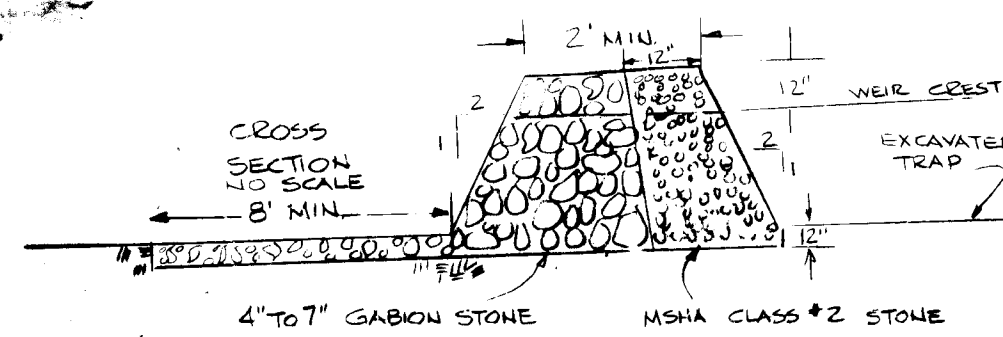


**STONE OUTLET SEDIMENT TRAP\***



**STONE OUTLET SEDIMENT TRAP\***

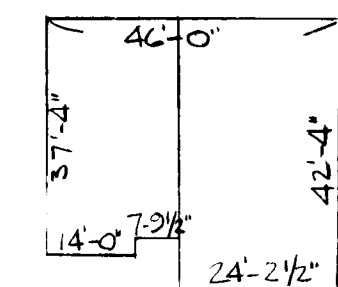
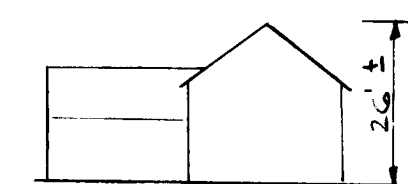
- THE STONE SHALL BE CRUSHED STONE, GRAVEL MAY BE USED IF CRUSHED STONE IS NOT AVAILABLE. THE STONE SHALL MEET MSHA SIZE #2 OR AASHTO DESIGNATION #43 SIZE #2 OR 24 UNLESS GABION IS REQUIRED ON PLAN.
- THE CREST OF THE STONE DIKE SHALL BE AT LEAST SIX INCHES LOWER THAN THE LOWEST ELEVATION OF THE TOP OF THE EARTH DIKE AND SHALL BE LEVEL.
- THE STONE OUTLET STRUCTURE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF 12'.
- THE MINIMUM LENGTH IN FEET OF THE CREST OF THE STONE OUTLET STRUCTURE SHALL BE EQUAL TO SIX TIMES THE NUMBER OF ACRES OF CONTRIBUTING DRAINAGE AREA.
- THE STONE OUTLET STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND THE STONE SHALL BE REPLACED WHEN THE STRUCTURE CEASED TO FUNCTION AS INTENDED DUE TO SILT ACCUMULATION AMONG THE STONE WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.
- THE STONE OUTLET STRUCTURE SHALL BE LOCATED SO AS TO DISCHARGE INTO AN ALREADY STABILIZED AREA OR INTO A STABLE WATERCOURSE. STABILIZATION SHALL CONSIST OF COMPLETE VEGETAL COVER, PAVING, ETC. SUFFICIENTLY ESTABLISHED TO BE EROSION RESISTANT.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE SHALL BE PROVIDED.
- THE FOLLOWING DIMENSIONS FOR THE GIVEN LOT SIZES ARE ACCEPTABLE FOR SINGLE LOT RESIDENTIAL PROTECTION WHEN UNIT COMPLETION RENDER THE APPROVED PLAN NO LONGER WORKABLE.

LOTSIZE	1/4 AC	1/2 AC	1 AC
LENGTH	2'	3'	6'
DEPTH	2'	2'	2'
TOP LENGTH	11"	26"	26"
BOT WIDTH	11"	11"	12"
BOT AREA	121 sq	286 sq	144 sq

\* CAN BE ADJUSTED IN THE FIELD BUT BOTTOM AREA MUST BE AS GIVEN OR GREATER.  
\* DRAIN AREA LESS THAN 5 ACRES.

