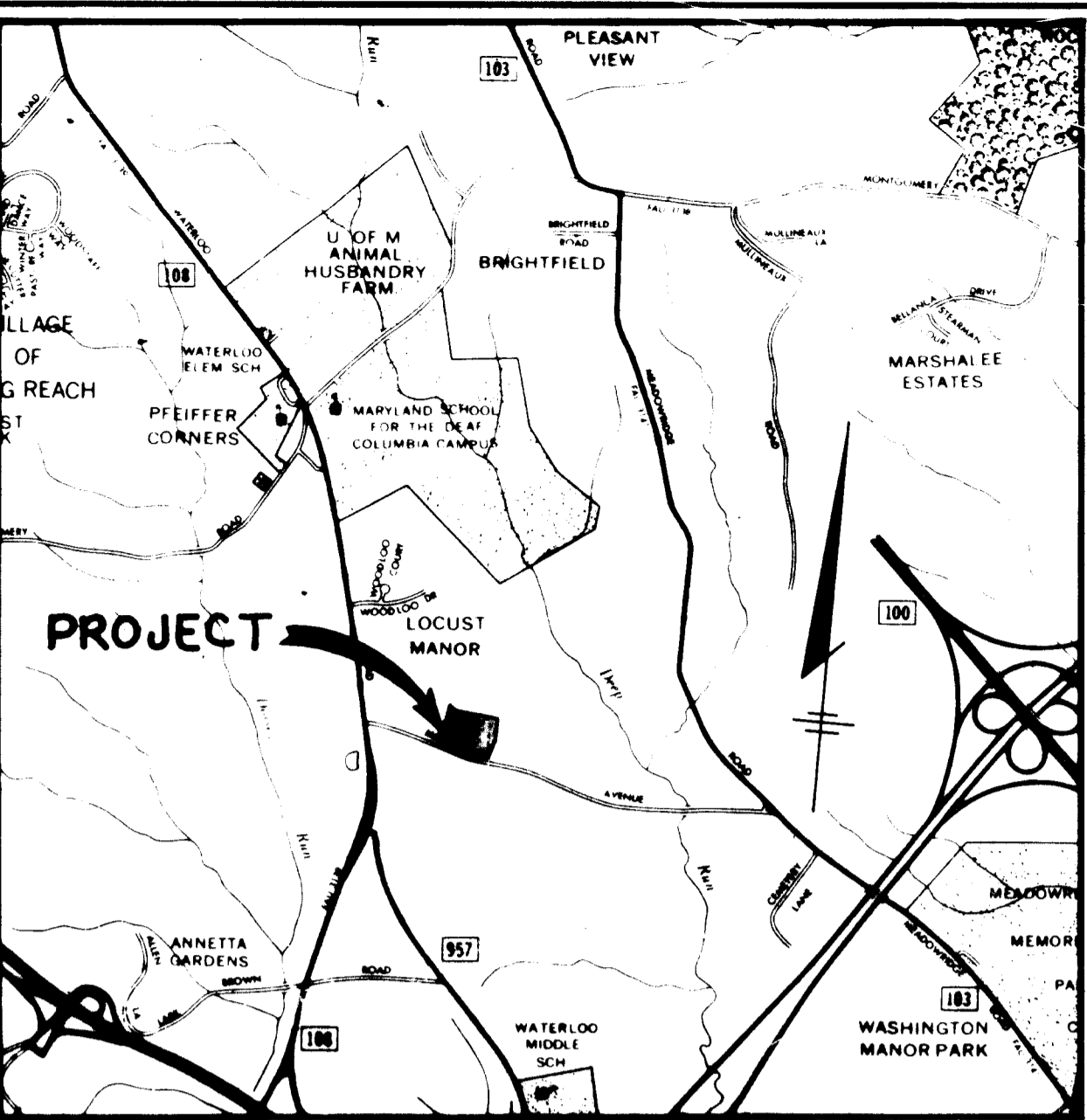
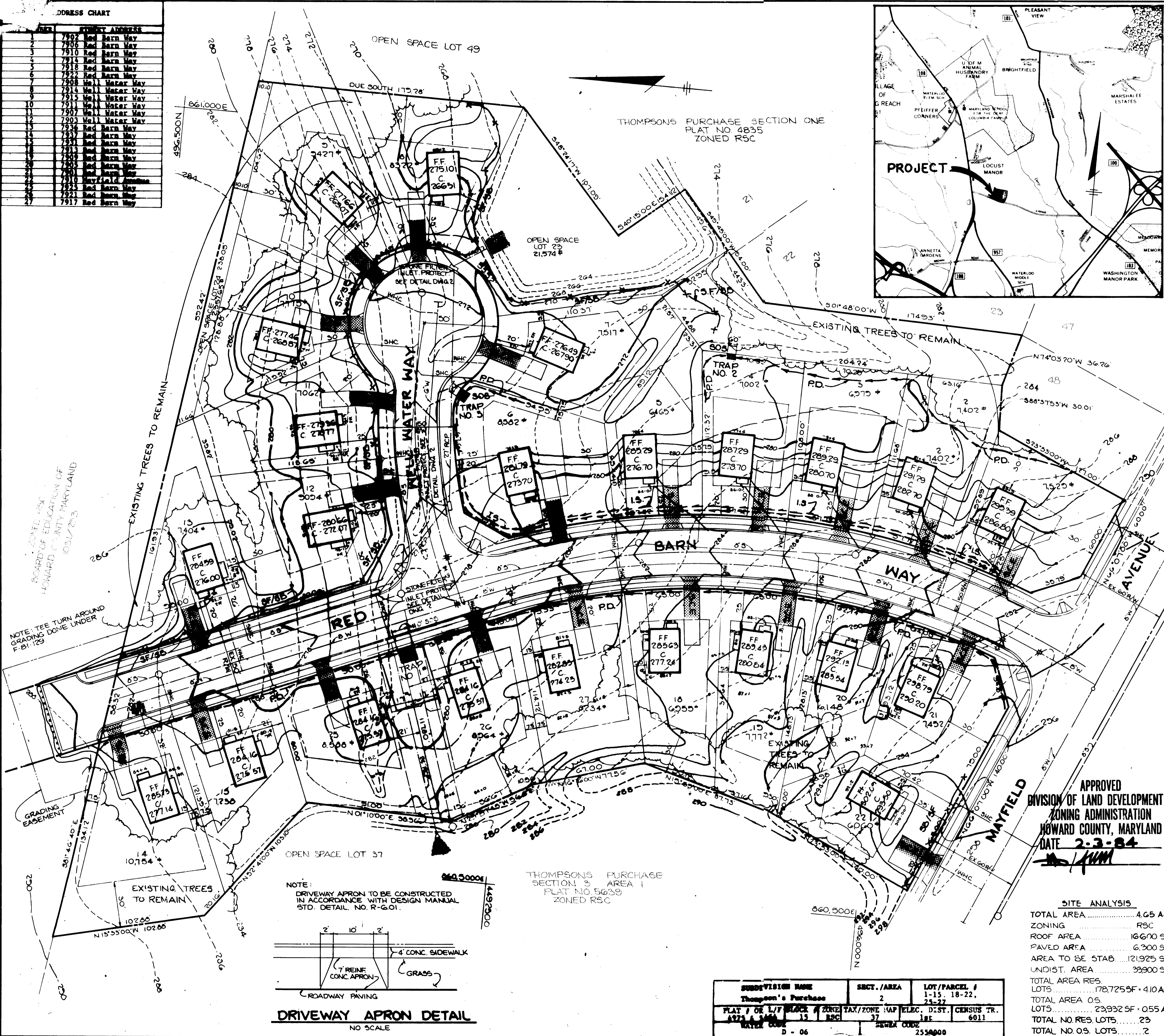


