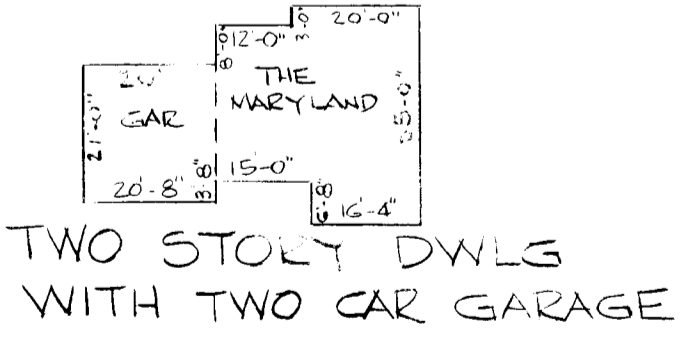
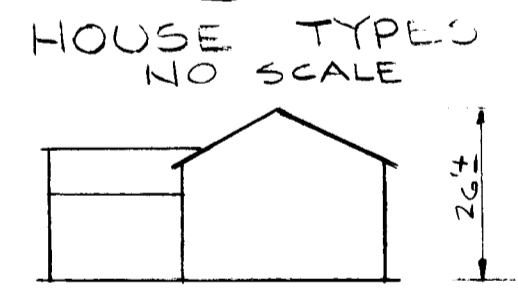


NOTE: MINIMUM SEWER ELEVATIONS SHOWN AS PER CONTRACT NO 2892-D-W5

NOTE: PLUMBING CONTRACTOR TO BE VERY CAREFUL IF PART OF LOT 15 IS TO BE CLEARED. KEEP CLEARANCES AND SLOPED TO A MINIMUM



- SITE ANALYSIS**
1. PRESENT ZONING - NEW TOWN (FDP 173-A)
 2. TOTAL NUMBER OF LOTS OR PARCELS = 1
 3. TOTAL AREA OF LOTS OR PARCELS = 11,343 SF OR 0.26 AC
 4. TOTAL AREA TO BE DISTURBED = 8500 SF OR 0.20 AC
 5. TOTAL AREA TO BE REVEGETATED = 6000 SF OR 0.14 AC
 6. PLAT REFERENCE 4595 & 4594
 7. TAX MAP 36 PART OF PARCEL 467

CONSTRUCTION SCHEDULE			
DESCRIPTION OF WORK	FROM DAT NO	TO DAT NO	TOTAL NO. DAYS
OBTAIN GRADING PERMIT	1	1	1
INSTALL SEDIMENT EROSION CONTROL DEV	1	2	1
CLEARING & ROUGH GRADING	2	3	1
EXCAVATION FOR FOUNDATIONS	3	5	2
FOOTINGS & FOUNDATION WALLS	5	15	10
CONSTRUCT STRUCTURE	15	20	45
FINE GRADING	20	22	12
EFFECTIVE STABILIZATION	22	30	28

NOTE:
 1. OBTAIN GRADING PERMIT
 2. ADJUST CONSTRUCTION SCHEDULE DUE TO UNCLEMANT WEATHER
 3. ALL DISTURBED AREAS TO BE STABILIZED WITHIN 180 DAYS
 4. APPROXIMATE STARTING DATE: MARCH 1, 1984
 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
Thomas J. Amist 4-18-84
 PLANNING DIRECTOR DATE
John W. Muehlen 4-18-84
 CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. DATE

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT.
Joseph B. Gyles 4-17-84
 COUNTY HEALTH OFFICER DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS, & PUBLIC ROADS HOWARD COUNTY DEPT. OF PUBLIC WORKS
Walter F. Nalley 4-16-84
 DIRECTOR DATE
William E. Rely 4-13-84
 CHIEF, BUREAU OF ENGINEERING DATE

