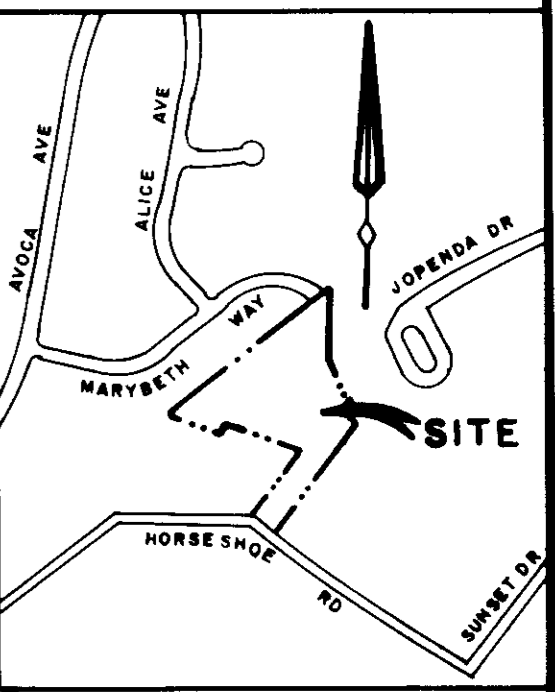
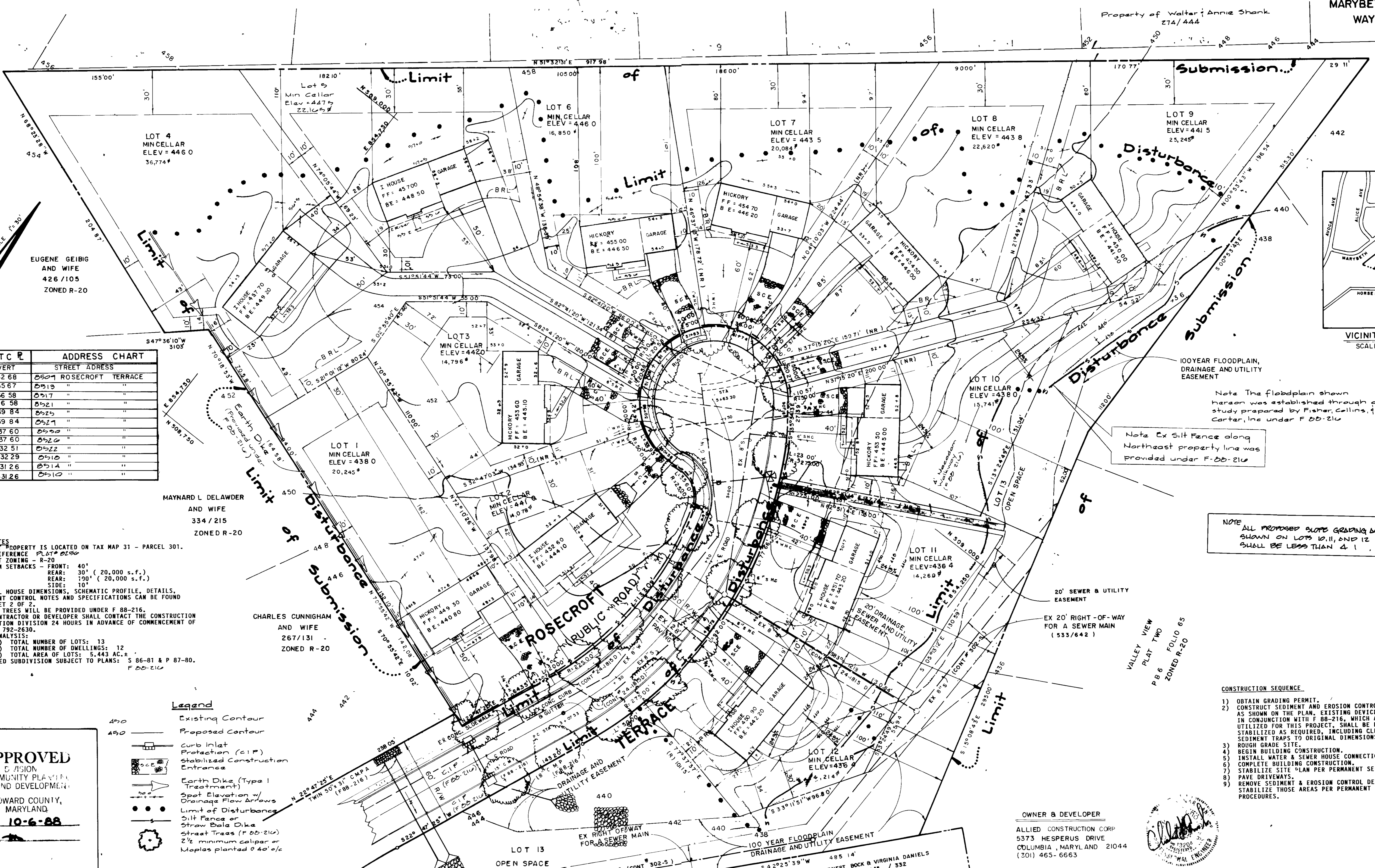