ADDRESS CHART

LOT	STREET ADDRESS
1	7902 Red Barn Way
2	7906 Red Barn Way
3	7910 Red Barn Way
4	7914 Red Barn Way
5	7918 Red Barn Way
6	7922 Red Barn Way
7	7926 Red Barn Way
8	7930 Red Barn Way
9	7934 Red Barn Way
10	7938 Red Barn Way
11	7942 Red Barn Way
12	7946 Red Barn Way
13	7950 Red Barn Way
14	7954 Red Barn Way
15	7958 Red Barn Way
16	7962 Red Barn Way
17	7966 Red Barn Way
18	7970 Red Barn Way
19	7974 Red Barn Way
20	7978 Red Barn Way
21	7982 Red Barn Way
22	7986 Red Barn Way
23	7990 Red Barn Way
24	7994 Red Barn Way
25	7998 Red Barn Way
26	7902 Red Barn Way
27	7906 Red Barn Way



GENERAL NOTES

1. THE LAND INCLUDED IN THIS PLAN IS ZONED: R.S.C. A1 PER 10/03/77 COMPREHENSIVE ZONING PLAN.
2. ALL COORDINATES ARE BASED ON H.C. GEODETIC CONTROL POINTS NO. 2544006-R AND 2544002-R.
3. TOTAL NUMBER OF LOTS = 23.
4. THE TOTAL AREA INCLUDED IN THIS PLAN IS 5.951 ACRES.
5. ALL ROADWAYS ARE PUBLIC AND CONSTRUCTED UNDER F-01-129.
6. ANY DAMAGE TO COUNTY OWNED RIGHT OF WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
7. PLAT REFERENCE: PLAT NUMBER 4975.
8. PUBLIC WATER AND SEWER SERVICE PROVIDED UNDER CONTRACT NUMBER 14-0976-D.

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 SOIL CONSERVATION DISTRICT.

James K. Tracy
 JAMES K. TRACY, P.E. 9566 DATE 1-3-84

BY THE DEVELOPER:
 I CERTIFY 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.

Howard
 DEVELOPER/BUILDER NAME DATE 1-3-84

REVIEWED FOR Howard NAME S.C.D.

AND MEETS TECHNICAL REQUIREMENTS
M.M.H. S.M. DATE 2-8-84

FOR SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
W.S. R. DATE 2-8-84

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

James P. B. DATE 2-16-84

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Steve F. N. DATE 2-15-84

W. R. S. DATE 2-14-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
J. D. A. DATE 2-17-84

J. M. W. DATE 2-17-84

APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

NO	DATE	REVISION
1	11-4-84	REVISE GRADING LOTS 18,19,20,21,22,26,27

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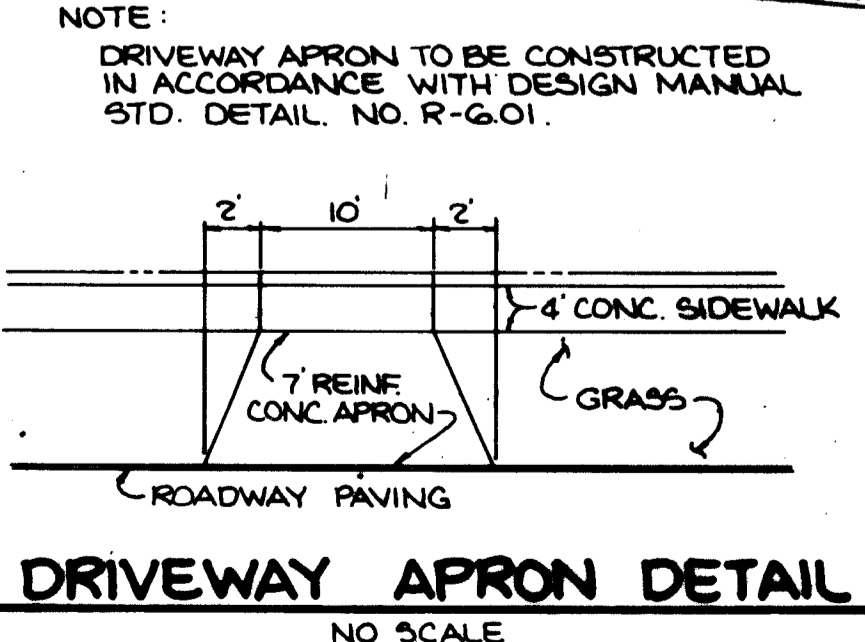
DEVELOPER:		PROJECT	
COLUMBIA HOMES INC. VILLAGE OF WILDE LAKE 10451 TWIN RIVERS ROAD SUITE 201 COLUMBIA, MD 21044		THOMPSON'S PURCHASE SECTION 2 LOTS 1-15, LOTS 18-22 & LOTS 25-27	
OWNER: COSTAIN INC. % SUITE 543 - THE CLARK BUILDING COLUMBIA, MARYLAND 21044		TITLE SITE PLAN	
DES JKT	DRN JLT	DATE 1-4-84	PROJECT NO 2683 SDP
SCALE 1"=50'		DRAWING 1 OF 2	

