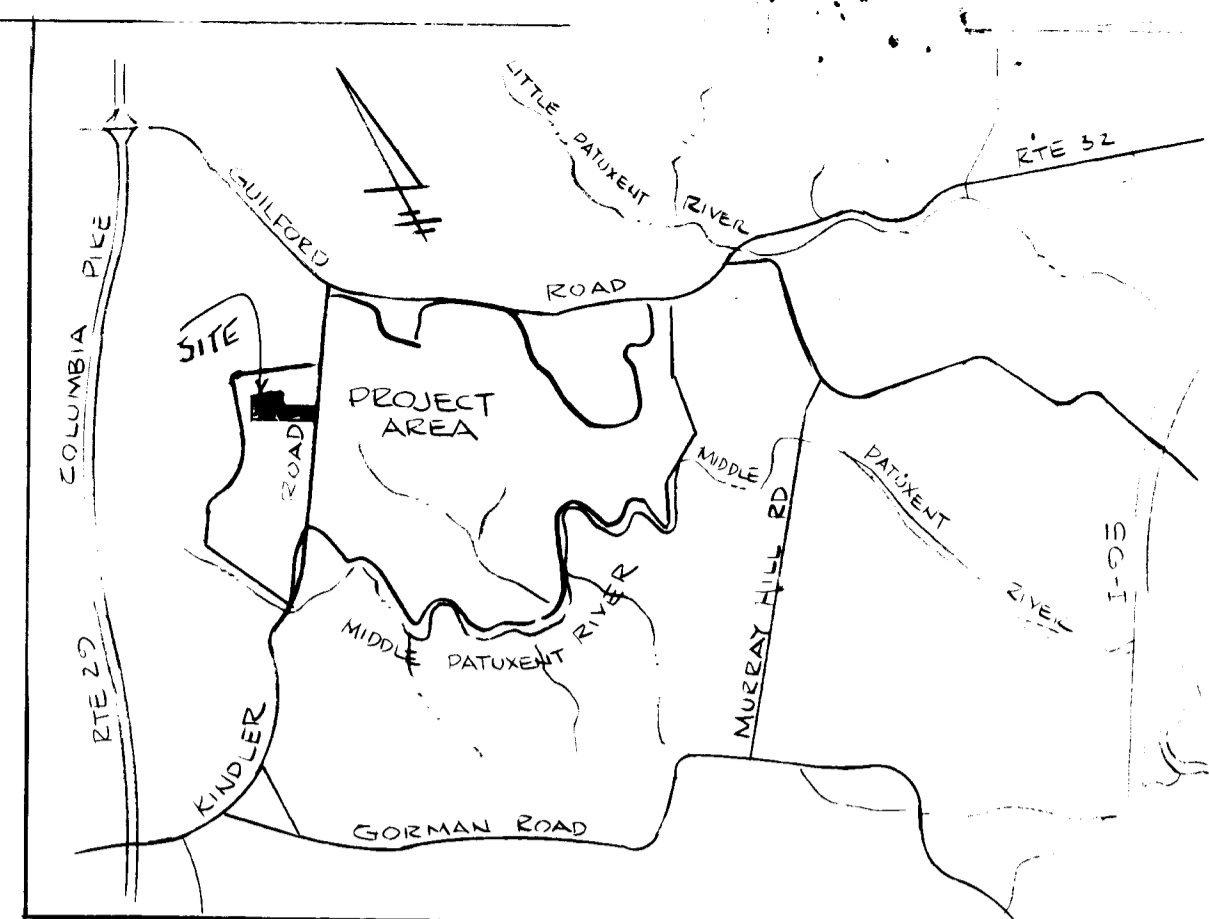
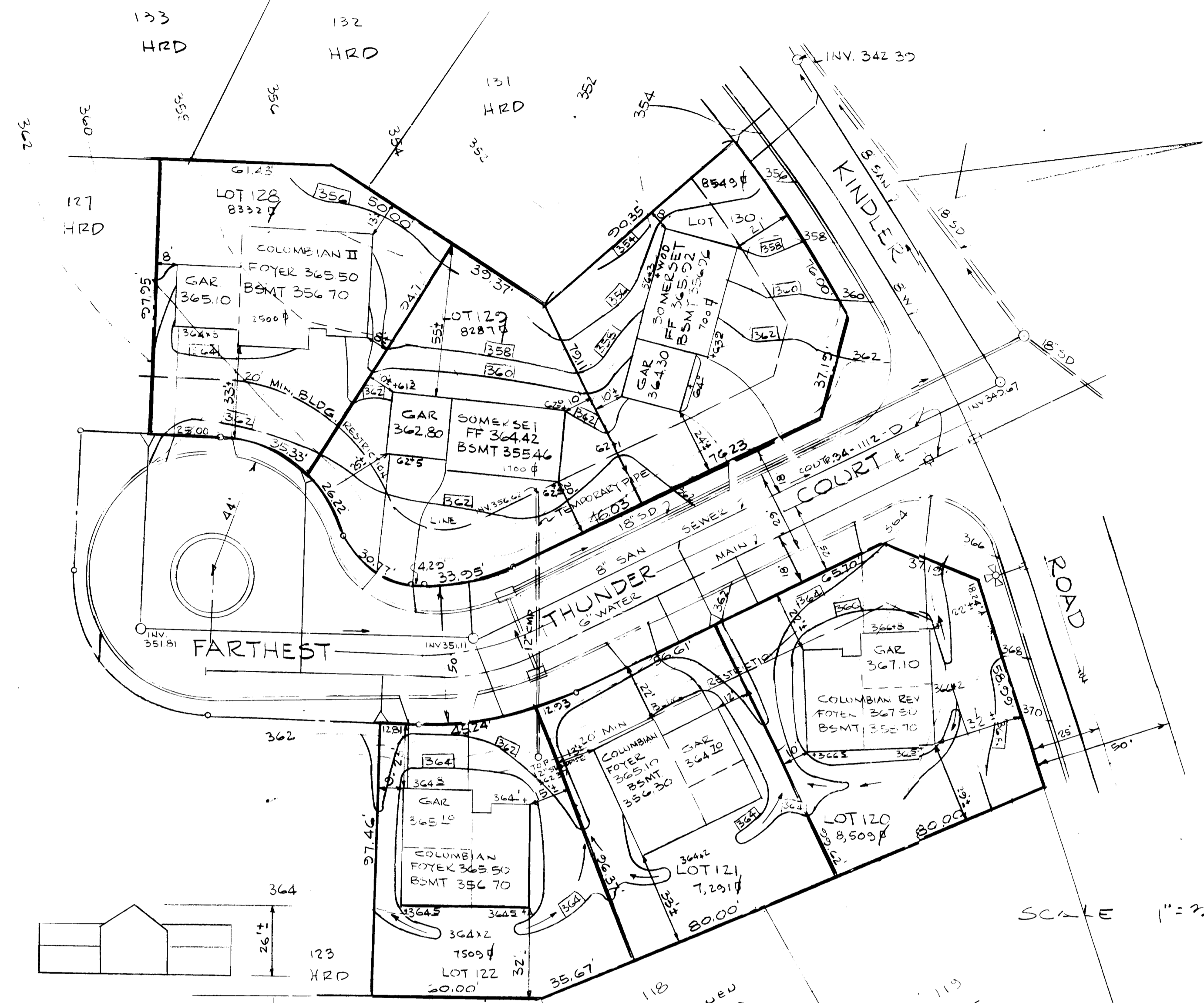