Property of Walter & Annie Shank
Z14/444



VICINITY MAP
SCALE 1"=800'

SHC INVERT	ADDRESS CHART
LOT	STREET ADDRESS
1	432 68
2	435 67
3	436 58
4	436 58
5	439 84
6	439 84
7	437 60
8	437 60
9	432 51
10	432 29
11	431 26
12	431 26

- GENERAL NOTES**
- SUBJECT PROPERTY IS LOCATED ON TAX MAP 31 - PARCEL 301.
 - PLAT REFERENCE: PLAT # 08-216
 - PRESENT ZONING - R-20
 - MINIMUM SETBACKS - FRONT: 40' REAR: 30' (20,000 s.f.) SIDE: 10'
 - TYPICAL HOUSE DIMENSIONS, SCHEMATIC PROFILE, DETAILS, SEDIMENT CONTROL NOTES AND SPECIFICATIONS CAN BE FOUND ON SHEET 2 OF 2.
 - STREET TREES WILL BE PROVIDED UNDER F 88-216.
 - THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK @ 792-2630.
 - SITE ANALYSIS:
 - A) TOTAL NUMBER OF LOTS: 13
 - B) TOTAL NUMBER OF DWELLINGS: 12
 - C) TOTAL AREA OF LOTS: 5,443 AC.±
 - PROPOSED SUBDIVISION SUBJECT TO PLANS: S 86-81 & P 87-80. F 88-216

- Legend**
- Existing Contour
 - Proposed Contour
 - Curb Inlet
 - Protection (CIP)
 - Stabilized Construction Entrance
 - Earth Dike (Type 1 Treatment)
 - Spot Elevation w/ Drainage Flow Arrows
 - Limit of Disturbance
 - Silt Fence or Straw Bale Dike
 - Street Trees (F 88-216)
 - 2 1/2" minimum caliper or Maples planted @ 40' o/c

APPROVED
DIVISION
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY,
MARYLAND
DATE 10-6-88

Note The floodplain shown hereon was established through a study prepared by Fisher, Collins, & Carter, Inc under F 88-216

Note Ex Silt Fence along Northeast property line was provided under F 88-216

NOTE ALL PROPOSED SLOPE GRADING AS SHOWN ON LOTS 10, 11, AND 12 SHALL BE LESS THAN 4:1

- CONSTRUCTION SEQUENCE**
- OBTAIN GRADING PERMIT.
 - CONSTRUCT SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON THE PLAN. EXISTING DEVICES CONSTRUCTED IN CONJUNCTION WITH F 88-216, WHICH ARE TO BE UTILIZED FOR THIS PROJECT, SHALL BE REPAIRED & STABILIZED AS REQUIRED, INCLUDING CLEANOUT OF SEDIMENT TRAPS TO ORIGINAL DIMENSIONS.
 - ROUGH GRADE SITE.
 - BEGIN BUILDING CONSTRUCTION.
 - INSTALL WATER & SEWER CONNECTIONS.
 - COMPLETE BUILDING CONSTRUCTION.
 - STABILIZE SITE PLAN PER PERMANENT SEEDING PROCEDURES.
 - PAVE DRIVEWAYS.
 - REMOVE SEDIMENT & EROSION CONTROL DEVICES AND STABILIZE THOSE AREAS PER PERMANENT SEEDING PROCEDURES.