**SITE ANALYSIS**

1. ZONING - NEWTOWN - FDP-173-A, 5 FM D
2. TOTAL NUMBER OF LOTS OR PARCELS 1
3. TOTAL AREA OF LOTS OR PARCELS 16,760 SF OR 0.385 AC
4. TOTAL AREA TO BE DISTURBED 0.17 AC
5. TOTAL AREA TO BE REVEGETATED 0.12 AC
6. PLAT REFERENCE N.4505

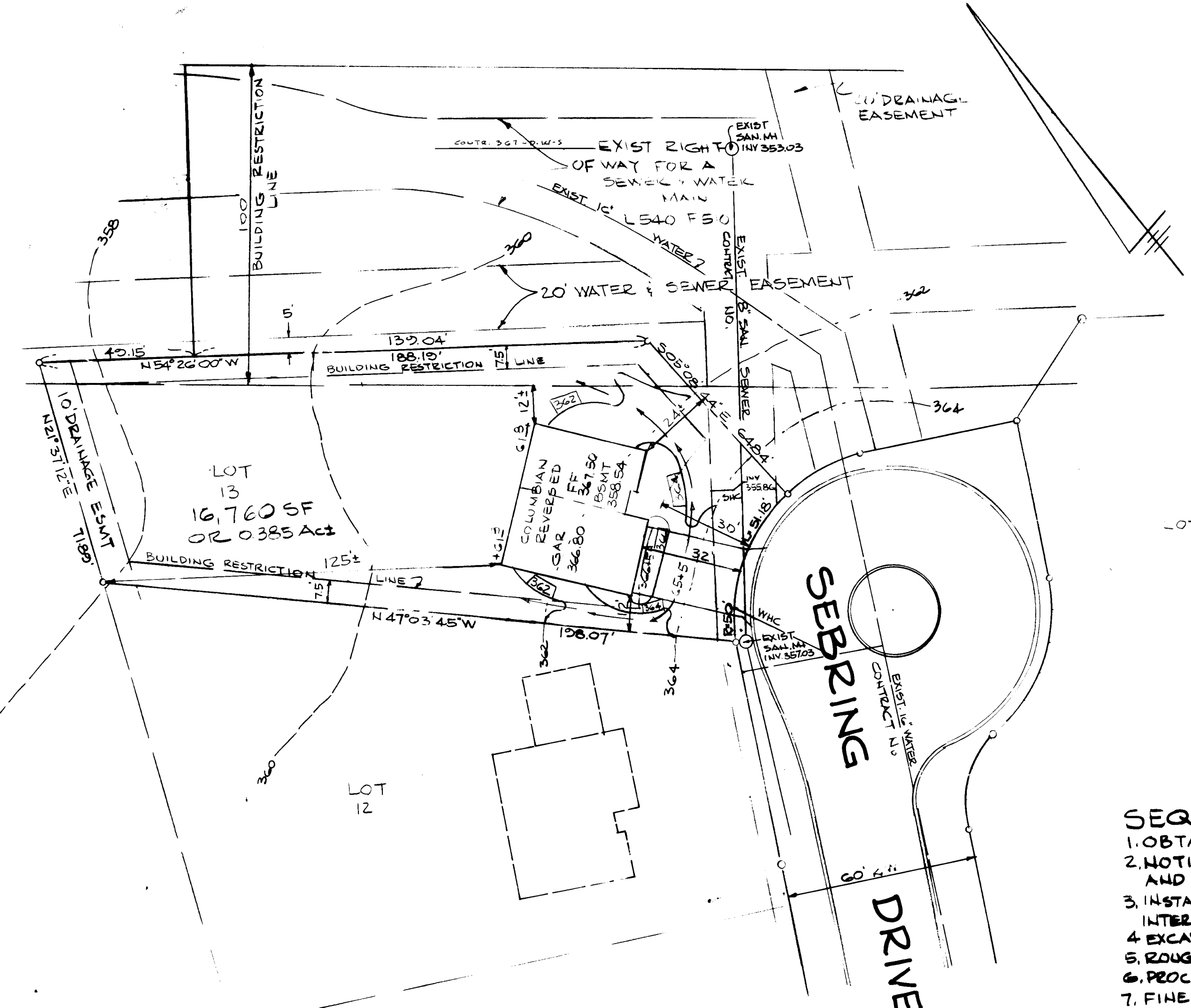
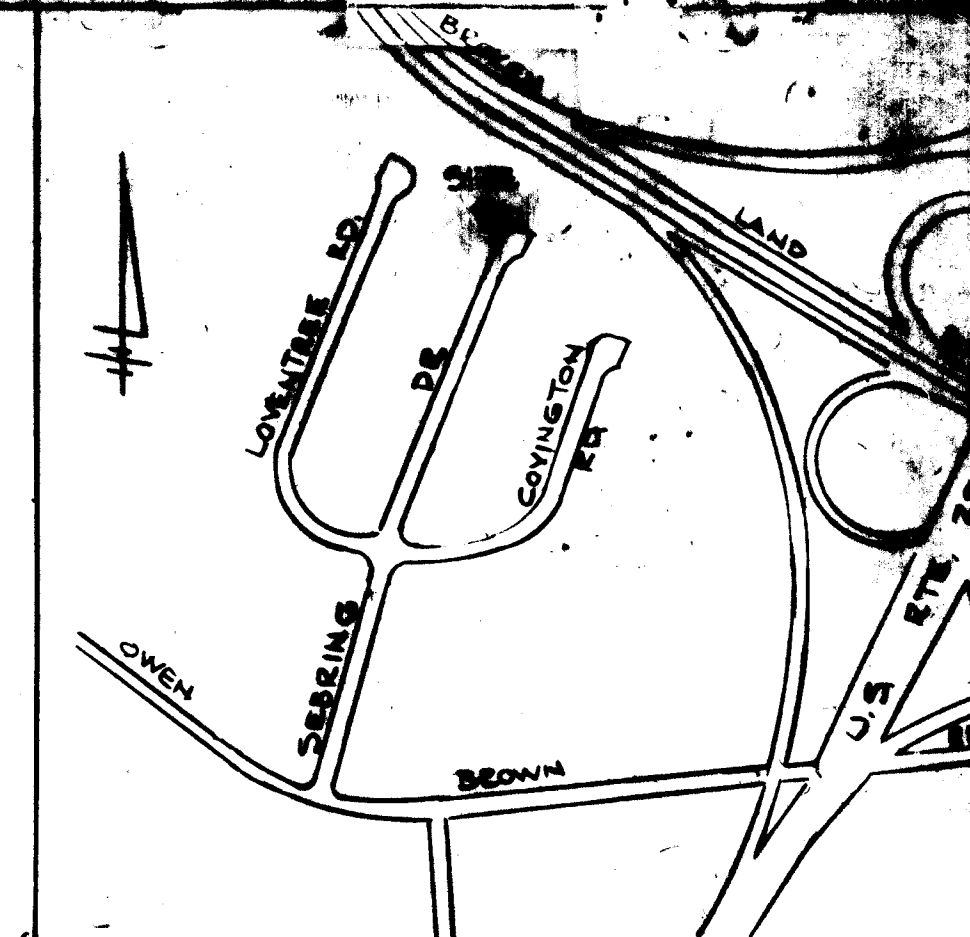