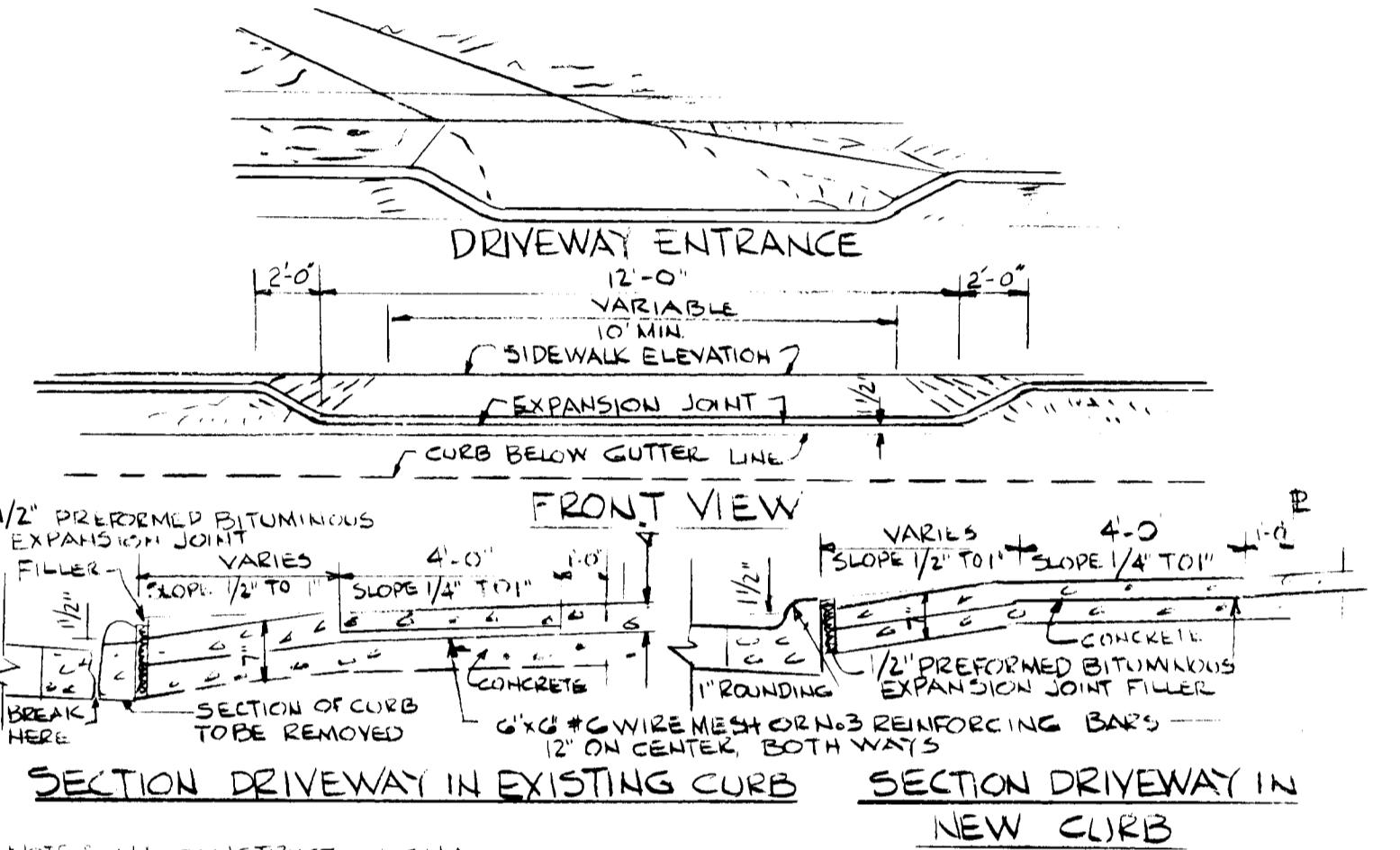
LOT No	% COVERAGE
120	25%
121	29%
122	29%
128	30%
129	21%
130	10%



VICINITY MAP
SCALE: 1" = 200'

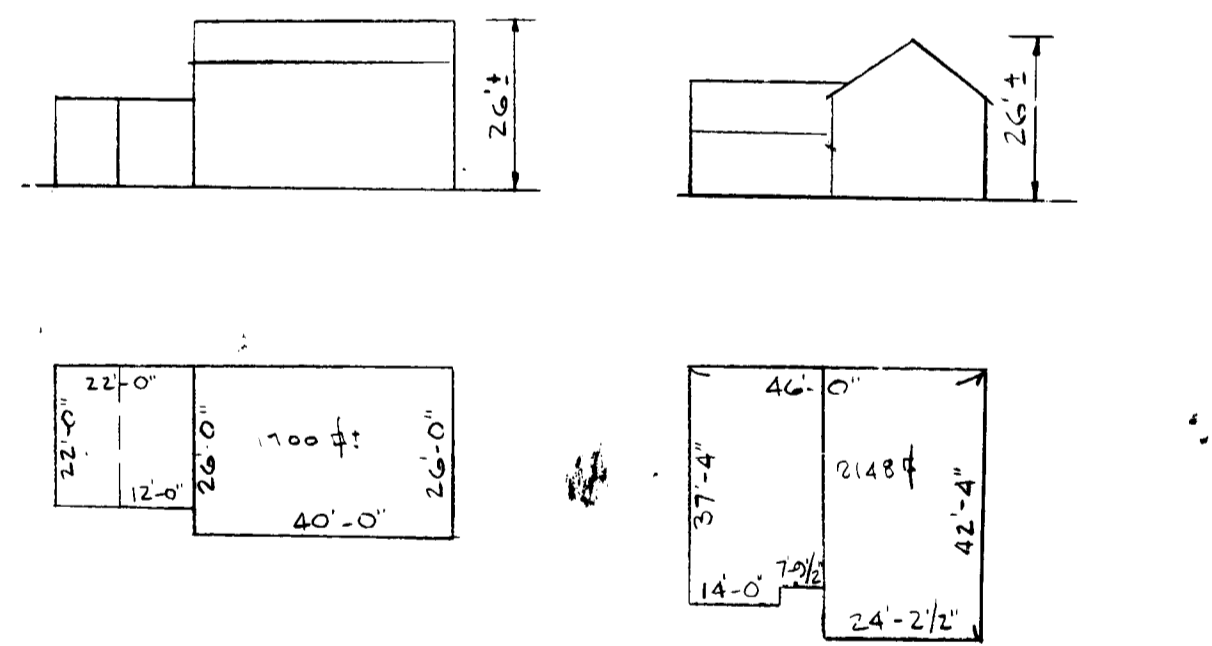


SCALE 1" = 30'