OWNER & DEVELOPER
ALLIED CONSTRUCTION CORP
5373 HESPERUS DRIVE
COLUMBIA, MARYLAND 21044
(301) 465-6663

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 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
DATE 3/17/89

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 ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Signature
DATE 3/17/89

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Signature 3/29/89
DATE

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

Signature 3/28/89
DATE

APPROVED OFFICE OF PLANNING AND ZONING

Signature 4.27.89
DATE

PLANNING DIRECTOR

Signature 4-27-89
DATE

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

Signature 4/12/89
DATE

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

Signature 4-16-89
DATE

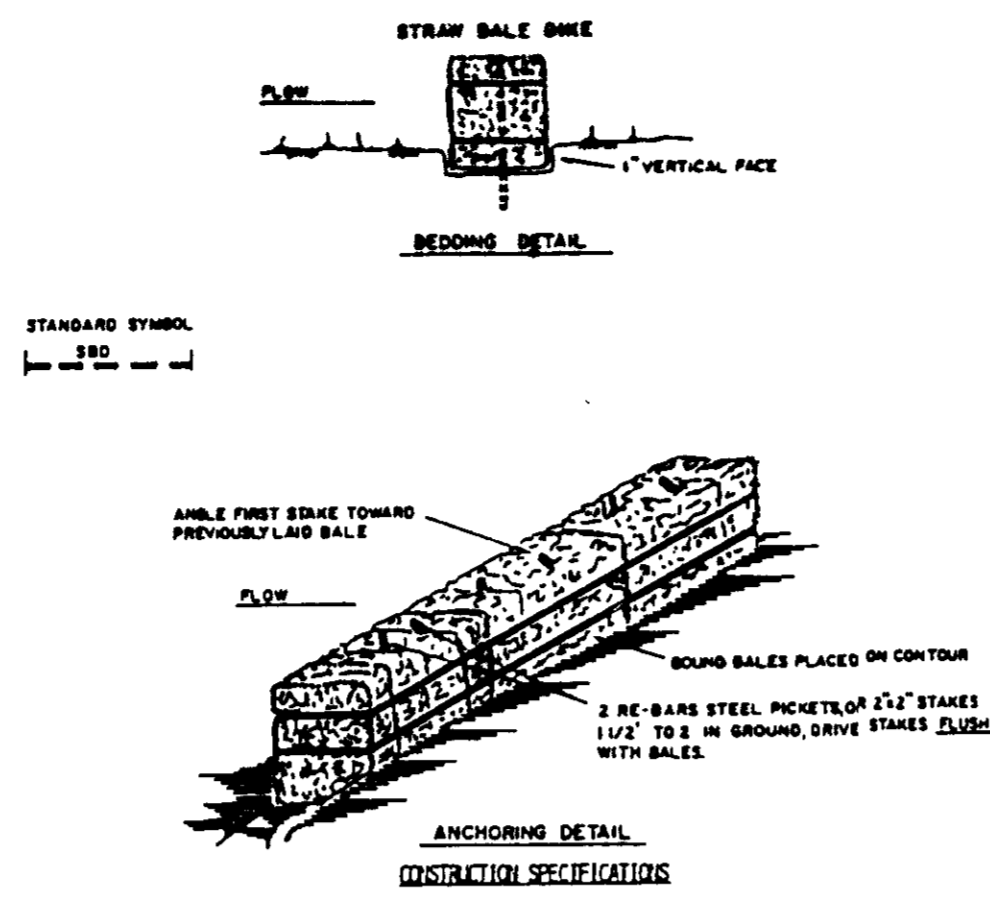
DIRECTOR, PUBLIC WORKS

Signature 4-16-89
DATE

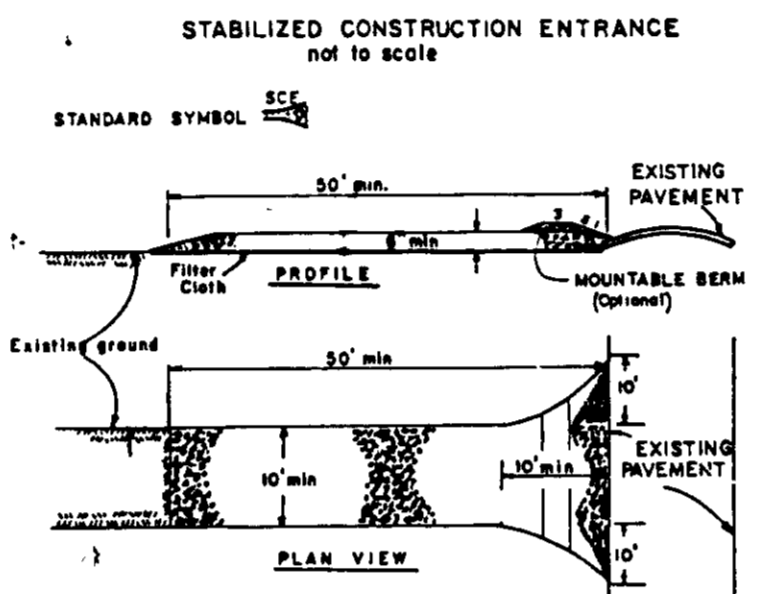
CHIEF, BUREAU OF ENGINEERING

PROPERTY/SUBDIVISION: SADDLE RIDGE
SECTION/AREA: LOTS 1-13
PLAT NO./L/F: 0250/13
BLOCK NO./ZONE: 13/R20
TAX/ZONE: 31
ELEC. DIST: 2nd
CENSUS TR: G020 02
WATER CODE: 601
SEWER CODE: 5750887

SITE DEVELOPMENT PLAN
SADDLE RIDGE
LOTS 1-13
2ND ELECTION DISTRICT SCALE: 1"=30'
HOWARD COUNTY, MARYLAND AUG. 26. 88
TAX. MAP 31 PARCEL 301
SHEET 1 OF 2
SOP-89-55



1. Bales shall be placed at the toe of a slope or on the contour and in a row with bales tightly abutting the adjacent bales.
2. Each bale shall be embedded in the soil a minimum of (6) 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 provided 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 plain or drainage.



1. Stone Size - One (1) stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 30 feet (except on a single residential lot where a 20 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Two (2) feet minimum, but not less than the full width at points where access or egress is required.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth will be replaced on a single family residential lot.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 8:1 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 watering or cleaning with additional stone as conditions demand and regular assessment of any measure used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing - Entrances 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 furnished with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be approved after each rain.

PERMANENT SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS DESIRED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (80 LBS/1000 SQ. FT.) AND 500 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING.
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (80 LBS/1000 SQ. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. NARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 40 LBS PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.02 LBS/1000 SQ. FT.) OF WHEATGRASS. DURING THE PERIOD OF OCTOBER 15 THRU FEBRUARY 15, PROJECT SITE BY OPTION (1) 2 TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE FESCUE AND MULCH WITH 2 TONS/ACRE WILL ANCHORED STRAW MULCH. OPTION (2) USE SOIL. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WILL ANCHORED STRAW MULCH. OR UNROTTED SMALL BRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GAL 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.

