANENT STABILIZATION:
 APPLY: 2000 LBS./AC. OF PULVERIZED DOLOMIC LIMESTONE.
 500 LBS./AC. OF 10-10-10 FERTILIZER.
 SEED:
 85 LBS./AC. OF KENTUCKY 31 TALL FESCUE.
 40 LBS./AC. OF KENTUCKY BLUE GRASS.
 25 LBS./AC. OF ANNUAL RYEGRASS.
 NOTE: SEEDING MAY BE DONE BETWEEN MARCH 1 - MAY 1, OR AUG. 1 - OCT. 1 ONLY. MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING.
 MULCH: 2 TONS/AC. OF UNWEATHERED WHEATSTRAW. TIE MULCH DOWN WITH 480 GAL./AC. OF LIQUID ASPHALT.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1.
 - FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

CONSTRUCTION PHASING

- PHASE I**
- OBTAIN GRADING PERMIT
 - INSTALL TEMPORARY SEDIMENT CONTROL MEASURES (S.C.E. AND S.B.D) ALONG SOUTH PROPERTY LINE.
 - BUILD PAD FOR PROP. STORAGE BLDG. WITH MATERIAL BROUGHT FROM OFFSITE.
 - APPLY TEMPORARY STABILIZATION TO DISTURBED AREA.
 - MAINTAIN SEDIMENT CONTROL MEASURES.
- PHASE II**
- OBTAIN BUILDING PERMIT.
 - INSTALL TEMPORARY SEDIMENT CONTROL MEASURES.
 - OUTFILTRATION TRENCHES # 1 AND 2 TO PROPOSED GRADES AND USE AS TEMPORARY S.W.M. AND SEDIMENT BASINS.
 - ROUGH GRADE REMAINDER OF SITE. APPLY TEMPORARY STABILIZATION MEASURES.
 - STABILIZE DRIVEWAYS AND PARKING AREAS WITH BASE COURSE.
 - CONSTRUCT BUILDING. MAINTAIN SEDIMENT CONTROL MEASURES.
 - PAVE DRIVEWAYS AND PARKING AREAS.
 - FINE GRADE. APPLY PERMANENT STABILIZATION MEASURES.
 - CONVERT TEMPORARY S.W.M. AND SEDIMENT BASINS TO PERMANENT INFILTRATION TRENCHES BY: A) PUMP OUT ANY STANDING WATER ONTO STABILIZED OUTFALL; B) REMOVE ANY SEDIMENT AND DISPOSE OF ON A SITE WITH APPROVED SEDIMENT CONTROL; C) SHAPE TRENCHES TO DESIGNED SIZE AND INSTALL STONE.
 - REMOVE SEDIMENT CONTROL MEASURES WITH APPROVAL OF HO. CO. BUREAU OF LICENSE, INSPECTIONS AND PERMITS.
- PHASE III**
- OBTAIN GRADING PERMIT.
 - NOTIFY THE HO. CO. BUREAU OF LICENSE, INSPECTIONS AND PERMITS AND CONSTRUCTION INSPECTION SURVEYS DIVISION 24 HOURS PRIOR TO GRADING OPERATIONS.
 - INSTALL TEMPORARY SEDIMENT CONTROL MEASURES (S.C.E. AND S.B.D)
 - OUT INFILTRATION TRENCH #1 TO PROPOSED GRADE AND USE AS TEMPORARY S.W.M. AND SEDIMENT BASIN.
 - ROUGH GRADE FUTURE AREA. APPLY TEMPORARY STABILIZATION.
 - CONSTRUCT PAD FOR FUTURE BLDG. WITH ON-SITE MATERIAL, IF SUITABLE OR BORROW FROM OFFSITE.
 - STABILIZE FUTURE AREA TO BE PAVED WITH BASE COURSE.
 - CONSTRUCT BUILDING. MAINTAIN SEDIMENT CONTROL MEASURES.
 - PAVE FUTURE AREA TO BE PAVED.
 - FINE GRADE. APPLY PERMANENT STABILIZATION.
 - CONVERT TEMPORARY S.W.M. AND SEDIMENT BASIN TO PERMANENT INFILTRATION TRENCH BY: A) PUMP OUT ANY STANDING WATER ONTO STABILIZED OUTFALL; B) REMOVE ANY SEDIMENT AND DISPOSE OF ON A SITE WITH APPROVED SEDIMENT CONTROL; C) SHAPE TRENCH TO DESIGNED SIZE AND INSTALL STONE.
 - REMOVE TEMPORARY SEDIMENT CONTROL MEASURES WITH APPROVAL OF HO. CO. BUREAU OF LICENSE, INSPECTIONS AND PERMITS.