NOTE: ALL CONSTRUCTION SHALL CONFORM TO THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS. USE THIS DRIVEWAY SECTION WITH THE EXISTING CONC. APRON CONFORMING WITH THE HOWARD CO. STD. DRAWING R-6-01.

NOTES:
* W.O.D. DENOTES WALKOUT DOOR



THE "SOMERSET" WITH ONE OR TWO CAR GARAGE
THE "COLUMBIAN" WITH TWO CAR GARAGE
THE "COLUMBIAN II" W/OPTIONAL TWO CAR GARAGE

SITE ANALYSIS
1 PRESENT ZONING - NEWTOWN (S.M.F.D. & FDP-178-A-11, PART II)
2 TOTAL NUMBER OF LOTS OR PARCELS - 6
3 TOTAL AREA OF LOTS OR PARCELS - 1.11 AC
4 TOTAL AREA TO BE DISTURBED - 0.65 AC
5 TOTAL AREA TO BE REVEGETATED - 0.30 AC

CONSTRUCTION SCHEDULE			
DESCRIPTION OF WORK	FROM DAY NO.	TO DAY NO.	TOTAL NO. DAYS
OBTAIN GRADING PERMIT	1	1	1
INSTALL SED. EROSION CONTROL DEV.	1	7	6
CLEARING & ROUGH GRADING	7	10	3
EXCAVATION FOR FOUNDATIONS	10	20	10
FOOTINGS & FOUNDATION WALLS	20	30	10
CONSTRUCT STRUCTURE	30	60	30
FINE GRADING	60	66	6
EFFECTIVE STABILIZATION	66	104	38

NOTE:
1 OBTAIN GRADING PERMIT
2 ADJUST CONSTRUCTION SCHEDULE DUE TO INCLEMENT WEATHER
3 ALL DISTURBED AREAS TO BE STABILIZED WITHIN 180 DAYS
4 APPROXIMATE STARTING DATE: AUG. 1, 1983
5 STREET TREES ARE REQUIRED IN ACCORDANCE WITH SECTION 16.131 OF THE LAND DEVELOPMENT AND SUBDIVISION REGULATIONS. THE RESPONSIBILITY FOR PLANTING SHALL BE BY THE DEVELOPER.

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
John W. Murach
PLANNING DIRECTOR
DATE: 12-30-83

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
William Bolles
COUNTY HEALTH OFFICER
DATE: 12-23-83

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS, & PUBLIC ROADS, HOWARD COUNTY DEPT. OF PUBLIC WORKS.
Walter Park
DIRECTOR
DATE: 12-21-83

CHIEF BUREAU OF ENGINEERING
Walter Park
DATE: 12-21-83

CERTIFICATION BY DEVELOPER
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL & THAT ALL RESPONSIBLE PERSONNEL INVOLVED WITH THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC INSPECTION ON SITE BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.

Walter Park
SIGNATURE
DATE: 12-21-83

CERTIFICATION BY ENGINEER
I CERTIFY THAT THIS PLAN OF DEVELOPMENT, PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & WORKABLE PLAN BASED ON MY KNOWLEDGE OF THE SITE CONDITIONS & THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Walter Park
WALTER PARK
PROFESSIONAL - L.C. #5530
DATE: 9-12-1983

ADDRESS CHART

LOT NO.	ADDRESS
120	1201 FARTHEST THUNDER COURT
121	1305 "
122	1305 "
128	7910 "
129	1302 "
130	1302 "