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 2-3-84

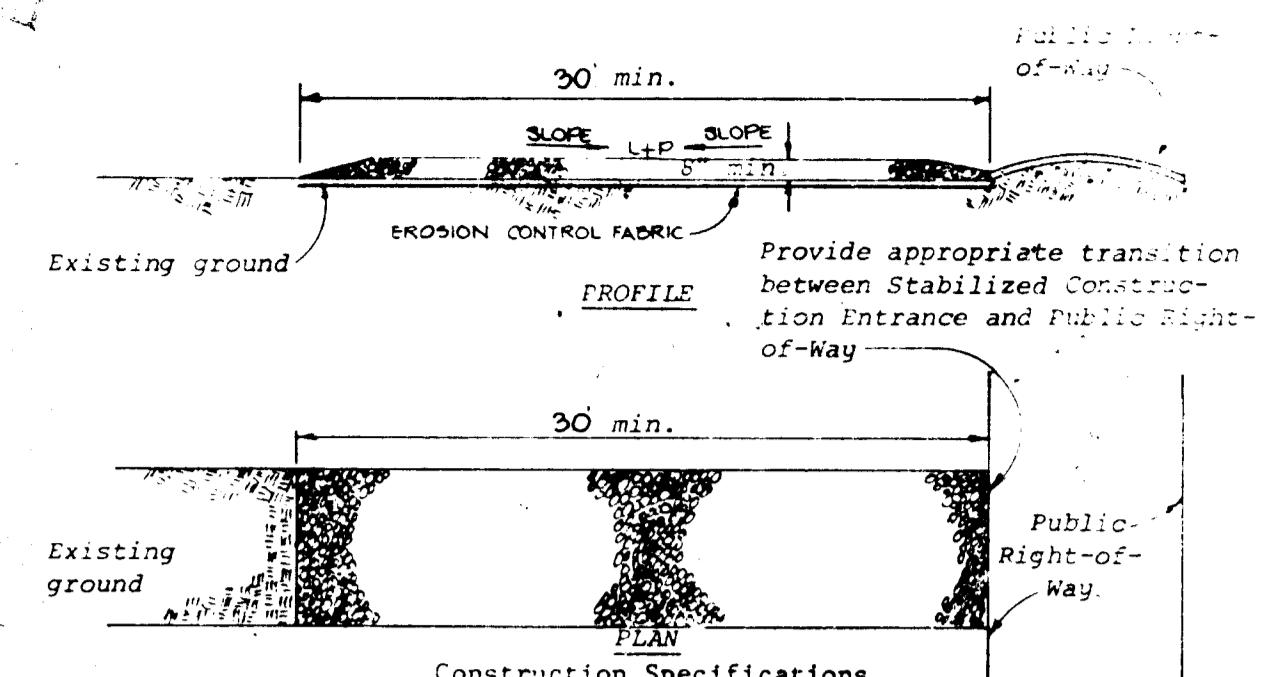
SITE ANALYSIS

TOTAL AREA	4.65 Ac
ZONING	R5C
ROOF AREA	16690 SF
PAVED AREA	6300 SF
AREA TO BE STAB	121925 SF
UNDIST. AREA	33900 SF
TOTAL AREA RES. LOTS	178725 SF + 410 Ac.
TOTAL AREA O.S. LOTS	23932 SF + 0.55 Ac.
TOTAL NO. RES. LOTS	23
TOTAL NO. O.S. LOTS	2

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
Thompson's Purchase	2	1-15, 18-22, 25-27
PLAT # OR L/T	BLK # ZONE TAX/ZONE MAP	ELEC. D. ST. CENSUS TR.
4835 & 5639	15 R5C 37	1st 6011
WATER CODE	SEWER CODE	
D - 06	2550000	