SITE ANALYSIS

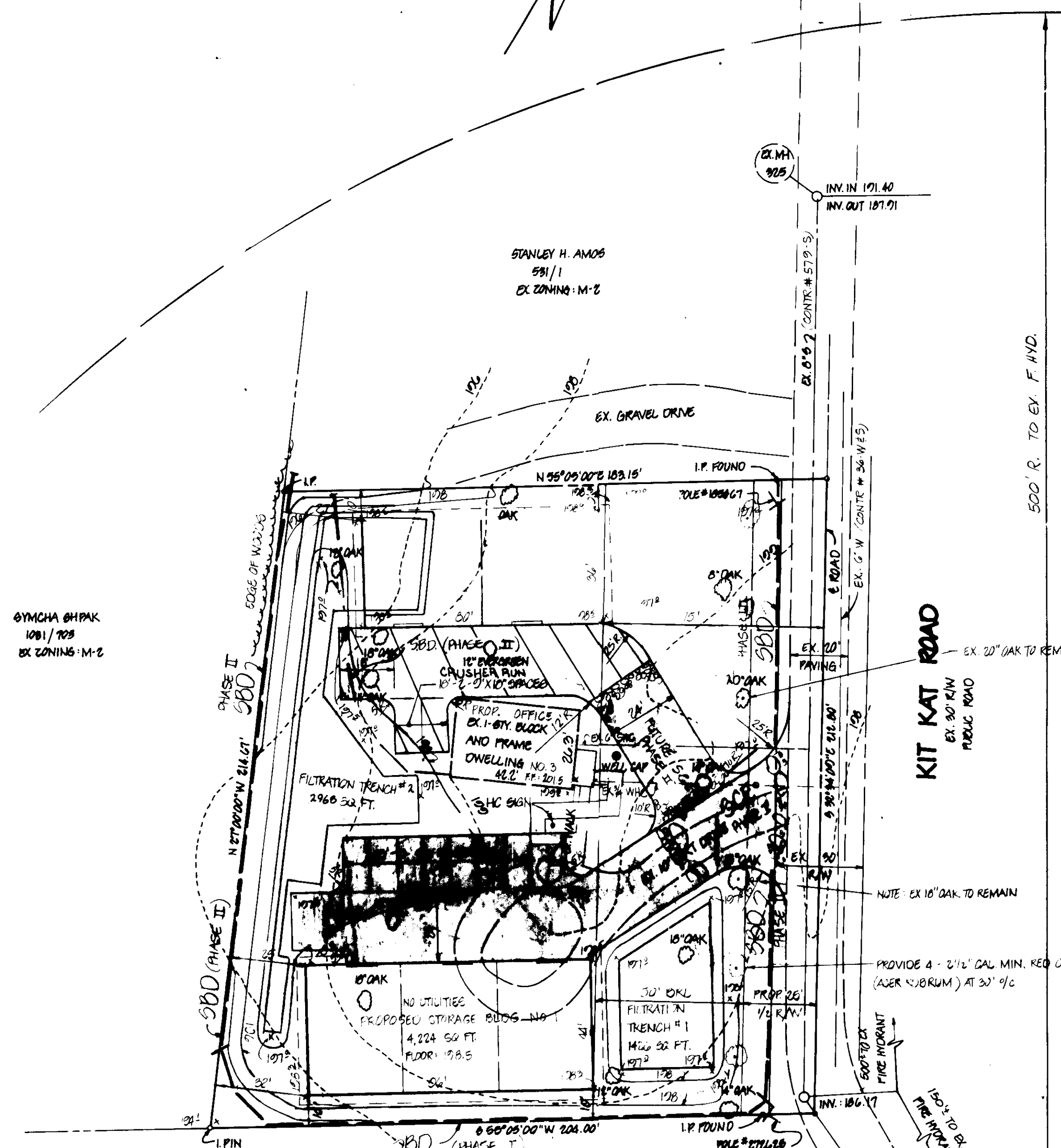
AREA OF SITE: 0.00 AC.
 AREA PAVED: 230 AC.
 AREA REVEGETATED: 0.54 AC.
 AREA DISTURBED: 0.834 AC.
 AREA UNDISTURBED: 0.527 AC.



VICINITY MAP
SCALE: 1" = 120'