10-21-83
Walter Park

SUBDIVISION NAME: COLUMBIA VILLAGE OF MARY'S CONTRIVANCE

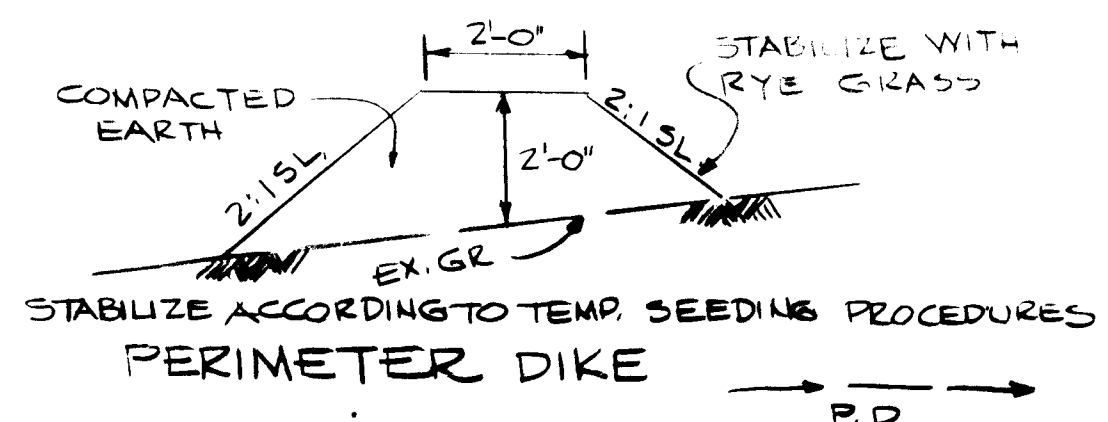
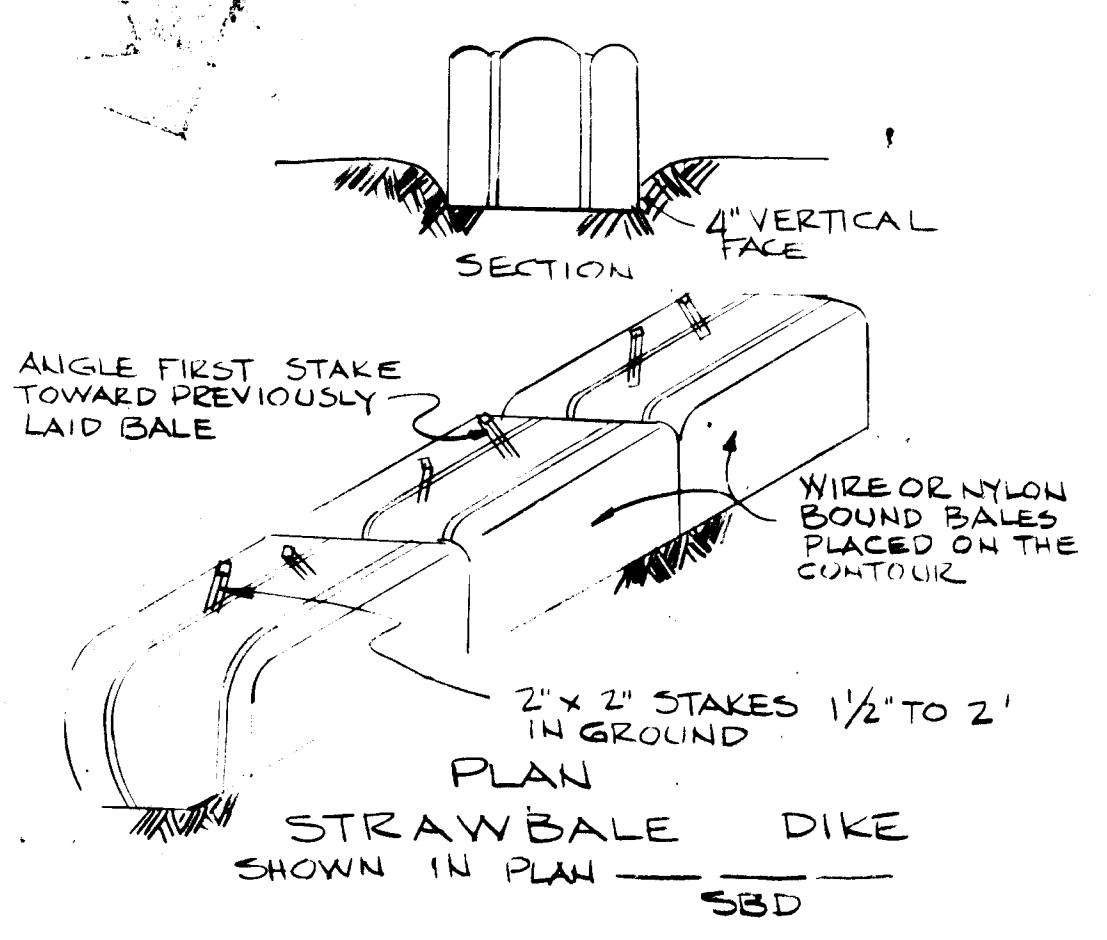
SECTION 2
AREA 3
PHASE 2

PLAT No. 4930
BLOCK 7 NEW TOWN TRMAP 42
S.F.M.D.