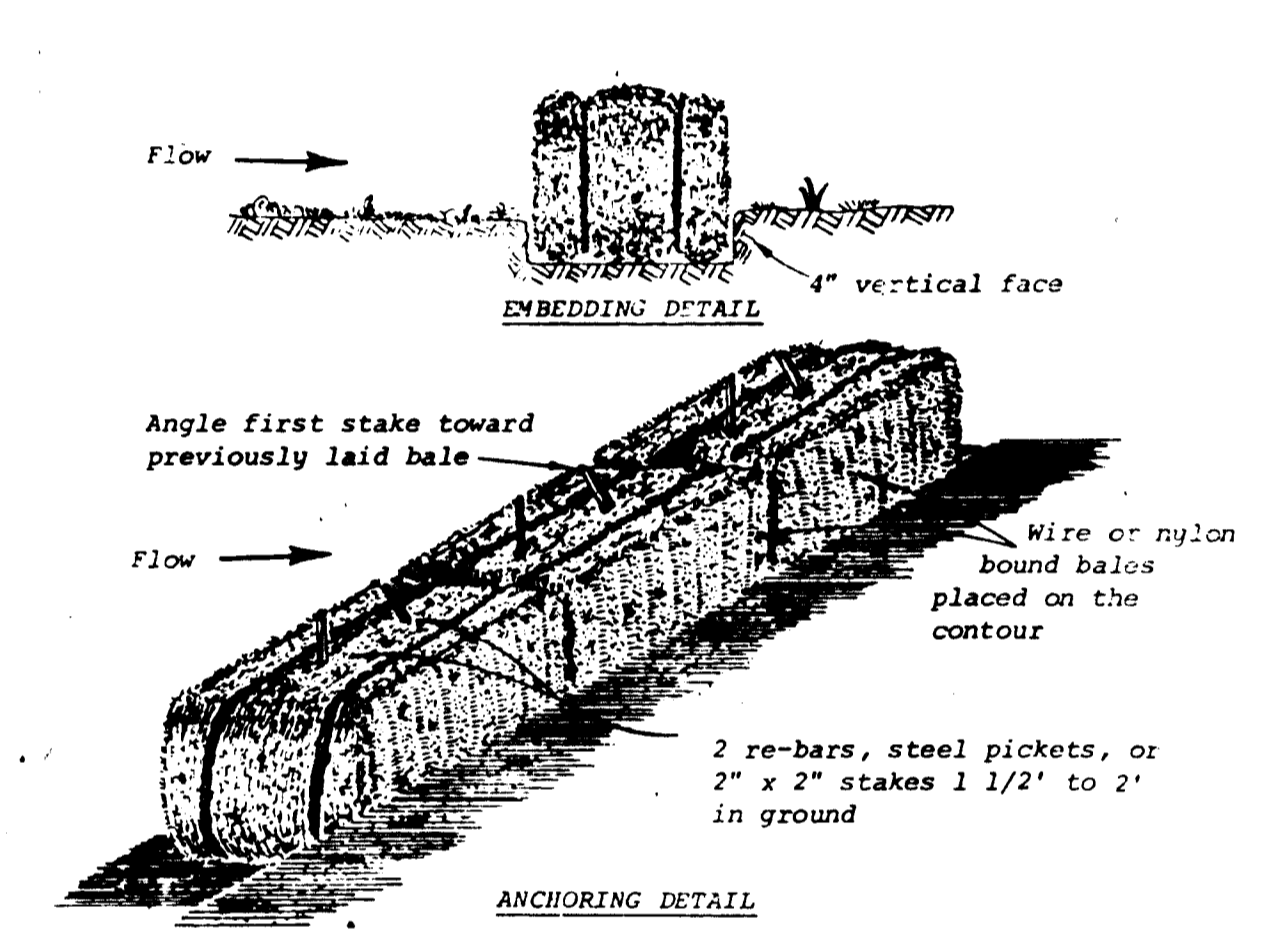


DRIVEWAY APRON DETAIL
 NO SCALE



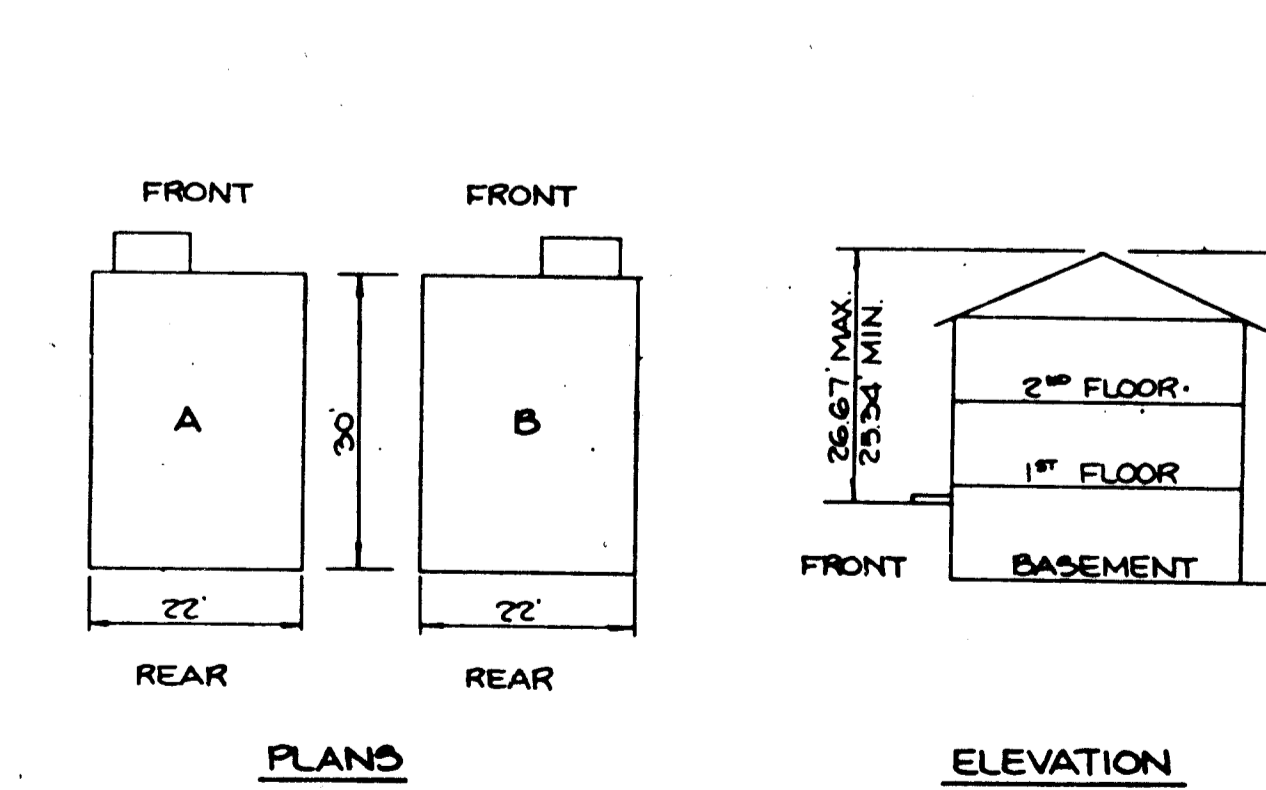
1. Stone size - Use MSHA size No. 2 (2-1/2" to 1") or AASHTO designation M43, size No. 2 (2-1/2" to 1-1/2"). Use crushed stone.
2. Length - As effective, but not less than 30 feet.
3. Thickness - Not less than eight (8) inches.
4. Width - Not less than full width of all points of ingress or egress.
5. Washing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap or sediment basin. All sediment shall be prevented from entering any storm drain, ditch, or watercourse through use of sand bags, gravel, boards or other approved methods.
6. 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.

STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

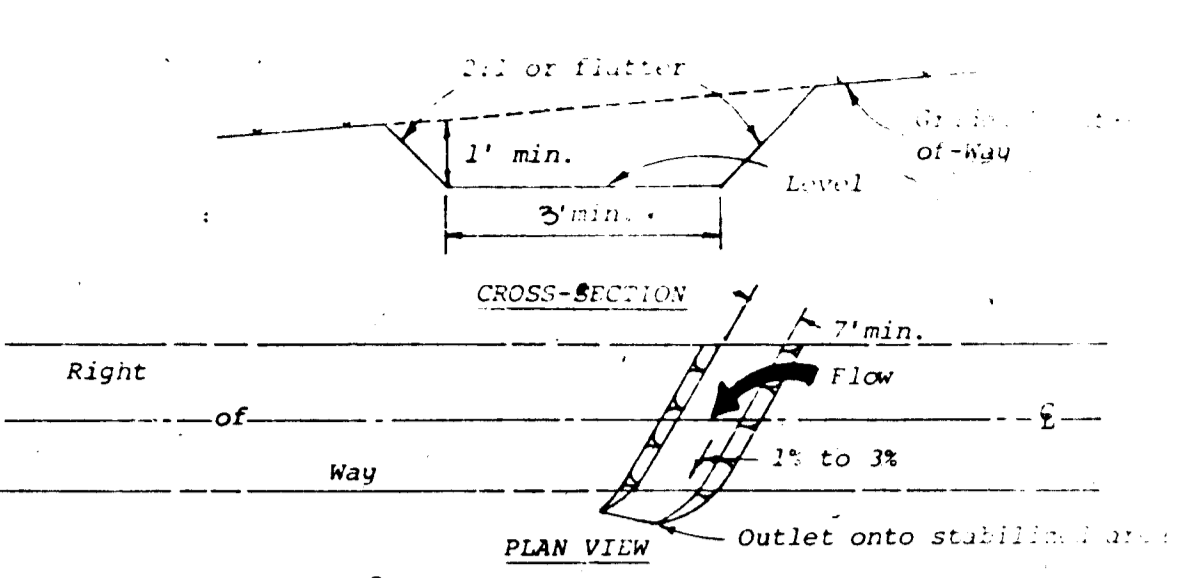


1. Bales shall be placed in a row with ends tightly abutting the adjacent bales.
2. Each bale shall be embedded in the soil a minimum of 4".
3. Bales shall be securely anchored in place by stakes or re-bars driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
4. Inspection shall be frequent and repair or 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

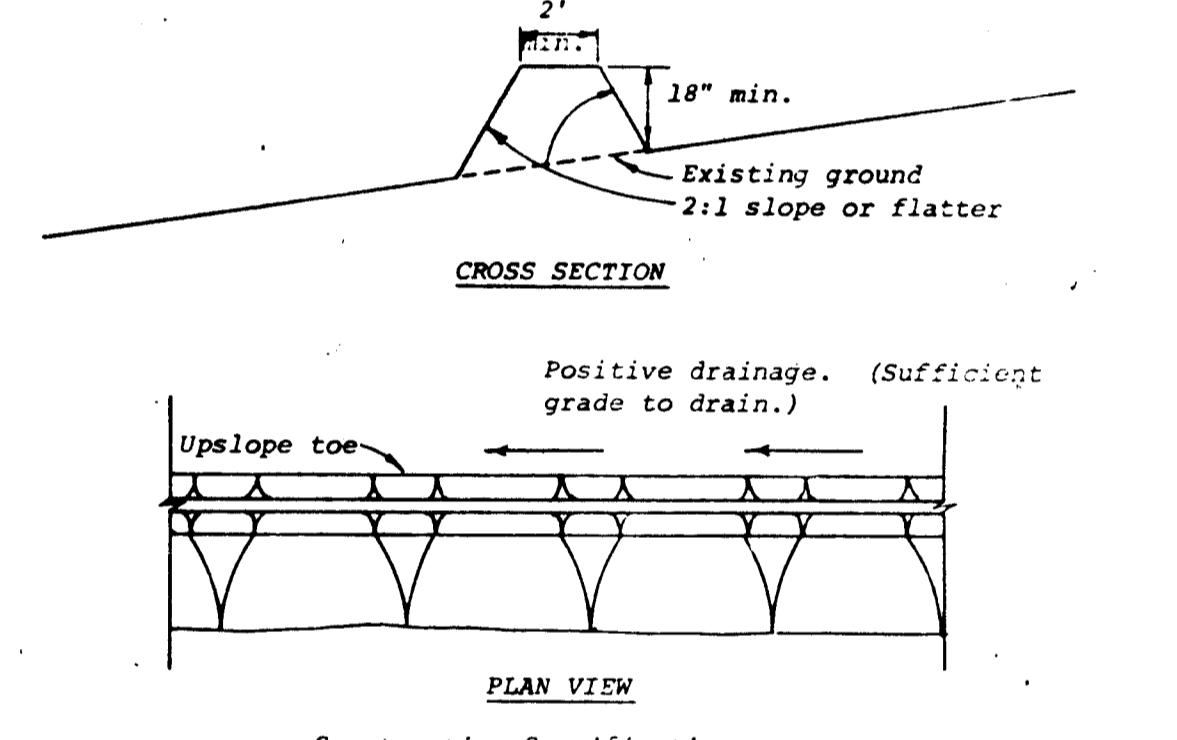


HOUSE SCHEMATICS
NO SCALE



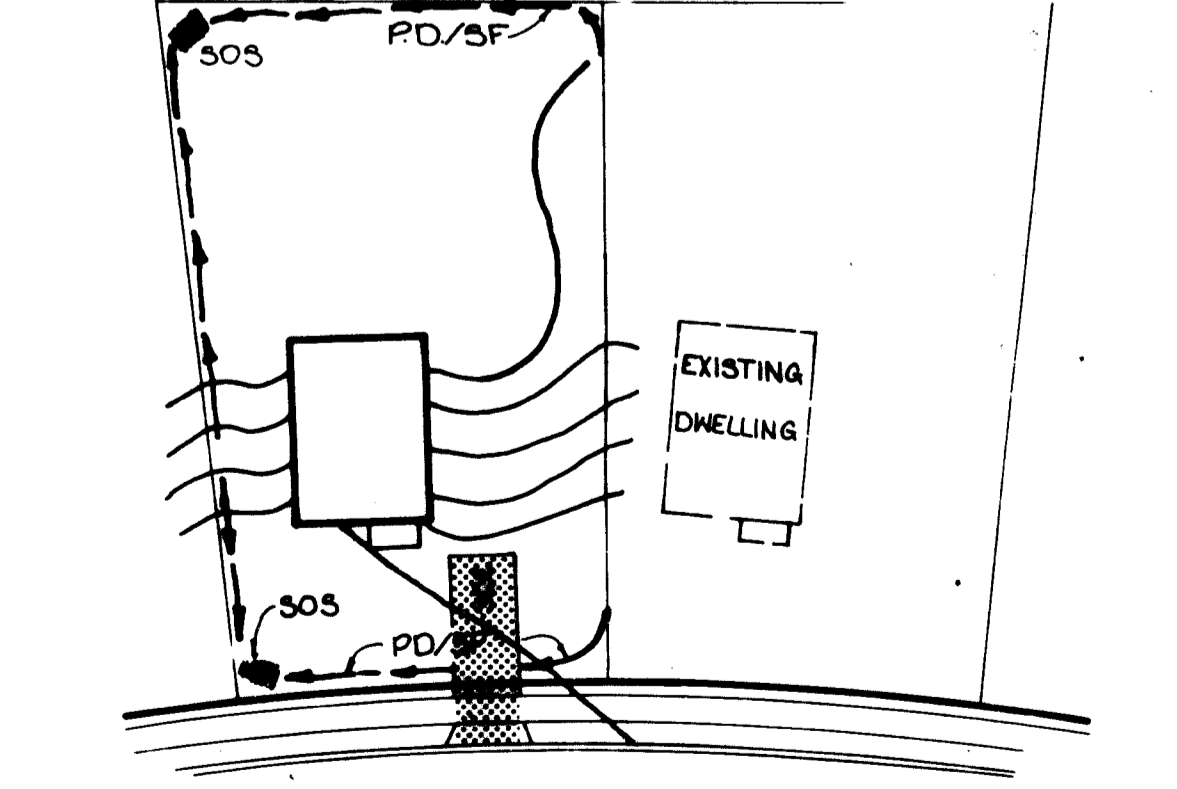
1. All trees, brush, stumps, obstructions, and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the swale.
2. The swale shall be excavated or shaped to line, grade, and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.
3. Fills shall be compacted as needed to prevent unequal settlement that would cause damage in the complete swale.
4. All earth removed and not needed in construction shall be spread or disposed of so that it will not interfere with the functioning of the swale.
5. Interceptor swales shall have a minimum grade of one percent and the bottom shall be level.
6. An interceptor swale shall have an outlet that functions with a minimum of erosion.
7. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment basin.
8. The on-site location may need to be adjusted to meet field conditions in order to utilize the most suitable outlet.
9. Stabilization shall be: (1) in accordance with the Standard and Specifications for Grassed Waterway; or (2) by lining the flow area with stone that meets MSHA size No. 2 or AASHTO M43 size No. 2 or 2 1/2 in a layer at least 3 inches in thickness and pressed into the soil. The lining shall extend across the bottom and up both sides of the channel a height of at least 8 inches vertically above the bottom.
10. Periodic inspection and required maintenance shall be provided.