GENERAL NOTES

- TAX MAP: 49; PARCEL: 95
- CREED REFERENCE: 1282/523
- VERTICAL DATUM SHOWN HEREON IS BASED ON HOWARD COUNTY DATUM.
- EX. ZONING: M-2
- SITE USE: DECK STORAGE
- TOTAL AREA OF SITE: 0.012 AC.
- BUILDING COVERAGE:
 - EXISTING: 110 SQ. FT.
 - PROPOSED: 4224 SQ. FT.
 - TOTAL: 5334 SQ. FT. OR .122 AC = 14.0%
- OPEN SPACE PROVIDED: 0.527 AC ± OR 60.44%
- PARKING TABULATION:
 - REQUIRED: 4224 SQ. FT. STORAGE = 5 SPACES
 - OFFICE SPACE: 4 EMPLOYEES: 0.7 = 9 SPACES PROVIDED: 10 SPACES INCLUDING 1 HANDICAPPED SPACE
- PUBLIC WATER AND PUBLIC SEWERAGE ARE TO BE UTILIZED.
- KIT KAT RD. IS AN EXISTING PUBLIC ROAD.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOL. II.
- CONTRACTOR TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.
- CONTRACTOR TO NOTIFY MISS UTILITY AT 1-800-908-3640 AT LEAST 5 DAYS PRIOR TO BEGINNING CONSTRUCTION.
- TODD SHOWN HEREON WAS FIELD RUN BY BOENDER ASSOCIATES, INC.
- PROPOSED STRUCTURES TO BE USED FOR STORAGE.
- EXISTING STRUCTURES TO BE USED AS AN OFFICE.
- THE NUMBER OF EMPLOYEES OR SITE USE SHALL NOT INCREASE OR CHANGE WITHOUT OFFICE OF PLANNING AND ZONING APPROVAL.



SYNGMA 01/PAK
10/1/85
EX. ZONING: M-2

STANLEY H. AMOS
581/1
EX. ZONING: M-2

NOTE: BLDG PAD TO EXTEND 2' AROUND PERIMETER OF BUILDINGS, AND 2' ± 4" FROM 12" FT. FROM BLDG., MINIMUM.

WELLA M. ROBERTO
10/1/87
EX. ZONING: M-2

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	<i>[Signature]</i> 1-29-85 DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.	<i>[Signature]</i> 1-31-85 DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.	<i>[Signature]</i> 1-30-85 DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.	<i>[Signature]</i> 1-21-85 DATE
REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.	<i>[Signature]</i> 1-28-85 DATE
U.S. SOIL CONSERVATION SERVICE	<i>[Signature]</i> 1/23/85 DATE
THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.	<i>[Signature]</i> 1/23/85 DATE

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 1-4-85

DEVELOPER'S CERTIFICATE
 I 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 INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.

[Signature] 10/26/89
 DATE

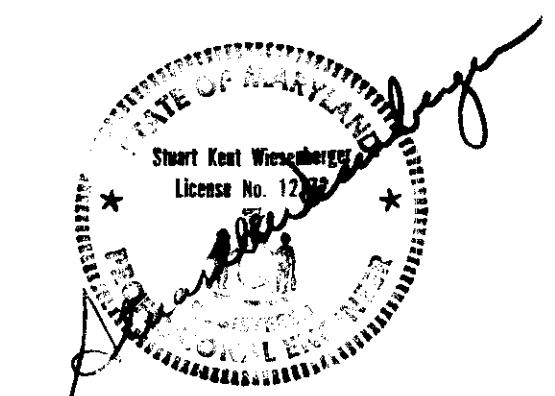
ENGINEER'S CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] 1/6/84
 DATE