6TH ELECTION DISTRICT

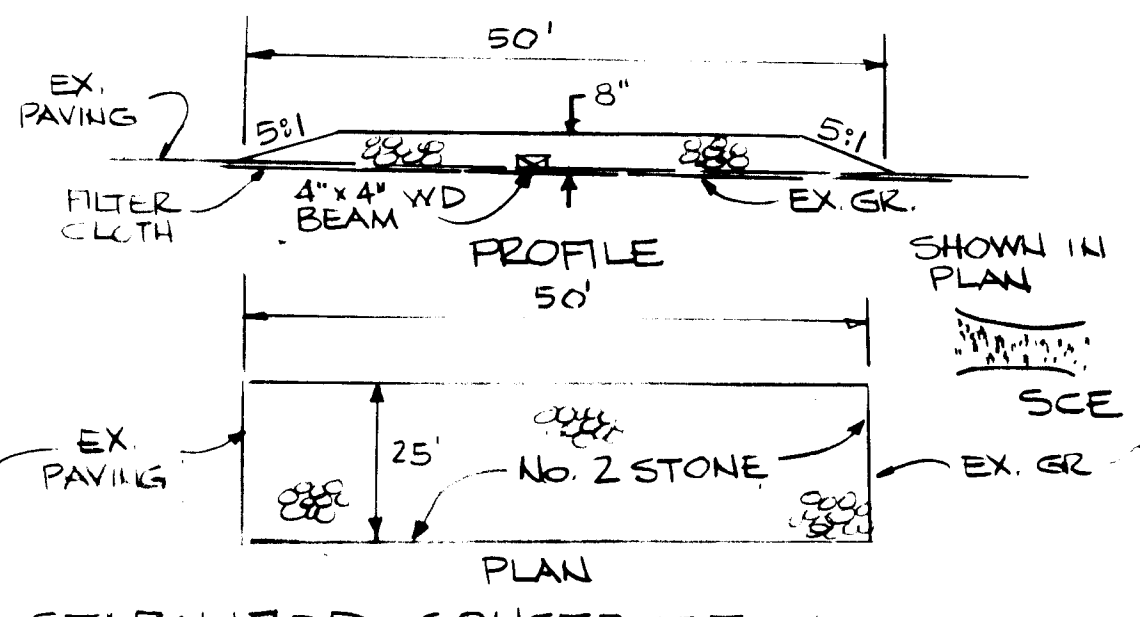
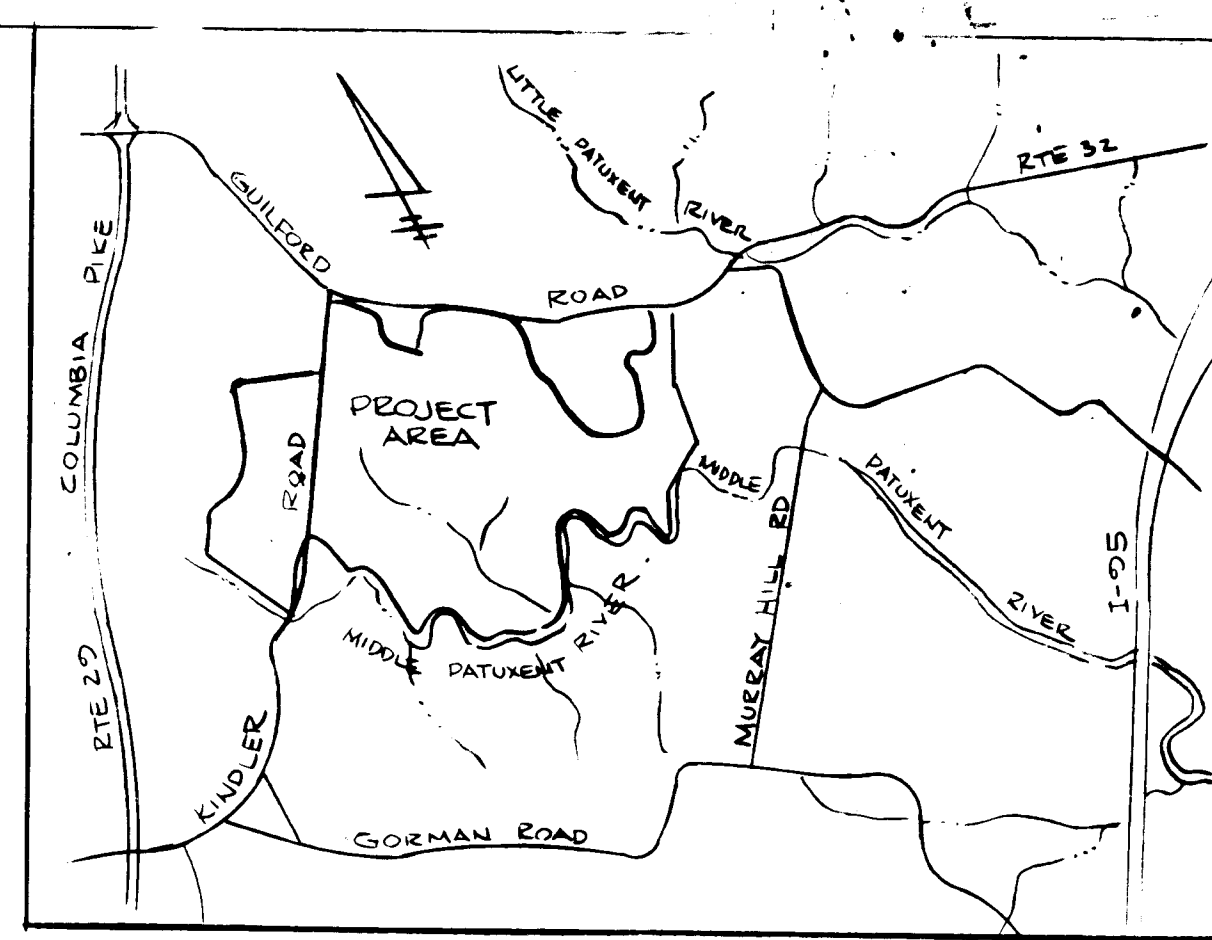
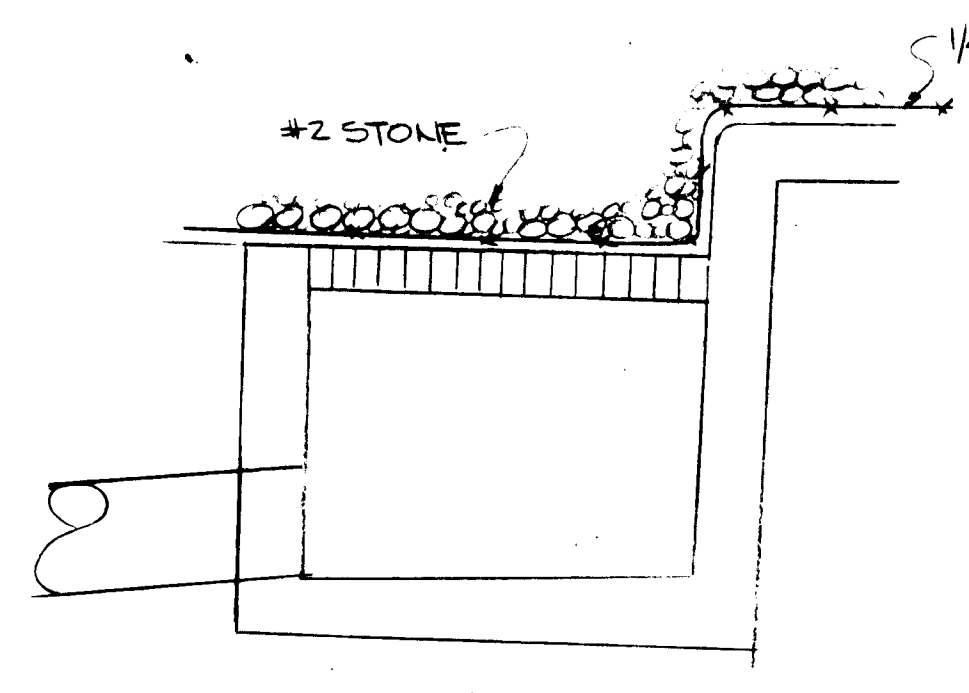
CEMUS TRACT 606102
PARCEL 62