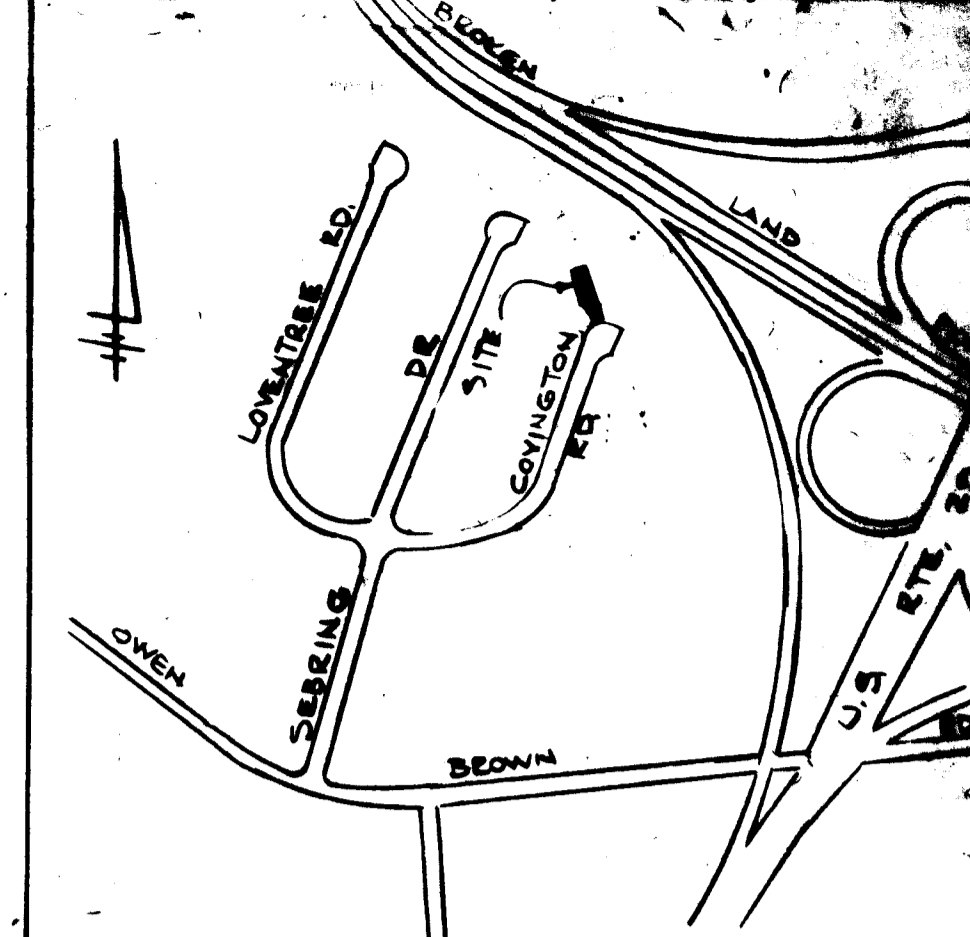
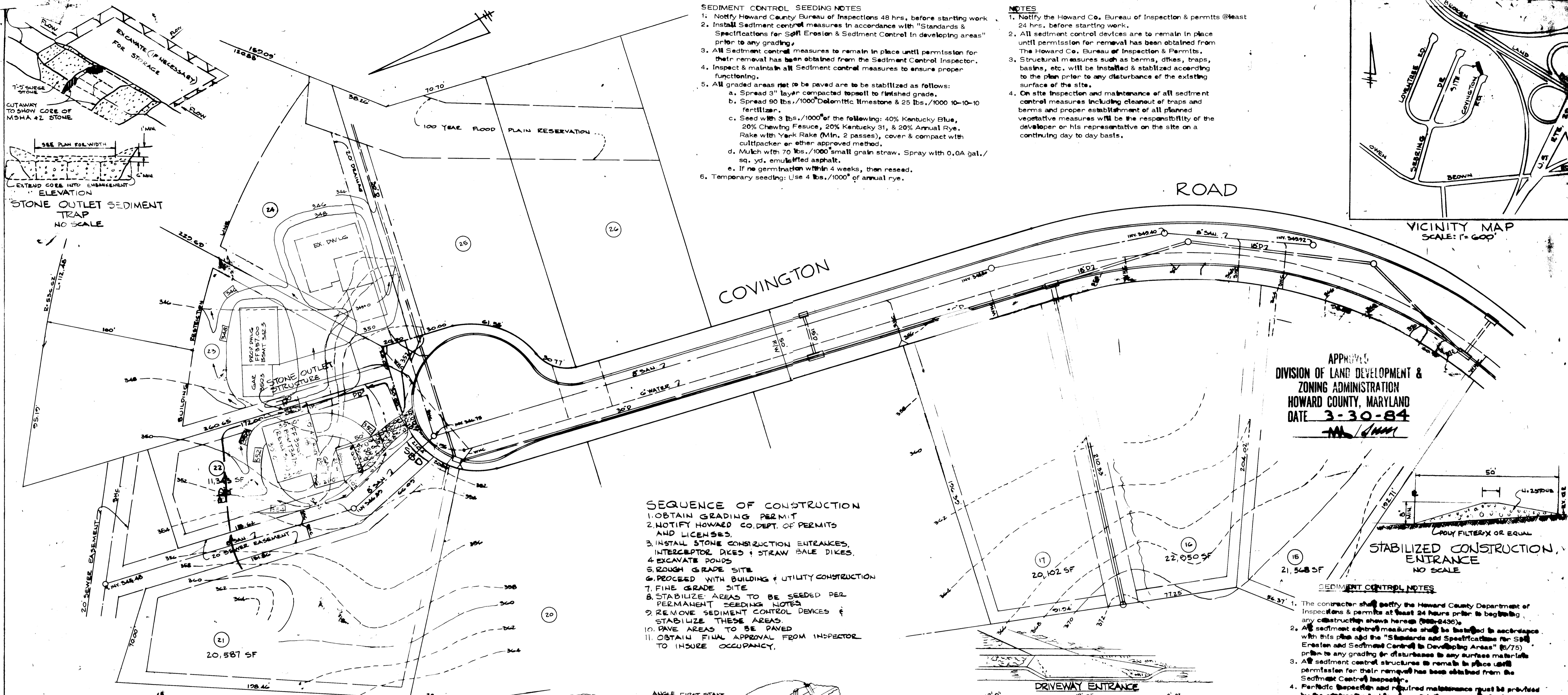
CERTIFICATION BY DEVELOPER
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL & THAT ALL RESPONSIBLE PERSONNEL INVOLVED WITH THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC INSPECTION ON SITE BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.
Walter Park 7-5-83
 SIGNATURE DATE