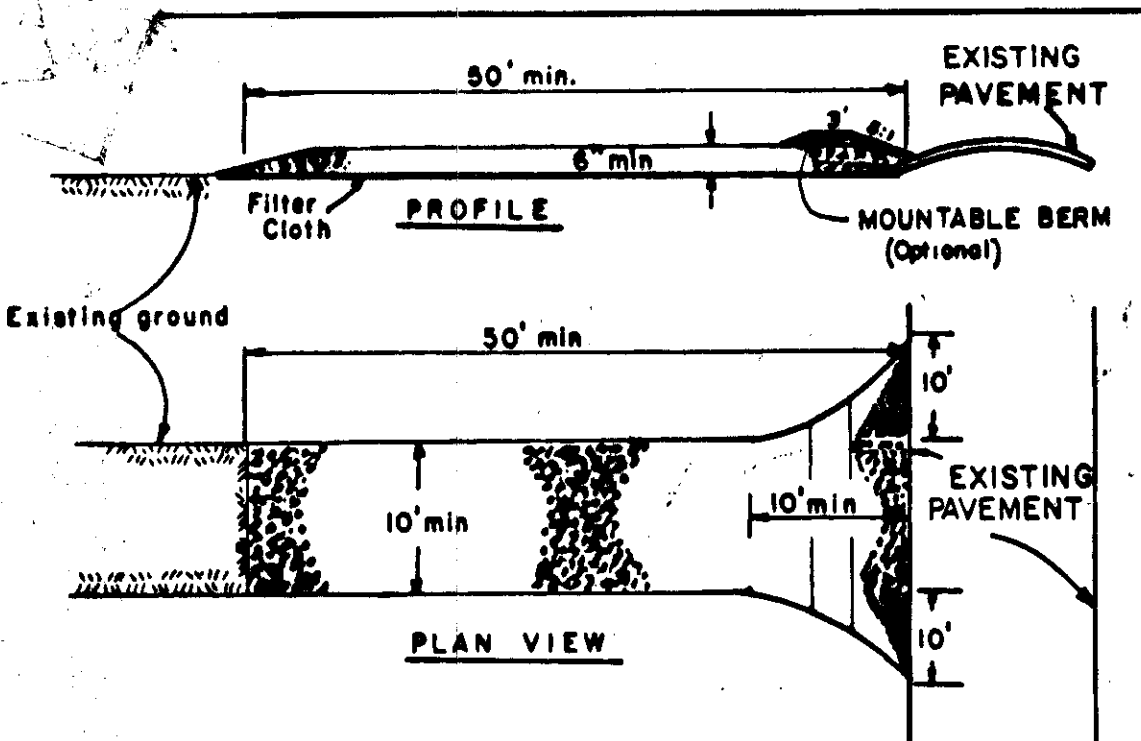


SUBDIVISION NAME TACYNEC PROPERTY		ACRES/AREA 49	SECTION/PARCEL # 95
PLAT #/BLK # 1206/903	BLK # 4	TAX/ZONE MAP/CELE. DIST. M-2 49 1 OT	CENSUS TR. 6016
ADDRESS CHART			
LOT NUMBER	STREET ADDRESS		
PARCEL 95	1006 KIT KAT ROAD		

TITLE SITE DEVELOPMENT PLAN	
PROJECT TACYNEC PROPERTY	
LOCATION 16T ELECTION DISTRICT	TAX MAP: 49 HOWARD COUNTY, MARYLAND
DATE OCTOBER, 1984	SCALE 1" = 30'
DESIGN BY JJD	DRAWN BY OMP
CHECKED BY 1 OF 2	JOB NO. 04821
boender associates engineers/surveyors/planners 9568 ELLICOTT MILLS DRIVE ELLICOTT CITY, MARYLAND 21043 301-465-7777	
AS-BUILT MAR. 3, 1992	SDP-85-83