WATER CODE: E-10
SEWER CODE: 6440000

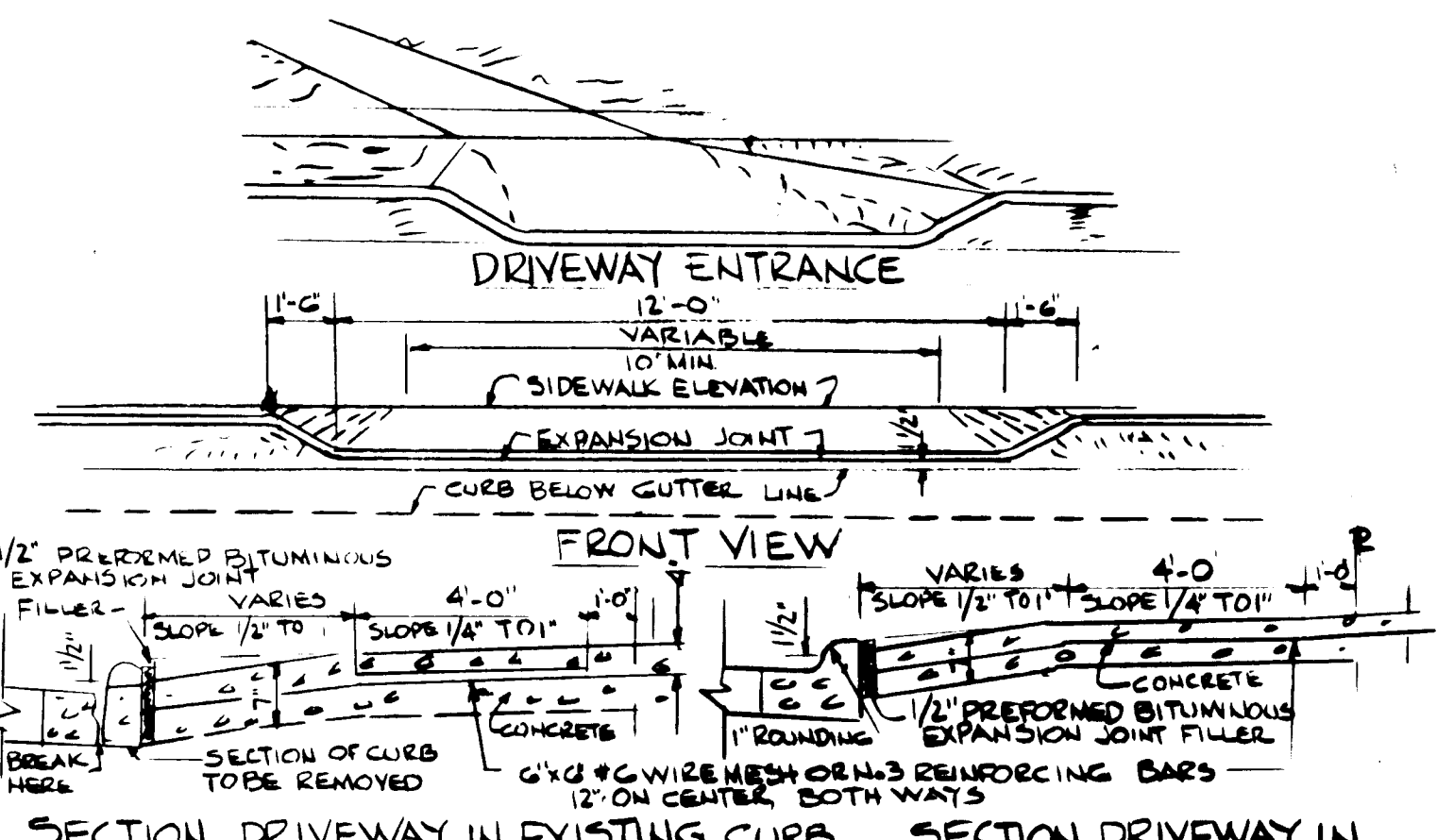
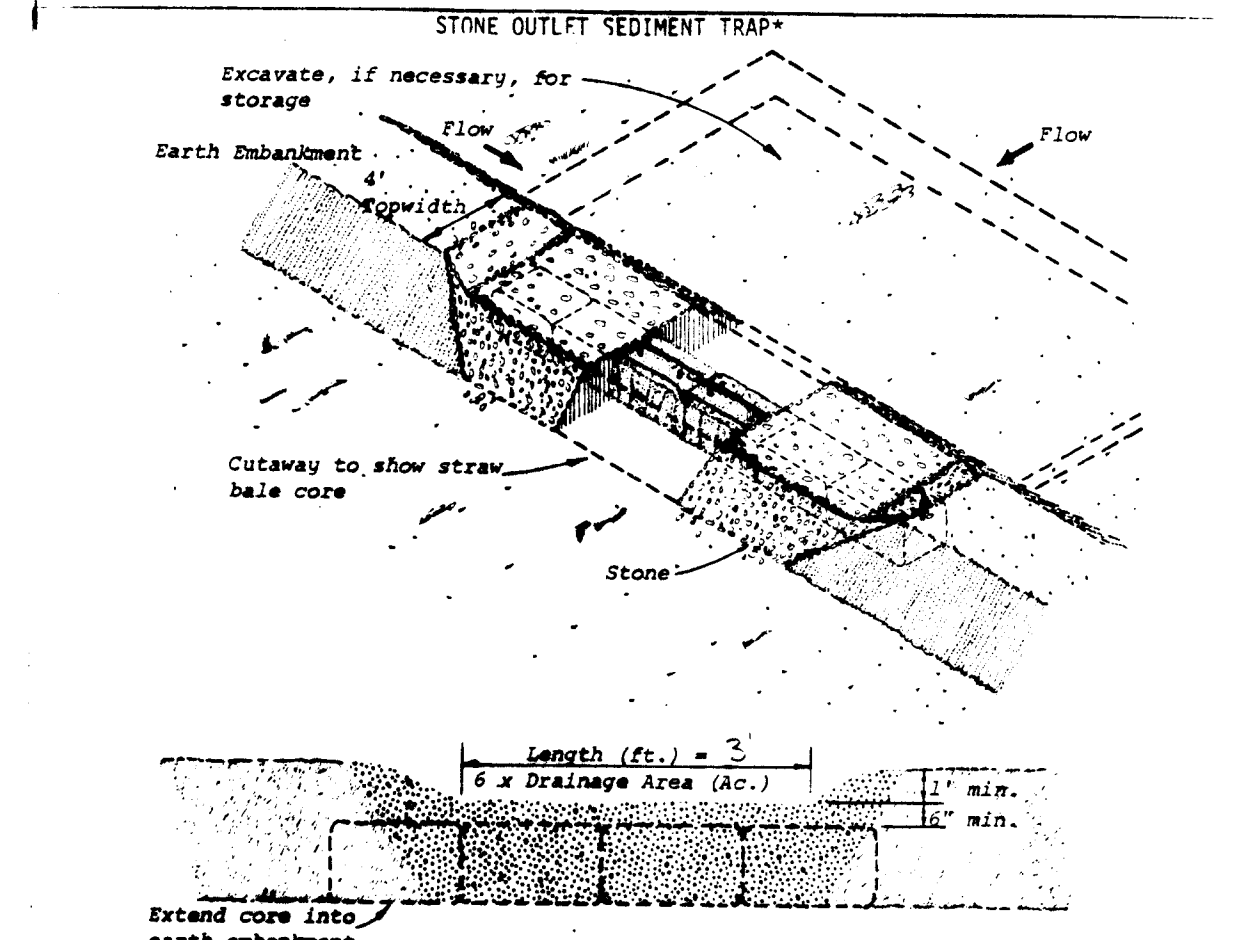
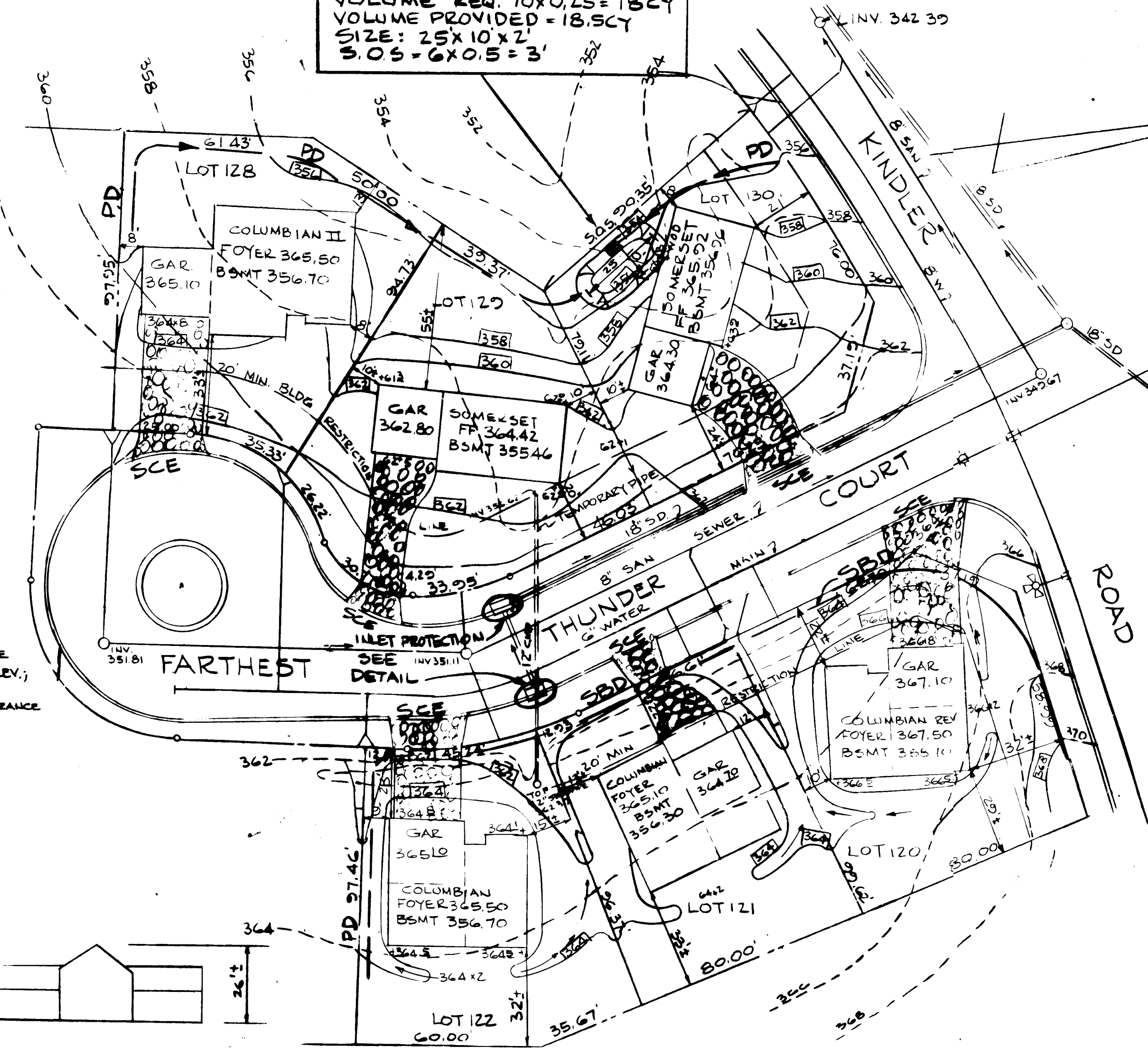