THE "COLUMBIAN" WITH TWO CAR GARAGE

CONSTRUCTION SCHEDULE			
DESCRIPTION OF WORK	FROM DAY NO	TO DAY NO	TOTAL NO DAYS
OBTAIN GRADING PERMIT	1	1	1
INSTALL SEDIMENT CONTROL DEVICES	1	3	2
CLEARING & ROUGH GRADING	3	4	1
EXCAVATION FOR FOUNDATIONS	4	6	2
ERECTING FOUNDATION WALLS	6	11	5
CONSTRUCT STRUCTURE	11	80	69
FINE GRADING	80	82	2
EFFECTIVE STABILIZATION	82	90	8

- 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: APRIL 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.

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
13	6034 SEEBING DRIVE

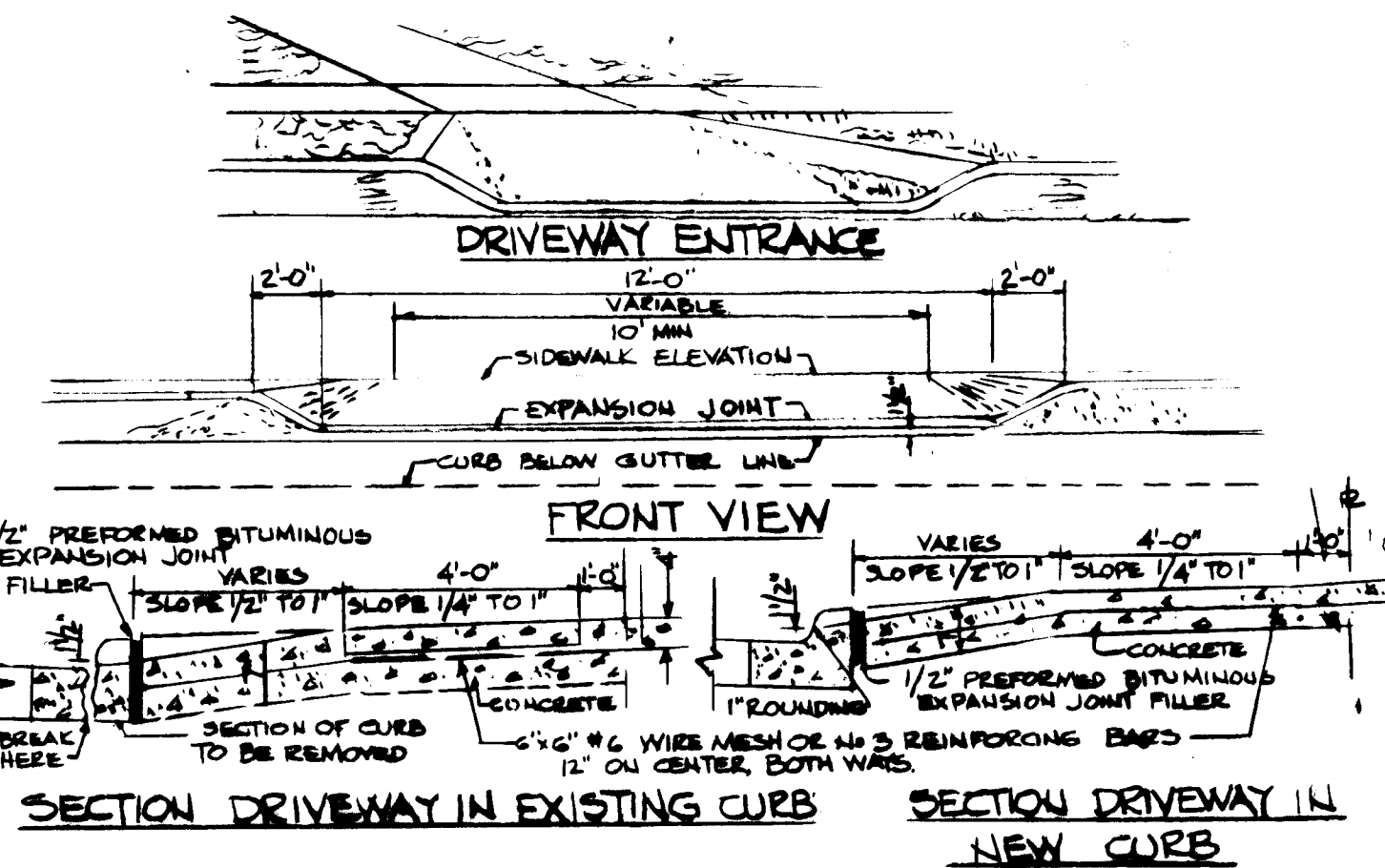
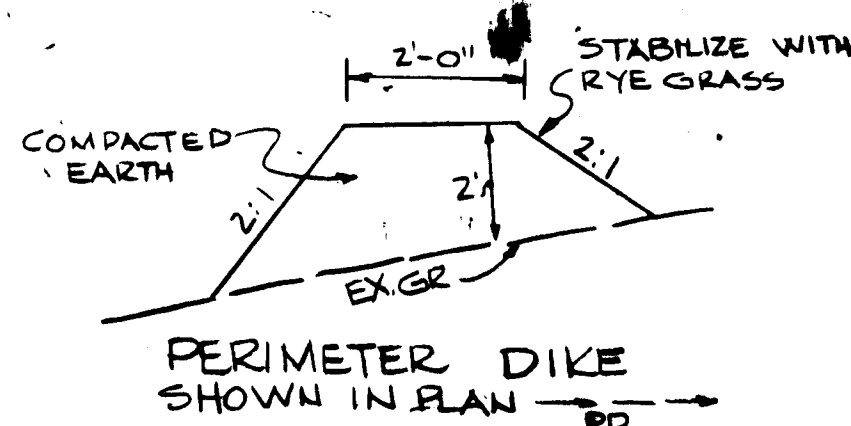
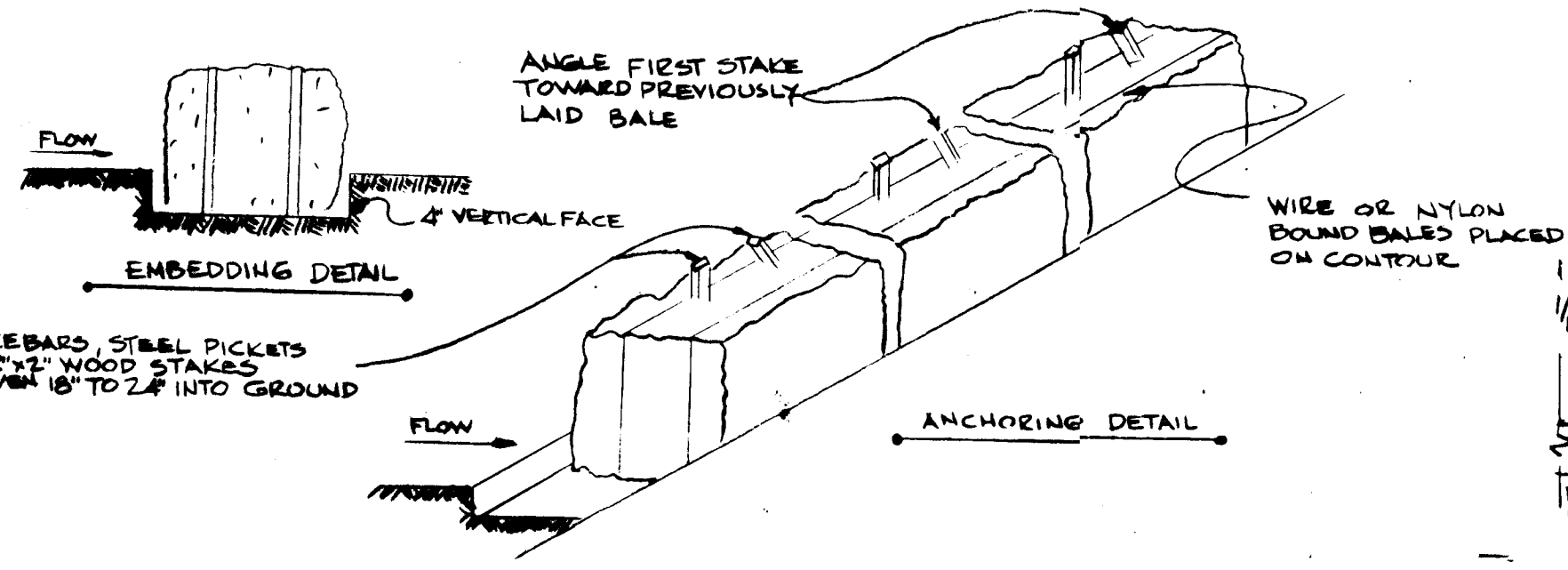