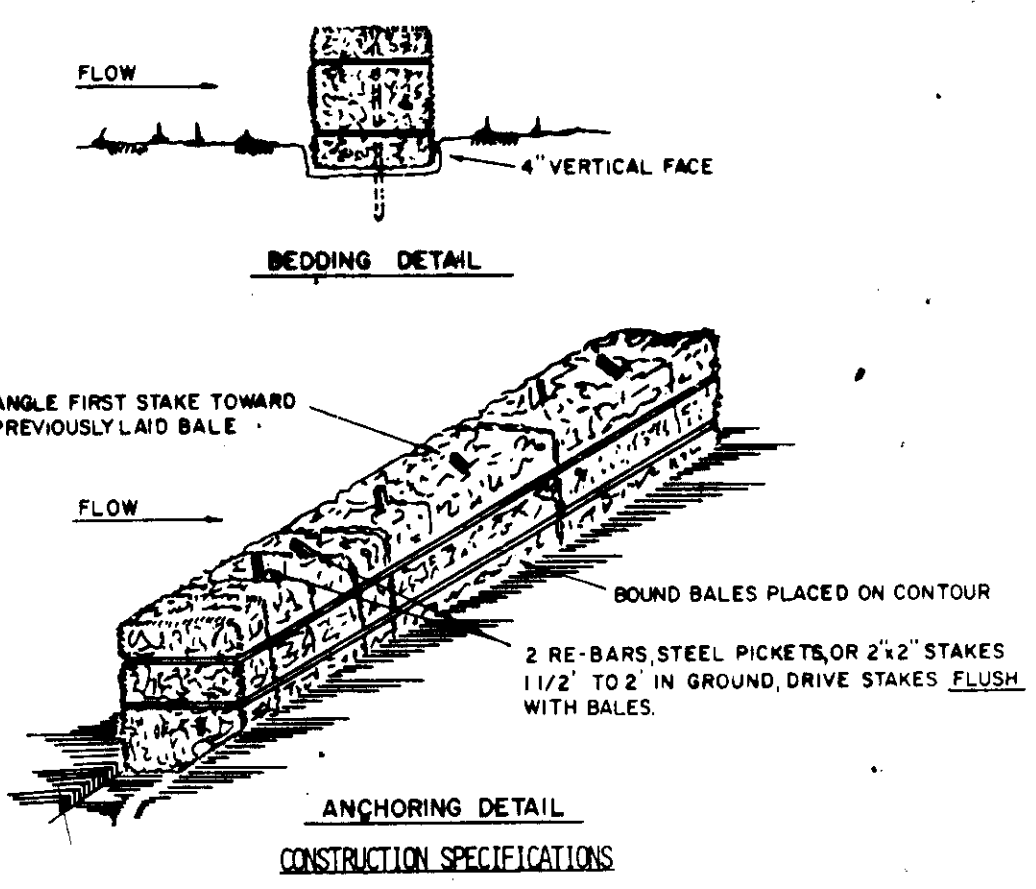


OWNER & DEVELOPER
 WILLIAM & NANCY TACYNEC
 1801 FOXGROVE CT.
 ANNAPOLIS, MD. 21401



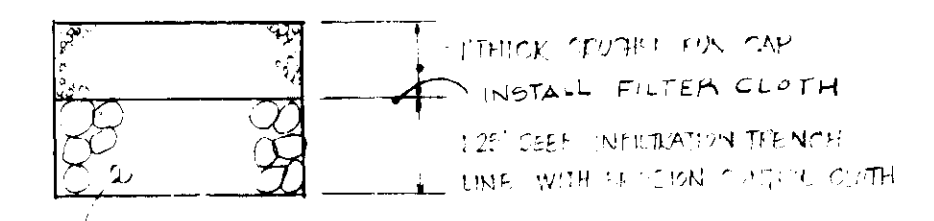
- CONSTRUCTION SPECIFICATIONS**
1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
 3. Thickness - Not less than six (6) inches.
 4. Width - Ten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

STABILIZED CONSTRUCTION ENTRANCE -S.C.E.
NOT TO SCALE
SEE S.C.C. MANUAL PG. 14.01

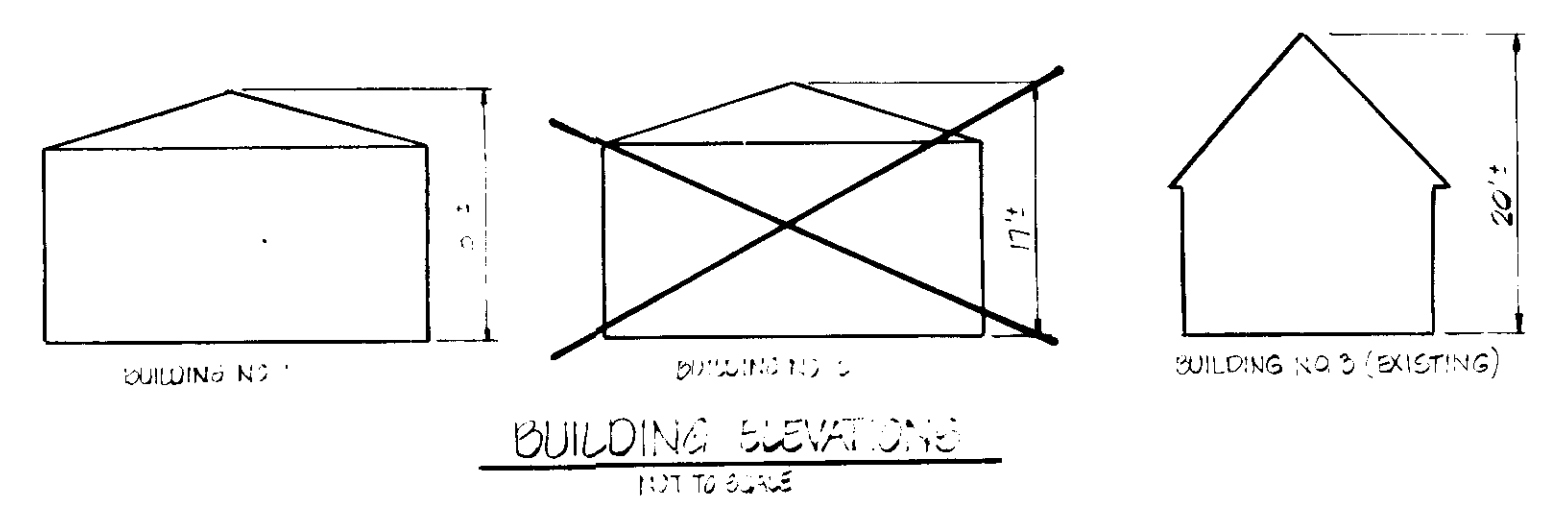


- CONSTRUCTION SPECIFICATIONS**
1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ADJUTING THE ADJACENT BALES.
 2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
 3. BALES SHALL BE SECURELY ANCHORED 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.