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 AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
Walter Park 7-5-1983
 WALTER PARK
 PROFESSIONAL L.S. # 5530
 HUDKINS ASSOCIATES, INC.
 SUITE 231 JOSEPH SQUARE
 5485 HARPERS FARM ROAD
 COLUMBIA, MD 21044

REVIEWED: FOR HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS.
James M. Johnson 4-12-84
 U.S. SOIL CONSERVATION SERVICE DATE
 APPROVED: FOR SOIL EROSION & SEDIMENT CONTROL, HOWARD SOIL CONSERVATION DISTRICT.
James M. Johnson 7-5-83
 SIGNATURE DATE

ADDRESS CHART				
LOT No	STREET ADDRESS			
22	6081 COVINGTON ROAD			
SUBDIVISION NAME		SECT / AREA	LOT / PARCEL #	
COLUMBIA VILLAGE OF HICKORY RIDGE		2 1	22 PART OF 467	
PLAT # OR L/F	BLOCK	ZONE	TAX / ZONE MAP ELECT. DIST.	LEASING TRACT
4595	7	NT SFLD	36 5TH	6053.06
WATER CODE		SEWER CODE		
E 30		5521000		

SITE DEVELOPMENT PLAN
 LOT 22 COLUMBIA VILLAGE OF HICKORY RIDGE
 SECT. 2 AREA 1
 5TH ELECTION DISTRICT, HOWARD CO. MD
 SCALE 1" = 30' DATE 7-5-83 REV. JAN 4, 1984



- 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./1000² Dolomitic limestone & 25 lbs./1000 10-10-10 fertilizer.
 - c. Seed with 3 lbs./1000² of the following: 40% Kentucky Blue, 20% Chewng 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 small grain straw. Spray with 0.0A gal./sq. yd. emulsified asphalt.
 - e. If no germination within 4 weeks, then reseed.
 6. Temporary seeding: Use 4 lbs./1000² 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 measures 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.