**SEQUENCE OF CONSTRUCTION**

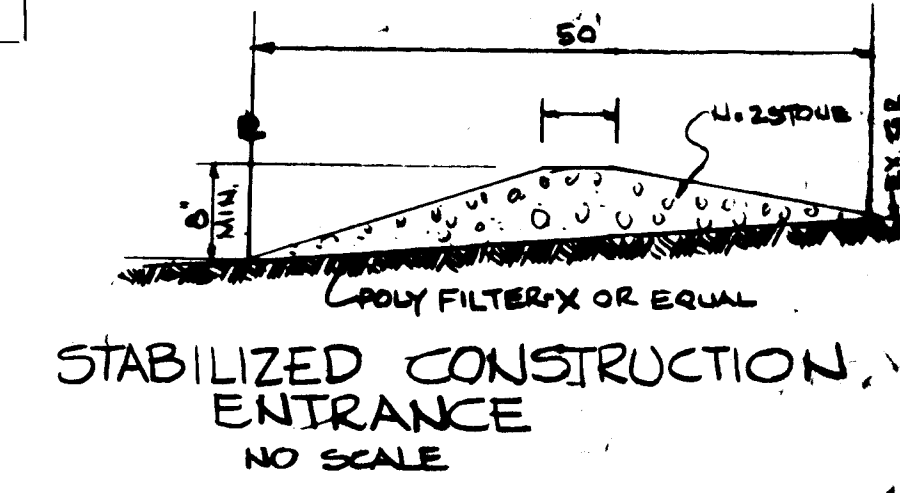
1. OBTAIN GRADING PERMIT
2. NOTIFY HOWARD CO. DEPT. OF PERMITS AND LICENSES.
3. INSTALL STONE CONSTRUCTION ENTRANCES, INTERCEPTOR DIKES & STRAW BALE DIKES.
4. EXCAVATE PONDS
5. ROUGH GRADE SITE
6. PROCEED WITH BUILDING & UTILITY CONSTRUCTION
7. FINE GRADE SITE
8. STABILIZE AREAS TO BE SEEDED PER PERMANENT 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.