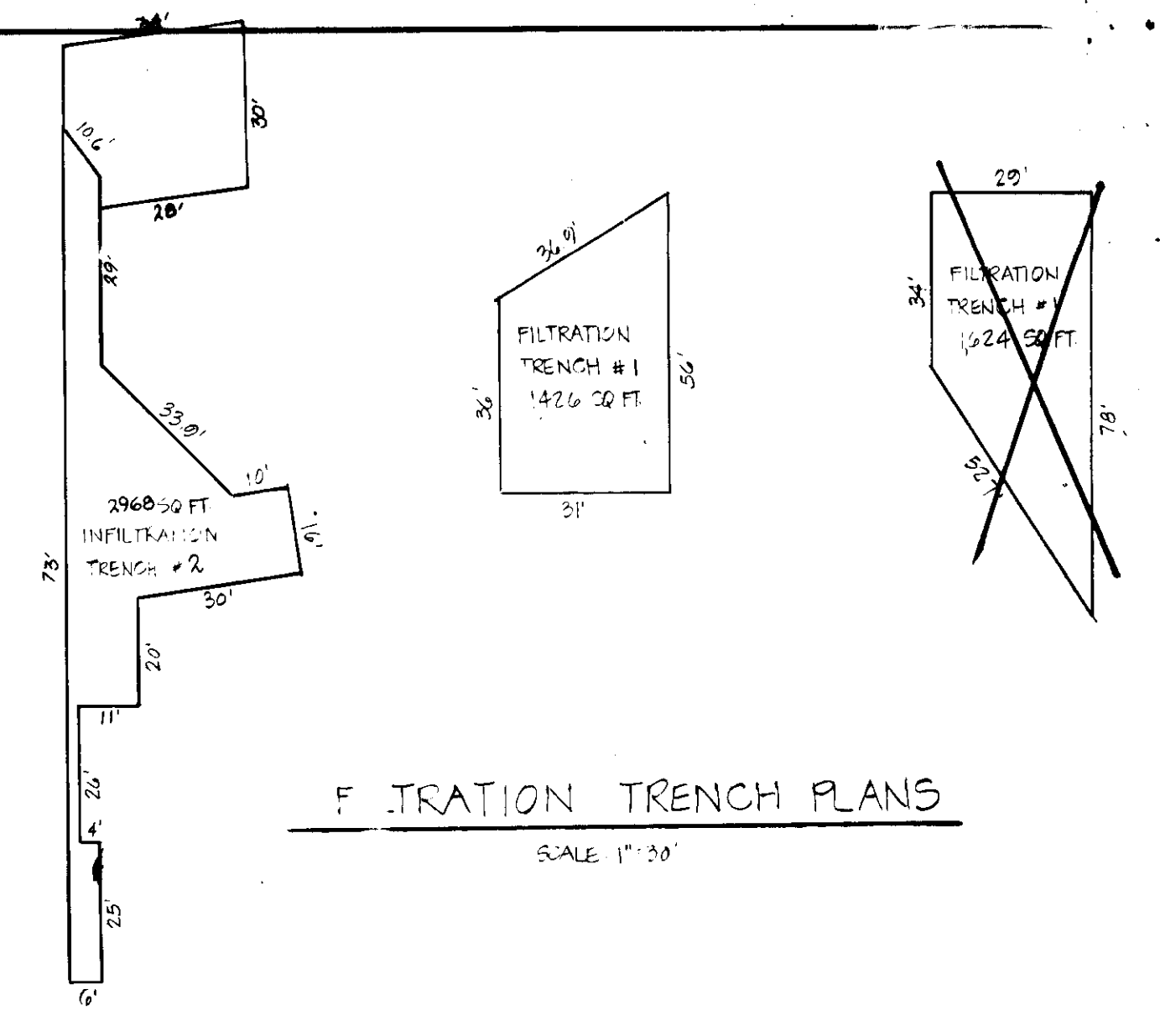
STRAW BALE DIKE -S.B.D.
NOT TO SCALE
SEE S.C.C. MANUAL PG. 11.01



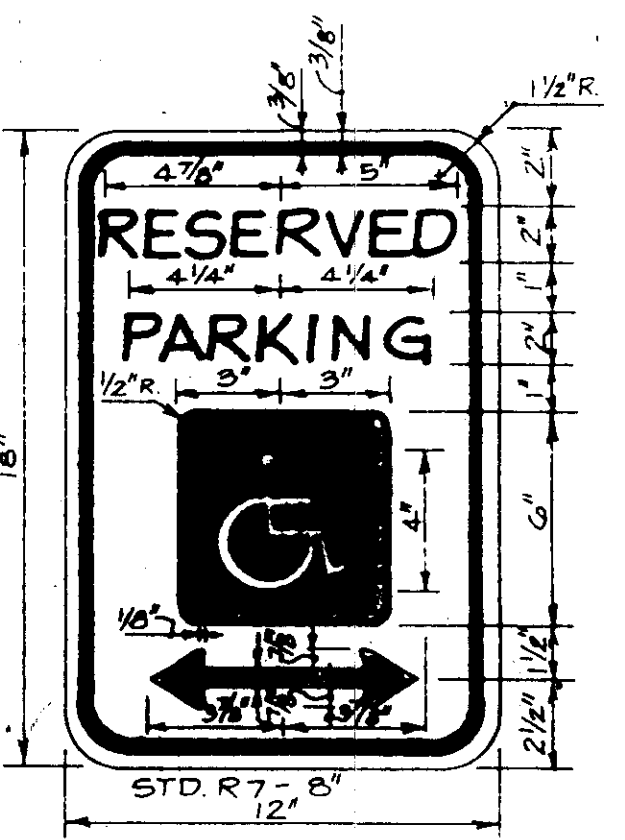
SECTION THROUGH INFILTRATION TRENCH
NOT TO SCALE