INTERCEPTOR SWALE
NO SCALE

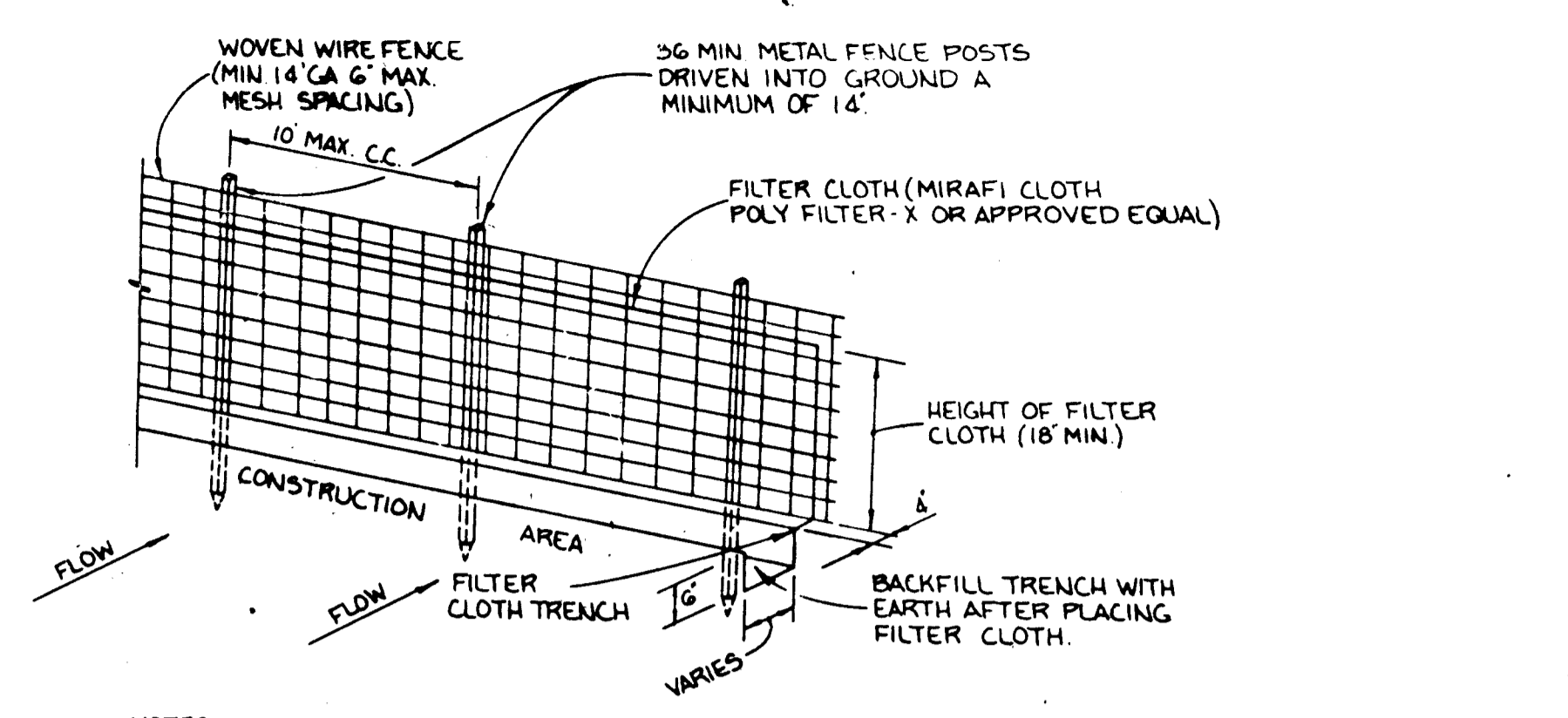


1. All dikes shall be machine compacted.
2. All perimeter dikes shall have positive drainage to an outlet.
3. A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area or into a level spreader or grade stabilization structure.
- B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as sediment trap or a sediment basin or to an area protected by any of these practices.
4. Stabilization, when required, shall be done in accordance with Standard and Specifications for Grassed Waterway. The minimum area to be stabilized shall be the channel flow area.
5. Periodic inspection and required maintenance shall be provided.