SEDIMENT TRAP No. 1
 DRAINAGE AREA 0.25 AC
 VOLUME REQ. 70x0.25 = 18 CY
 VOLUME PROVIDED = 18.5 CY
 SIZE: 25' x 10' x 2'
 5.05 - 6 x 0.5 = 3'

TEMPORARY SEEDING NOTES:
 1. Seed immediately upon construction with 1 lb. rye grass per 1000 s.f.
 2. Apply 46 lbs./1000 s.f. of pulverized dolomitic limestone and 115 lbs. to 18.4 lbs./1000 s.f. of 10x10x10 or equivalent fertilizer.
 3. Harrow or disc time and fertilizer into the soil to a depth of at least 3 inch continue tillage until a reasonably uniform fine firm seedbed the final harrowing or discing should be on the contour.
 4. Mulch with straw @ 75 lbs./1000 s.f.

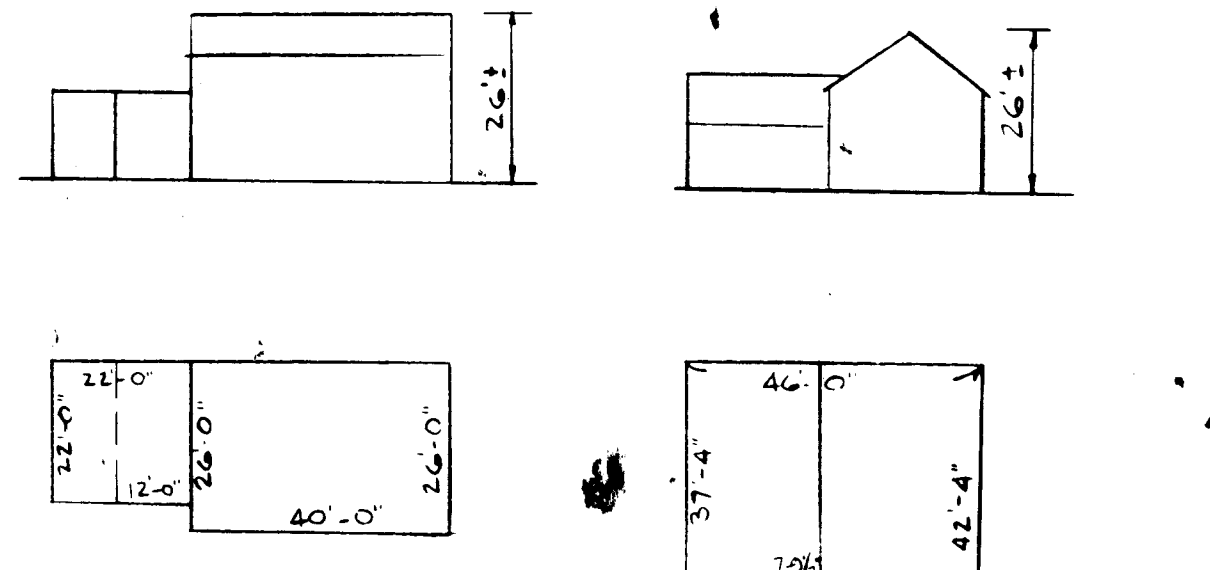


GENERAL NOTES:
 1. ALL ROADWAY EXIST & PUBLIC
 2. ANY DAMAGE TO PUBLIC RIGHT-OF-WAY TO BE CORRECTED AT DEVELOPER EXPENSE
 3. LEGEND: --- EXIST. CONTOUR; --- PROPOSED CONTOUR; --- GAS SPOT ELEV.; --- DIRECTION OF DRAINAGE; --- PROPOSED STRAW BALE DIKE; --- PROPOSED PERIMETER DIKE; --- S.C.E. PROPOSED STABILIZED CONSTRUCTION ENTRANCE
 4. SITE ANALYSIS: EXIST. ZONING: NEWTOWN
 AREA OF LOTS: 0.11 AC
 AREA TO BE PAVED: 0.11 AC
 AREA TO BE ROOFED: 0.24 AC
 AREA TO BE SEEDED: 0.30 AC
 AREA TO BE UNDISTURBED: 0.46 AC
 5. CONSTRUCTION SEQUENCE:
 A. OBTAIN GRADING PERMIT
 B. INSTALL SEDIMENT CONTROL MEASURES
 C. EXCAVATE FOR FOUNDATION & ROUGH GRADE
 D. CONSTRUCT DWLS.
 E. FINE GRADE & STABILIZE
 F. OBTAIN PERMISSION FOR REMOVAL OF SEDIMENT CONTROL MEASURES.