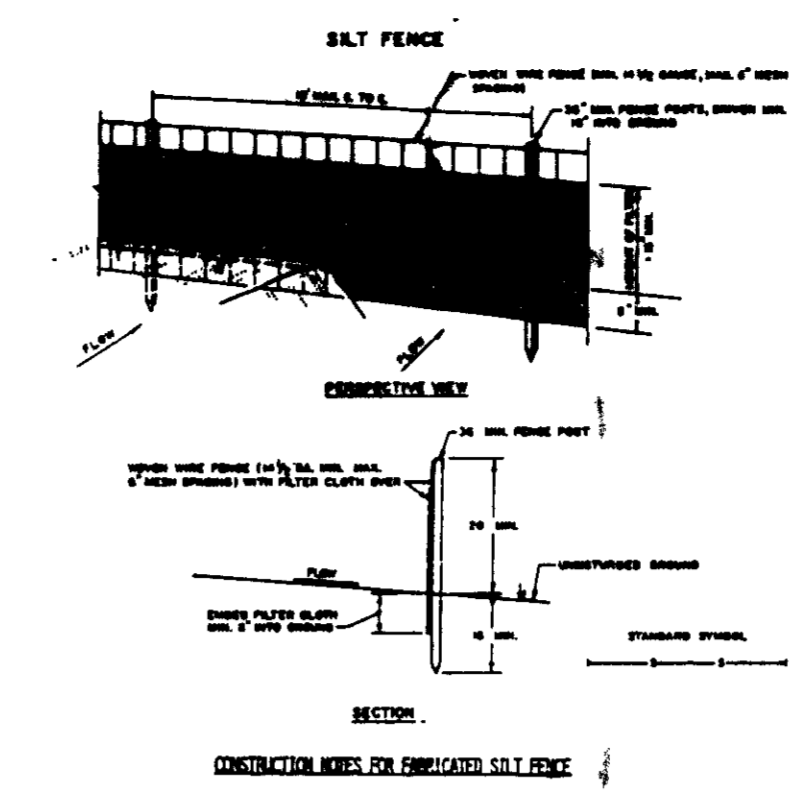
TEMPORARY SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS DESIRED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS APPLY 500 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING.

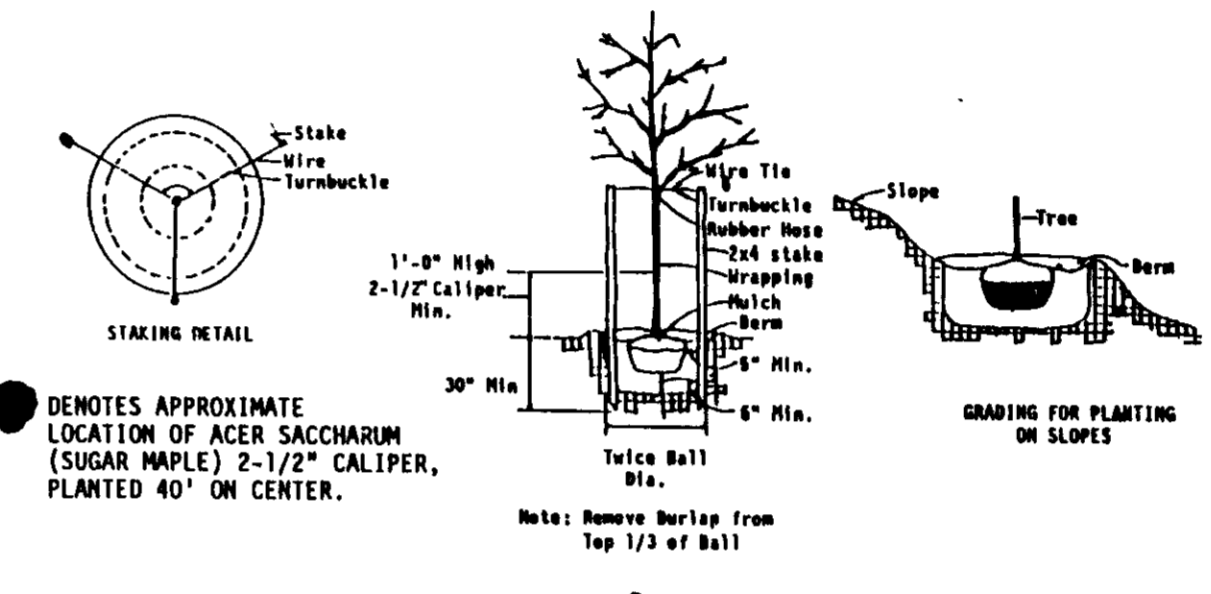
SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 30, SEED WITH 2 1/2 TONS PER ACRE OF ANNUAL RYE (2.2 LBS/1000 SQ. FT.). FOR PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WHEATGRASS (.07 LBS/1000 SQ. FT.). FOR PERIOD NOVEMBER 15 THRU FEBRUARY 28, PROJECT SITE BY APPLYING 2 TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOIL.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL BRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 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.