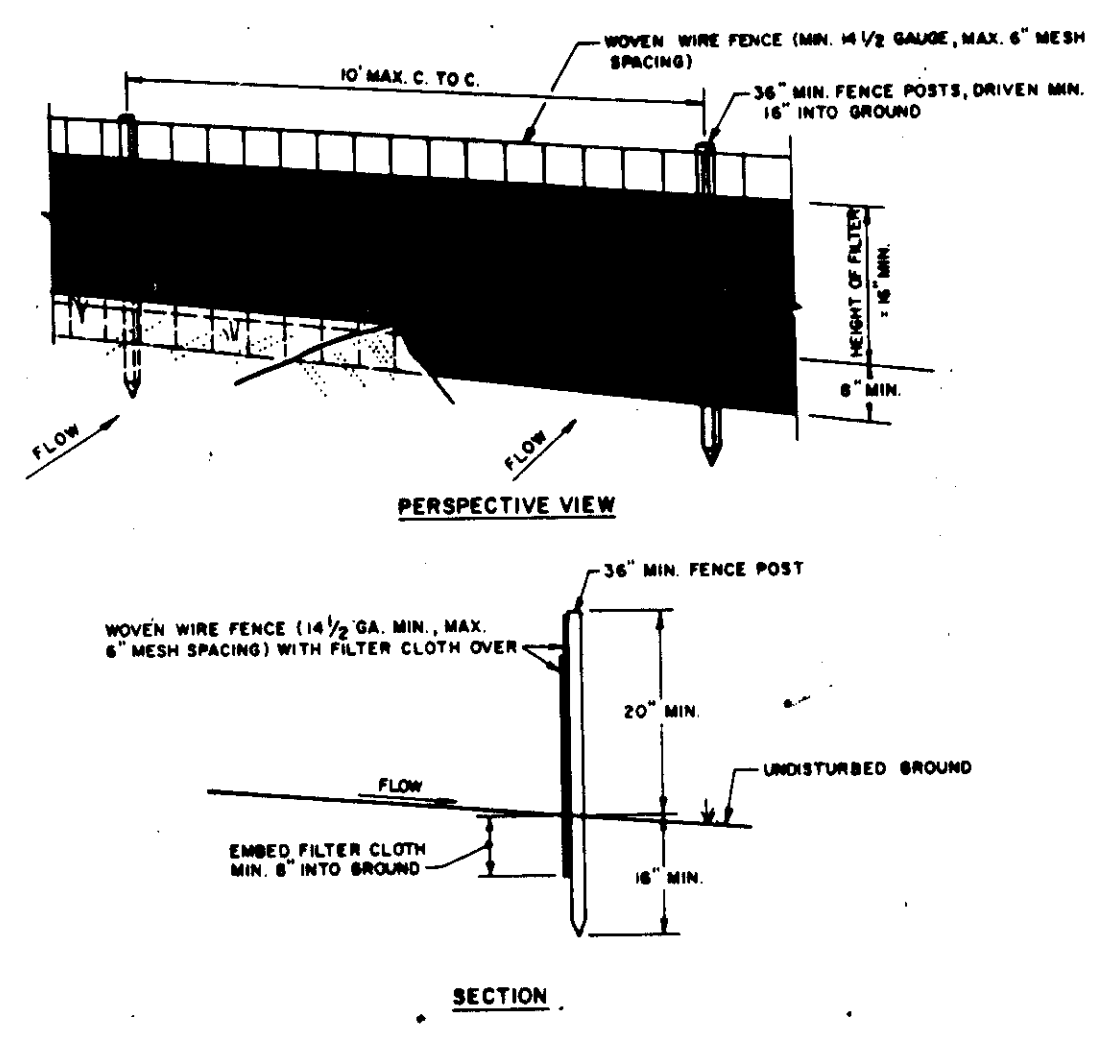
BUILDING ELEVATIONS
NOT TO SCALE



FILTRATION TRENCH PLANS
SCALE 1"=50'