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE **3-30-84**
 [Signature]

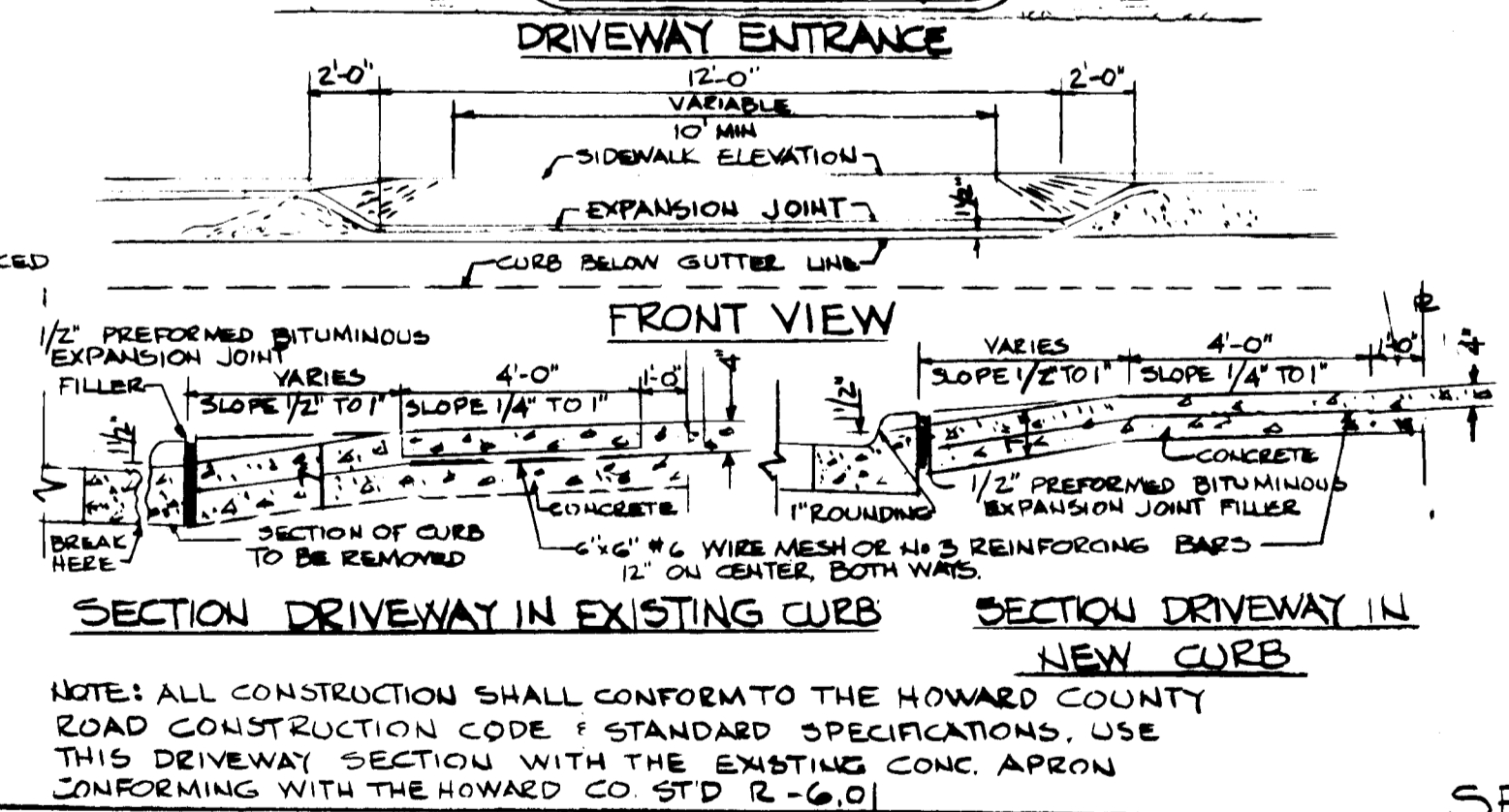
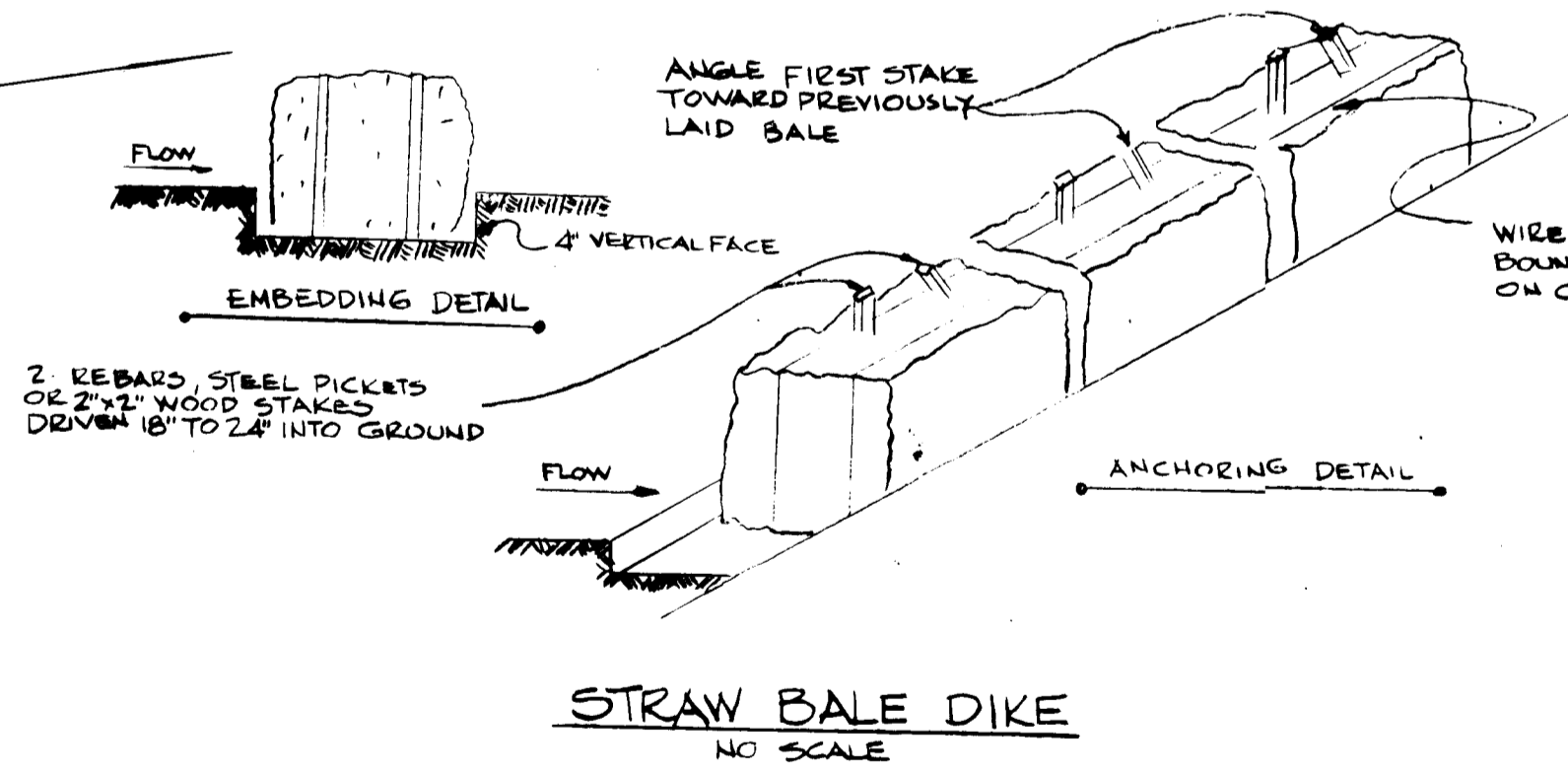
- SEQUENCE OF CONSTRUCTION**
1. OBTAIN GRADING PERMIT
 2. NOTIFY HOWARD CO. DEPT. OF PERMITS AND LICENSES.
 3. INSTALL STONE CONSTRUCTION ENTRANCES, INTERCEPTOR DIKES & STRAW BALE DIKES.
 4. EXCAVATE PONDS
 5. ROUGH GRADE SITE
 6. PROCEED WITH BUILDING & UTILITY CONSTRUCTION
 7. FINE GRADE SITE
 8. STABILIZE AREAS TO BE SEED PER PERMANENT SEEDING NOTES
 9. REMOVE SEDIMENT CONTROL DEVICES & STABILIZE THESE AREAS
 10. PAVE AREAS TO BE PAVED
 11. OBTAIN FINAL APPROVAL FROM INSPECTOR TO INSURE OCCUPANCY.