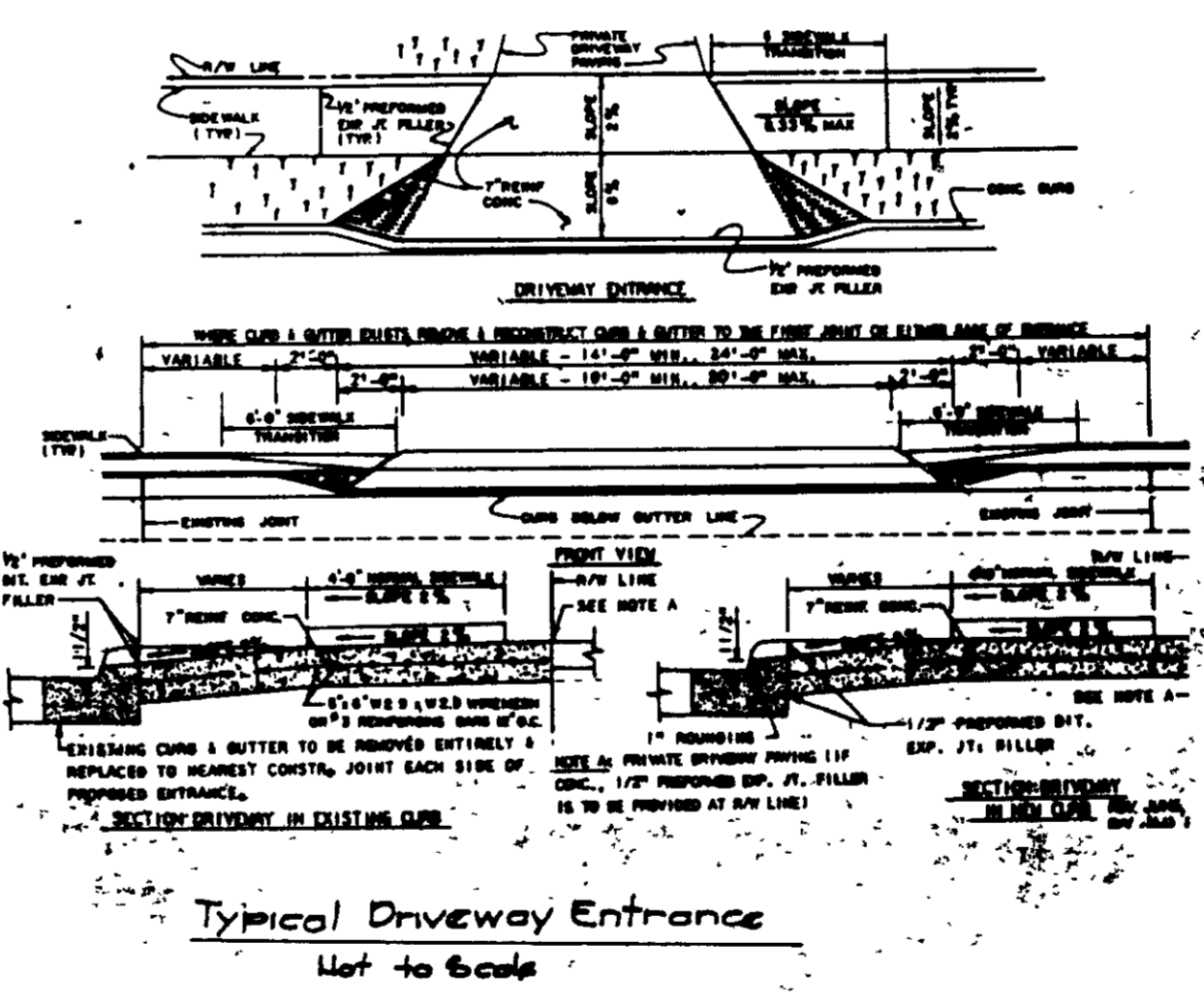


1. MOVE WIRE FENCE TO BE INSTALLED REGULARLY TO FENCE PORTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE PLACED REGULARLY TO FENCE PORTS WITH WIRE TIES OR STAPLES.
3. HOLE IN SECTION OF FILTER CLOTH (HOLE) SHALL BE COVERED BY SIX INCHES AND PLACED.
4. REPAIRS SHALL BE PROVIDED AS NEEDED TO MAINTAIN PROPER SALT FENCE DEVELOP IN THE SALT FENCE.



Tree Planting Detail
 Not to Scale

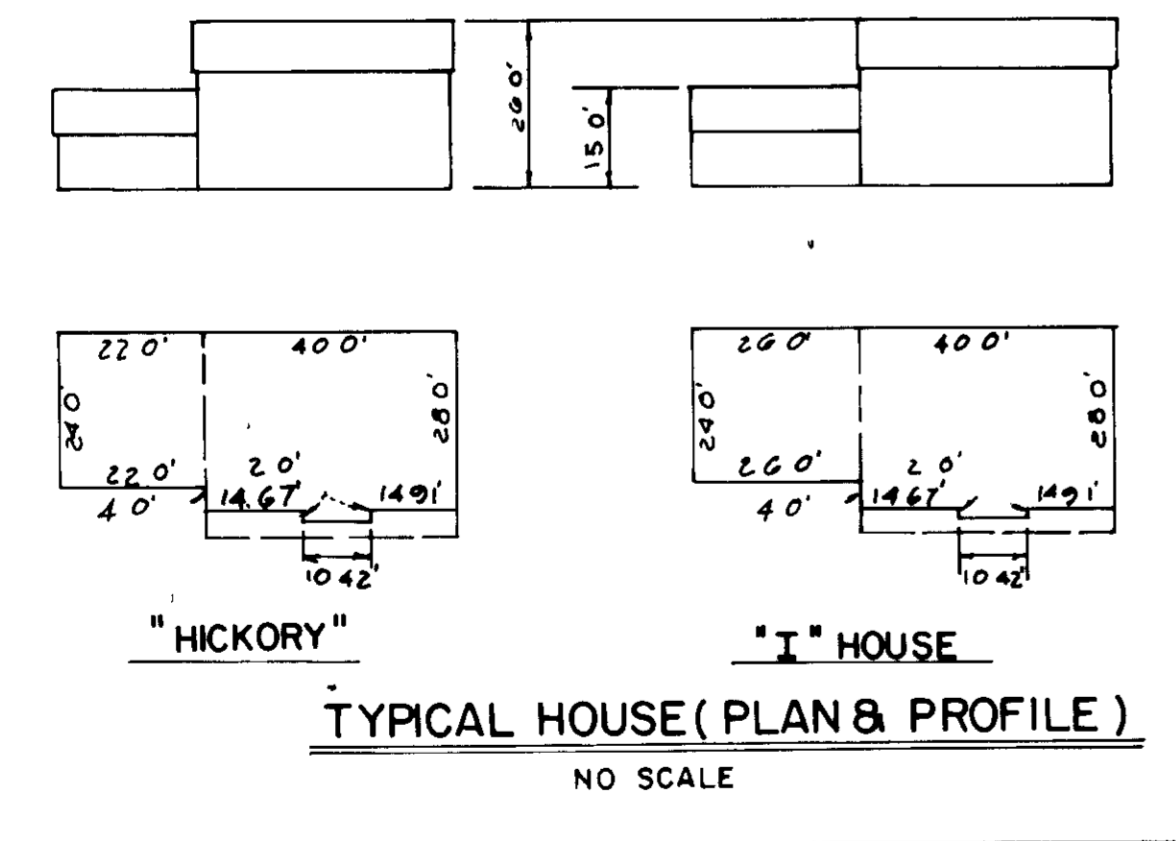
NOTE: CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES PRIOR TO DIGGING FINAL LOCATIONS OF TREES MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE FIELD CONDITIONS. PLANTING PROCEDURES SHALL COMPLY WITH "LANDSCAPE SPECIFICATIONS FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS". SUBSTITUTIONS TO THE ABOVE SPECIES MAY BE PERMITTED, PROVIDED THAT THE PLANTING IS IN ACCORDANCE WITH THE STREET TREE AND LANDSCAPE REQUIREMENTS AS SPECIFIED IN SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS.