PERIMETER DIKE
NO SCALE



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
NO SCALE

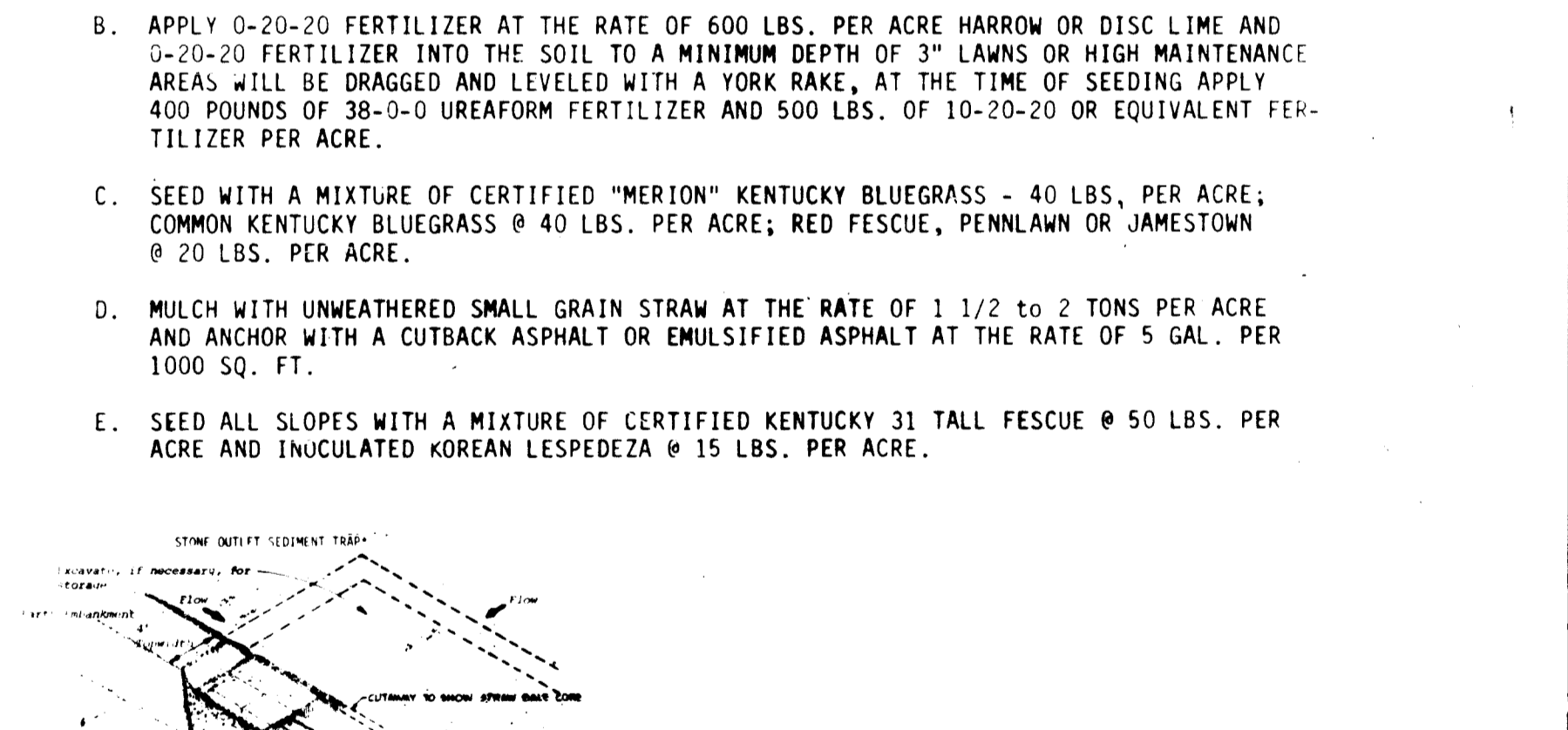


1. SEDIMENT CONTROL PLAN AND STORM WATER MANAGEMENT POND FOR THOMPSON'S PURCHASE, SECTION TWO HAS BEEN APPROVED UNDER F-01-1-19.
2. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (99C-2070).
3. ALL SEDIMENT CONTROL STRUCTURES WILL BE INSTALLED IN ACCORDANCE WITH "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" AS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
4. SITE GRADING WILL BEGIN ONLY AFTER ALL PERIMETER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND ARE IN A FUNCTIONING CONDITION.
5. ALL DISTURBED AREAS ARE TO BE DRESSED AND STABILIZED ACCORDING TO THE PERMANENT SEEDING SCHEDULES AS SOON AS PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF A PERMANENT VEGETATIVE COVER.
6. FERTILIZER AND LIME RATES MAY BE CHANGED THROUGH AUTHORIZATION BY THE HOWARD SOIL CONSERVATION DISTRICT IF SOIL TESTS DETERMINE A REDUCTION IN THE SPECIFIED RATES IS JUSTIFIED.
7. REFERENCES CALLED FOR ON THE SEDIMENT CONTROL CONSTRUCTION PLAN AND DETAILS ARE MADE TO "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS."
8. ON SITE INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES AND PROPER ESTABLISHMENT OF ALL PLANNED VEGETATIVE MEASURES WILL BE THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE ON THE SITE, ON A CONTINUING DAY TO DAY BASIS.
9. THE CONTRACTOR SHALL KEEP ALL PUBLIC ROADS FREE OF SEDIMENT DEPOSITS LEFT FROM TRAFFIC LEAVING CONSTRUCTION SITE.