**TEMPERARY SEEDING NOTES**

1. Seed immediately upon construction with 1 lb. rye grass per 1000 sq. ft.
2. Apply 40 lbs./1000 sq. ft. of pulverized dolomitic limestone and 115 lbs. to 16.4 lbs./1000 sq. ft. of 10x10x10 or equivalent fertilizer.
3. Narrow or disc the area and firm into the soil to a depth of at least 3 inch compacted surface 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 sq. ft.



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. R-6.01



**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 (882-6430).
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 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 3/4" or less crushed granite.
  - b. Spread dolomitic limestone at the rate of 20 lbs./1,000 sq. ft.
  - c. Spread 10-15-15 commercial grade fertilizer at the rate of 25 lbs./1,000 sq. ft. and the 3/4" or less crushed granite at the rate of 3 lbs./1,000 sq. ft.
  - d. Seed prepared areas at the rate of 3 lbs./1,000 sq. ft.
  - e. 40% Merlon Kentucky Bluegrass, 40% common Kentucky Bluegrass, 20% Penn Lawns Creeping Red Fescue
  - f. All seeding shall be rolled with a tank roller or other similar device covered and compacted with a 2000 lb. roller or equivalent.
  - g. Mowed areas immediately after seeding with urea fertilizer at the rate of 10 lbs./1,000 sq. ft. and with an additional amount at the rate of 10 lbs./1,000 sq. ft. after 4 weeks.
  - h. All areas not to be paved shall be stabilized with a 4" thick layer of crushed granite.

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
Acting Planning Director: *Smallwood* DATE: 7-6-84  
Acting Chief: *Smallwood* DATE: 7-6-84  
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
County Health Officer: *John Pappas* DATE: 7-5-84

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS, & PUBLIC ROADS HOWARD COUNTY DEPT. OF PUBLIC WORKS  
Director: *Walter F. Nemmer* DATE: 7-29-84  
Chief, Bureau of Engineering: *Walter F. Nemmer* DATE: 7-29-84

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: *Smallwood* DATE: 7-6-84

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.I. # 5536  
HUDKINS ASSOCIATES, INC.  
SUITE 231, JOSEPH SQUARE  
5485 HARPERS FARM ROAD  
COLUMBIA, MD 21044  
Date: 7-6-84

REVIEWED: FOR HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS.  
Signature: *James M. Hottel* DATE: 6/28/84  
U.S. SOIL CONSERVATION SERVICE  
APPROVED: FOR SOIL EROSION & SEDIMENT CONTROL, HOWARD SOIL CONSERVATION DISTRICT.  
Signature: *Stephen L. Tucker* DATE: 4/28/84

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
COLUMBIA VILLAGE OF HICKORY RIDGE	2 1	5
PLAT # OR L/F	BLOCK	ZONING
4595	7	5FMD
TAXING MAP	ELECT. DIST.	CENSUS TRACT
36	3TH	6053 02
WATER CODE (E 30)	SEWER CODE (5521000)	
SITE DEVELOPMENT PLAN & SEDIMENT CONTROL PLAN LOT 13 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 2 AREA 1 5TH ELECTION DISTRICT, HOWARD COUNTY MARYLAND SCALE: 1" = 30'		
OWNER + DEVELOPER CONSOLIDATED HOME BUILDING CORP SUITE 116 GORMAN PLAZA BLDG. COLUMBIA, MARYLAND 21045	ENGINEER HUDKINS ASSOCIATES, INC 3485 HARPERS FARM ROAD COLUMBIA, MD 21045	