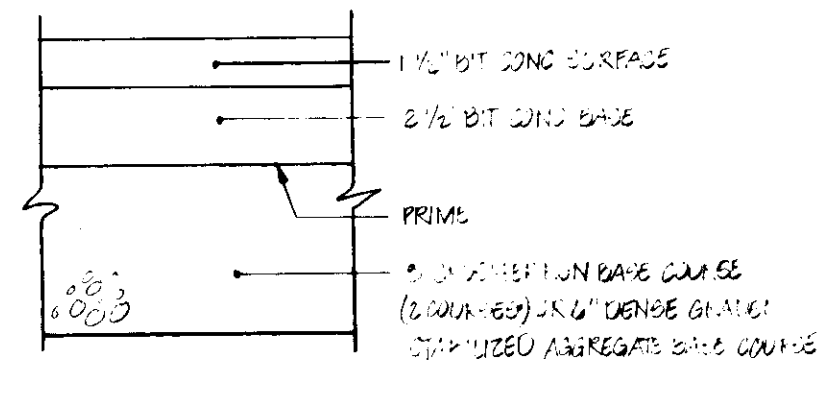
HANDICAPPED PARKING SIGN
NOT TO SCALE



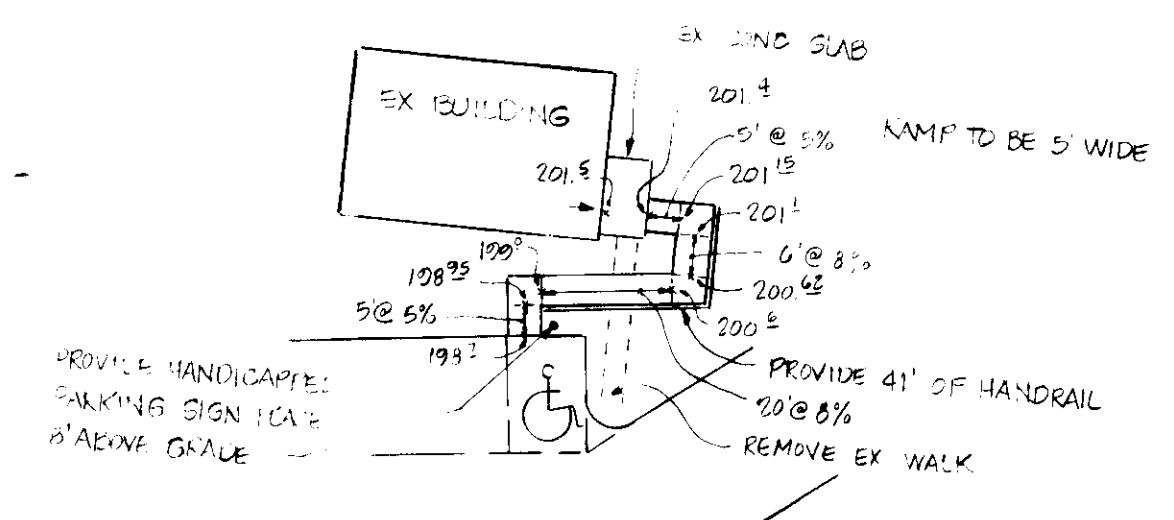
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

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 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.

SILT FENCE -S.F.
NOT TO SCALE
SEE S.C.C. MANUAL PG. 2.01



PAVING SECTION DETAIL -P.C.
NOT TO SCALE
SEE S.C.C. MANUAL PG. 10.01

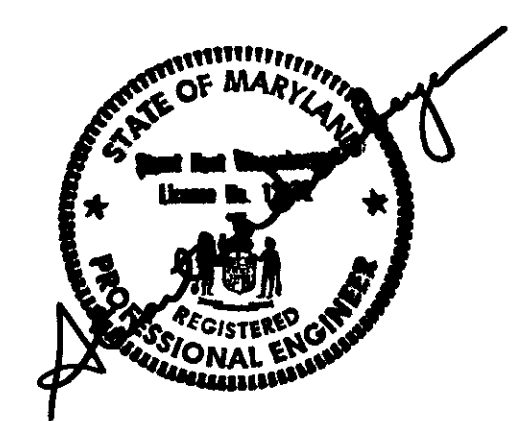


HANDICAPPED ACCESS TO EX. BLDG
SCALE 1"=30'

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT. <i>James R. Johnson</i> 1-29-85 COUNTY HEALTH OFFICER DATE	APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING. <i>John W. MacArthur</i> 1-30-85 PLANNING DIRECTOR DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. <i>John F. Nunnery</i> 1-21-85 DIRECTOR DATE	REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS. <i>James M. Roberts</i> 1/23/85 U.S. SOIL CONSERVATION SERVICE DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT. <i>Stephen L. Hulib</i> 1/23/85 SOIL CONSERVATION DISTRICT DATE	THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER'S CERTIFICATE	
I 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 INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.	
<i>James R. Johnson</i> (Agent) DEVELOPER DATE 10/26/84	
ENGINEER'S CERTIFICATE	
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.	
<i>William A. Mantel</i> PLS 94% ENGINEER DATE 10/26/84	

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 1-4-85
John J. Johnson



OWNER & DEVELOPER
WILLIAM & NANCY TACYNEC
1837 FOXCROFT CT.
ANNAPOLIS, MD. 21401

TITLE DETAILS						
PROJECT TACYNEC PROPERTY						
LOCATION 1ST ELECTION DISTRICT TAX MAP 49 HOWARD COUNTY, MARYLAND						
DATE OCTOBER, 1984	SCALE AS SHOWN	DIVISION BY JJB	DRAWN BY JJB	CHECKED BY JJB	DRAWING NO. 2 OF 2	JOB NO. 84261
boender associates 9505 ELLICOTT MILLS DRIVE ELLICOTT CITY, MARYLAND 21043 301 465-7777				engineers surveyors planners		