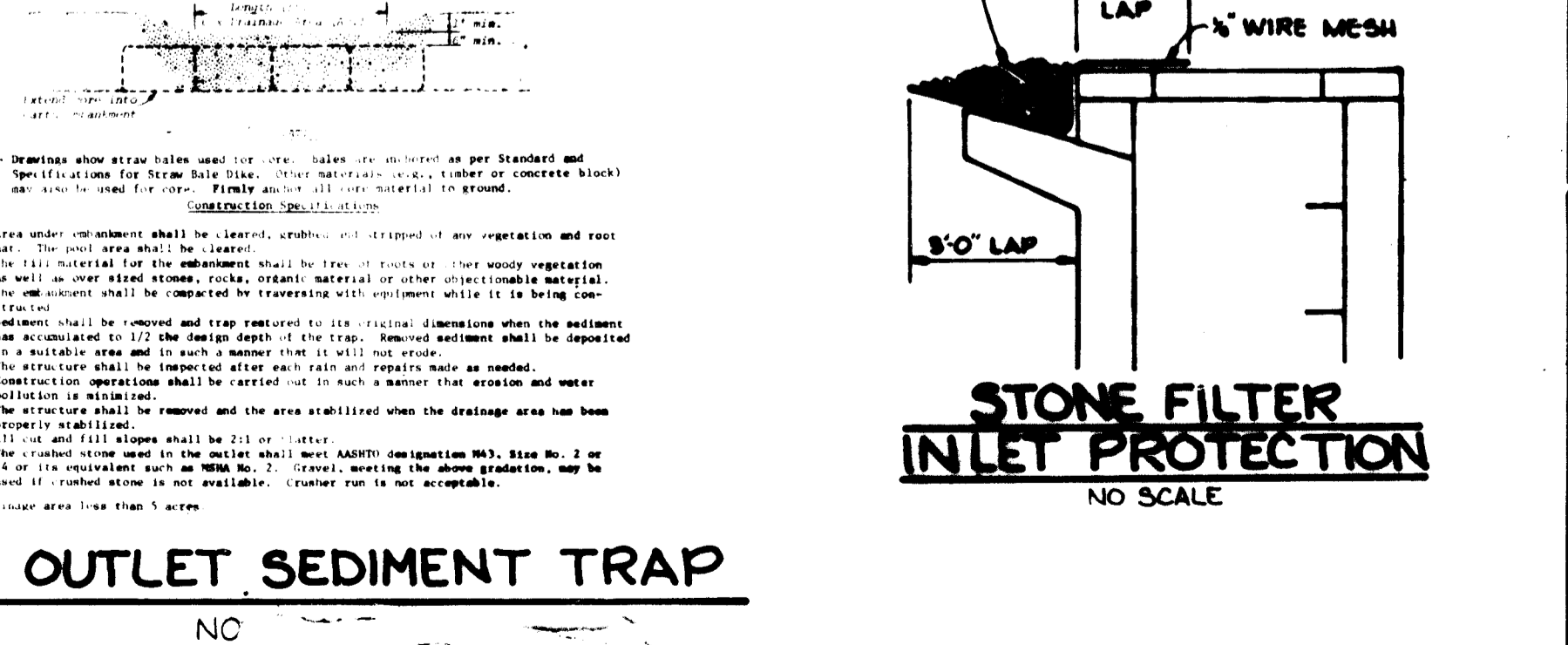
STONE FILTER INLET PROTECTION
NO SCALE

- FINAL STABILIZATION WILL TAKE PLACE AS SOON AS POSSIBLE AS WEATHER CONDITIONS PERMIT, AS FOLLOWS:
- A. APPLY DOLOMITIC LIMESTONE AT THE RATE OF 2 TONS PER ACRE (ONE TON PER ACRE IF APPLICATION OF TON PER ACRE WAS MADE FOR TEMPORARY SEEDING).
- B. APPLY 0-20-20 FERTILIZER AT THE RATE OF 600 LBS. PER ACRE HARROW OR DISC LIME AND 0-20-20 FERTILIZER INTO THE SOIL TO A MINIMUM DEPTH OF 3" LAWN OR HIGH MAINTENANCE AREAS WILL BE DRAGGED AND LEVELED WITH A YORK RAKE, AT THE TIME OF SEEDING APPLY 400 POUNDS OF 38-0-0 UREAFORM FERTILIZER AND 500 LBS. OF 10-20-20 OR EQUIVALENT FERTILIZER PER ACRE.
- C. SEED WITH A MIXTURE OF CERTIFIED "MERION" KENTUCKY BLUEGRASS - 40 LBS. PER ACRE; COMMON KENTUCKY BLUEGRASS @ 40 LBS. PER ACRE; RED FESCUE, PENNLAWN OR JAMESTOWN @ 20 LBS. PER ACRE.
- D. MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS PER ACRE AND ANCHOR WITH A CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.
- E. SEED ALL SLOPES WITH A MIXTURE OF CERTIFIED KENTUCKY 31 TALL FESCUE @ 50 LBS. PER ACRE AND INOCULATED KOREAN LESPEDEZA @ 15 LBS. PER ACRE.

PERMANENT SEEDING



STONE OUTLET SEDIMENT TRAP
NO SCALE



HOUSE SCHEMATICS
NO SCALE

SEQUENCE OF CONSTRUCTION

- OBTAIN A GRADING PERMIT
- INSTALL STABILIZED CONSTRUCTION ENTRANCE(S)
- INSTALL SEDIMENT CONTROL DEVICES
- COMPLETE SITE WORK AND STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES
- UPON APPROVAL OF THE SOIL CONSERVATION SERVICE, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE ALL AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES

SEDIMENT TRAP TABULATION

TRAP NO.	TYPE	D.A.	STOR REQ	STOR PROV	CREST ELEV	BOTT DIM	C.O. ELEV
1	S.O.S.	1.8 Ac	3240 cf	3250 cf	281.0	30'x36'x3'	279.5
2	S.O.S.	0.5 Ac	840 cf	1000 cf	279.0	20'x20x2.5'	277.7
3	S.O.S.	0.2 Ac	410 cf	600 cf	276.5	15'x15'x2'	275.5

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 SOIL CONSERVATION DISTRICT.

James K. Tracy
JAMES K. TRACY, P.E. DATE 1-3-84

BY THE DEVELOPER:
I CERTIFY 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.

Jeffrey Jameson
DEVELOPER/BUILDER JEFFREY JAMESON DATE 1-3-84

REVIEWED FOR HOWARD COUNTY HEALTH DEPARTMENT

M. K. S. M.
U.S. SOIL CONSERVATION SERVICE DATE 2-8-84

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

W. S. Stone
HOWARD S.C.D. DATE 2-8-84

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

James K. Tracy
COUNTY HEALTH OFFICER DATE 2-16-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Thomas L. Harris
PLANNING DIRECTOR DATE 2-17-84

James K. Tracy
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE 2-17-84

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC WORKS

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

George F. Neermy
DIRECTOR DATE 2-15-84

William C. Rieck
CHIEF, BUREAU OF ENGINEERING DATE 2-14-84

NO	DATE	REVISION

TRACY, SCHULTE & ASSOCIATES INC.
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James K. Tracy

DEVELOPER	PROJECT
COLUMBIA HOMES INC. VILLAGE OF WILDE LAKE 10451 TWIN RIVERS ROAD SUITE 201 COLUMBIA, MD 21044	THOMPSONS PURCHASE SECTION 2 LOTS 1-15, LOTS 18-22 & LOTS 25-27 LOCATION TAX MAP 31 PARCEL 154 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
OWNER COSTAIN INC. % SUITE 543-THE CLARK BUILDING COLUMBIA, MARYLAND 21044	TITLE SEDIMENT CONTROL DETAILS AND NOTES
DES. JKT LAM	DATE 1-4-84 PROJECT NO 26835DP
DRN KAM	SCALE AS SHOWN DRAWING 2 OF 2