Typical Driveway Entrance
 Not to Scale

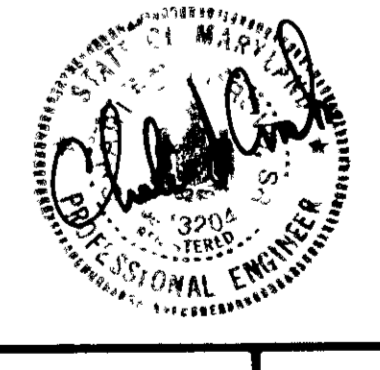
LOT NO. STREET ADDRESS ADDRESS CHART

APPROVED
 DIVISION OF
 COMMUNITY PLANNING
 & LAND DEVELOPMENT
 HOWARD COUNTY,
 MARYLAND
 DATE 10-6-88



"HICKORY" "I" HOUSE
 TYPICAL HOUSE (PLAN & PROFILE)
 NO SCALE

OWNER & DEVELOPER
 ALLIED CONSTRUCTION CORP
 5373 HESPERUS DRIVE
 COLUMBIA, MARYLAND 21044
 (301) 465-6663



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 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 COUNTY SOIL CONSERVATION DISTRICT

Signature: Charles J. Fisher
 Date: 10/6/88

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 ONSITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Signature: [Signature]
 Date: 3/12/89

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND METS TECHNICAL REQUIREMENTS
 Signature: [Signature]
 Date: 3/29/89
 SOIL CONSERVATION SERVICE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 Signature: [Signature]
 Date: 3/28/89
 DISTRICT APPROVED
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED OFFICE OF PLANNING AND ZONING
 Signature: [Signature]
 Date: 4-17-89
 PLANNING DIRECTOR

Signature: [Signature]
 Date: 7/10/89
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS
 Signature: [Signature]
 Date: 4/13/89
 HEALTH OFFICER

APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS
 Signature: [Signature]
 Date: 4/10/89
 DIRECTOR, PUBLIC WORKS

Signature: [Signature]
 Date: 4-10-89
 CHIEF, BUREAU OF ENGINEERING

PROPERTY/SUBDIVISION: SADDLE RIDGE
 SECTION/AREA: [Blank]
 PARCEL/LOT NO: LOTS 1-13

PLAT NO./L/F: 0206
 BLOCK NO: 12
 ZONE: R-20
 TAX/ZONE: 31
 ELEC. DIST: 2
 CENSUS TR: 025
 WATER CODE: G01
 SEWER CODE: 5750687

SITE DEVELOPMENT PLAN
SADDLE RIDGE
 LOTS 1-13
 2ND ELECTION DISTRICT SCALE: 1"=30'
 HOWARD COUNTY, MARYLAND AUG. 26.88
 TAX MAP 31 PARCEL 301
 SHEET 2 OF 2
 301-89-88