NOTES:
 Drawings show straw bales used for core. Bales are anchored as per Standard and Specifications for Straw Bale Dike. Other material (e.g., timber or concrete block) may also be used for core. Firmly anchor all core material to ground.
Construction Specifications
 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 or other woody vegetation as well as over sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
 3. 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. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
 4. The structure shall be inspected after each rain and repairs made as needed.
 5. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 6. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
 7. All cut and fill slopes shall be 2:1 or flatter.
 8. The crushed stone used in the outlet shall meet AASHTO designation M63, Size No. 2 or 24 or its equivalent such as MSHA No. 2. Gravel, meeting the above gradation, may be used if crushed stone is not available. Crusher run is not acceptable.
 9. Drainage area less than 1 acre.
 U. S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE
 College Park, Md. Standard Drawing ST-3

NOTES:
 * W.O.D. DENOTES WALKOUT DOOR



APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 12-21-83

SEDIMENT CONTROL SEEDING NOTES:
 1. Notify Howard County Bureau of Inspections 48 hrs. before starting work.
 2. Install Sediment control measures in accordance with "Standards & Specifications for Soil Erosion & Sediment Control in Developing Areas" prior to any grading.
 3. All Sediment control measures to remain in place until permission for their removal has been obtained from the Sediment Control Inspector.
 4. Inspect & maintain all Sediment control measures to ensure proper functioning.
 5. All graded areas not to be paved are to be stabilized as follows:
 a. Spread 3" layer compacted topsoil to finished grade.
 b. Spread 90 lbs./1000 s.f. Dolomitic limestone & 25 lbs./1000 s.f. 10x10x10 fertilizer.
 c. Seed with 3 lbs./1000 s.f. of the following 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, & 20% Annual Rye. Rake with York Rake (Min. 2 passes), cover & compact with cultipacker or other approved method.
 d. Mulch with 70 lbs./1000 s.f. small grain straw. Spray with 0.04 gal./sq. yd. emulsified asphalt.
 e. If no germination within 4 weeks, then reseed.
 6. Temporary seeding: Use 4 lbs./1000 s.f. of annual rye.

NOTES:
 1. Notify the Howard Co. Bureau of Inspection & Permits @ least 24 hrs. before starting work.
 2. All sediment control devices are to remain in place until permission for removal has been obtained from the Howard Co. Bureau of Inspection & Permits.
 3. Structural measures such as berms, dikes, traps, basins, etc., will be installed & stabilized according to the plan prior to any disturbance of the existing surface of the site.
 4. On site inspection and maintenance of all sediment control measure including cleanout of traps and berms 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.

SEDIMENT CONTROL NOTES
 1. The contractor shall notify the Howard County Department of Inspections & Permits at least 24 hours prior to beginning any construction shown hereon (892-2486).
 2. All sediment control measures shall be installed in accordance with this plan and the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" (8/75) prior to any grading or disturbance to the surface materials.
 3. All sediment control structures to remain in place until permission for their removal has been obtained from the Sediment Control Inspector.
 4. Periodic inspection and required maintenance must be provided by the contractor or his representative until completion of the project.
 5. All graded areas, not to be paved shall be stabilized in accordance with the following:
 a. Place 3" compacted layer of topsoil to finished grade.
 b. Spread dolomitic limestone at the rate of 90 lbs./1000 sq. ft.
 c. Spread 10x10x10 commercial grade fertilizer at the rate of 25 lbs./1000 sq. ft. and disc into soil to a 3" depth.
 d. Seed prepared areas at the rate of 3 lbs./1000 sq. ft. (1) 40% Merton Kentucky Bluegrass, 40% Penn Bluegrass, 20% Penn Linn Creeping Red Fescue.
 e. All seeding shall be raked with a York Rake (Min. 2 passes covered and compacted with a Cultipacker or other approved method.
 f. Mulch all areas immediately after seeding with 70 lbs./1000 sq. ft. of small grain straw @ the rate of 0.04 gal./sq. yd. and spray with emulsified asphalt at the rate of 0.04 gal./sq. yd.
 g. All seeded areas which do not show signs of germination within 4 weeks after seeding shall be reseeded.

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DATE 12-30-83
 APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 DATE 12-23-83
 APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD COUNTY DEPT OF PUBLIC WORKS
 DATE 12-21-83
 DATE 12-21-83

CERTIFICATION BY DEVELOPER
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL, THAT ALL RESPONSIBLE PERSONNEL INVOLVED WITH THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC INSPECTION ON SITE BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.
 DATE 9/1/83

CERTIFICATION BY ENGINEER
 I CERTIFY THAT THIS PLAN OF DEVELOPMENT & PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & WORKABLE PLAN BASED ON MY KNOWLEDGE OF THE SITE CONDITIONS & THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 DATE 9-12-83

REVIEWED: FOR HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS.
 DATE 12-20-83
 APPROVED: FOR SOIL EROSION & SEDIMENT CONTROL, HOWARD SOIL CONSERVATION DISTRICT.
 DATE 11-20-83

OWNER & DEVELOPER: CONSOLIDATED HOME BUILDING
 SURVEYORS & ENGINEERS: HUDKINS ASSOCIATES, INC. 231 JOSEPH SQUARE COLUMBIA, MD. 21044

SDP-84-70
 SEDIMENT CONTROL PLAN
 LOTS 120 THRU 122 & 128 THRU 130
 COLUMBIA
 VILLAGE OF KINGS CONTRIVANCE
 SECT. 2, AREA 3, PHASE 2
 6TH ELECT. DIST. HOWARD CO. MD. - SCALE: 1"=30' JUNE 6, 1983
 TAX MAP 42 PARCEL G2 SHEET 2 OF 2