STABILIZED CONSTRUCTION ENTRANCE
 NO SCALE

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 (S&S-2400).
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" (S/75) prior to any grading or disturbance to any 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 on a daily basis to ensure proper functioning of all sediment control structures.
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./1,000 sq. ft.
 - c. Spread 10-10-10 commercial grade fertilizer at the rate of 25 lbs./1,000 sq. ft. and the topsoil a 3" depth.
 - d. Seed prepared areas at the rate of 3 lbs./1,000 sq. ft. (40% Kentucky Bluegrass, 20% Chewng Fescue, 20% Kentucky 31, & 20% Annual Rye)
 - e. All seeding shall be raked with a York Rake in 2 passes covered and compacted with a Cultipacker or other approved method.
 - f. Mulch all areas immediately after seeding with upwashed small grain straw at the rate of 70 lbs./1,000 sq. ft. 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.

- 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. of 10-10-10 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 has been prepared on sloping land the final harrowing or discing should be on the contour.
 4. Mulch with straw @ 75 lbs./1000 s.f.



APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 [Signature] DATE **4-18-84**
 PLANNING DIRECTOR
 [Signature] DATE **4-18-84**
 CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 [Signature] DATE **4-17-84**
 COUNTY HEALTH OFFICER

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS, & PUBLIC ROADS
 HOWARD COUNTY DEPT. OF PUBLIC WORKS
 [Signature] DATE **4-16-84**
 DIRECTOR
 [Signature] DATE **4-13-84**
 CHIEF, BUREAU OF ENGINEERING

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 onsite by the Howard County Soil Conservation District or their authorized Agents as are deemed necessary.
 [Signature] DATE **7/5/83**

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 and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
 Walter Park
 Professional L.S. # 5539
 WILKINS ASSOCIATES INC.
 SUITE 231 JOSEPH SQUARE
 5485 HARRIS FARM ROAD
 COLUMBIA, MD. 21044
 [Signature] DATE **4-12-84**

REVIEWED: FOR HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS.
 [Signature] DATE **4-12-84**
 U.S. SOIL CONSERVATION SERVICE
 APPROVED: FOR SOIL EROSION & SEDIMENT CONTROL, HOWARD SOIL CONSERVATION DISTRICT.
 [Signature] DATE **4-12-84**

SEDIMENT CONTROL PLAN
 LOT 22 COLUMBIA
 VILLAGE OF HICKORY RIDGE
 SECTION 2, AREA 1
 5TH ELECTION DISTRICT, HOWARD COUNTY
 SCALE: 1" = 30' DATE 7-5-83-REV JAN 4, 1984
 DEVELOPER: CONSOLIDATED HOME BUILDING CORP. SUITE 116 GORMAN PLAZA BLDG. COLUMBIA, MD. 21045
 OWNER: HOWARD RESEARCH & DEV. CORP. THE ROUSE BLDG. COLUMBIA, MD. 21044
 WILKINS ASSOCIATES, INC. 200 EAST JOPPA ROAD ROOM 101 SHELL BUILDING COLUMBIA, MARYLAND 21045
 SH. 2 OF 2