

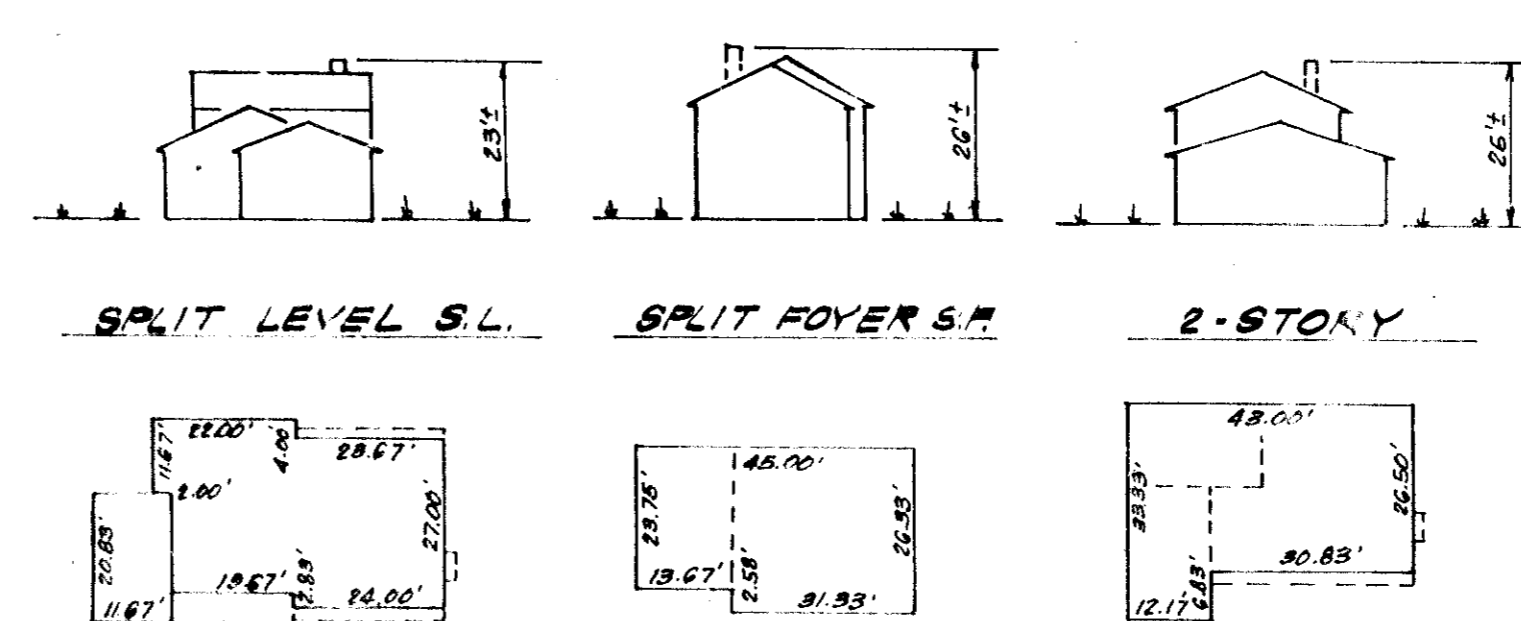
**BUFFER PLANT SCHEDULE**

KEY	PLANT NAME	SIZE
⊕	Quercus palustris	14-16' ht. 3-3 1/2' cal.
⊕	Quercus phellos	14-16' ht. 3-3 1/2' cal.
⊕	Pinus nigra	8-10' ht.
⊕	Pinus nigra	6-8' ht.
⊕	Pinus strobus	8-10' ht.
⊕	Pinus strobus	6-8' ht.
⊕	Crataegus oxyacantha suberba	8-10' ht.

NOTE: All planting shall be in accordance with HRD Columbia planting specifications. Final locations of plant material may vary in the field according to the landscape architect. Varieties of plant material may vary slightly depending on availability at time of planting.

**LEGEND**

1. Contour Interval	2 Ft.
2. Existing Contours	---
3. Proposed Contours	---
4. Spot Elevations	+90'
5. Direction of Drainage	→
6. Yard Requirements:	
Front - 20 Ft. on 50' Wide Street.	
30 Ft. on 60' Wide Street	
Side - 7.5 Ft. (Min.)	



TYPICAL HOUSES  
No Scale

- GENERAL NOTES**
- The land included in this plan is zoned New Town (S.F.M.D.)
  - The lots shown on this plan are covered by Final Development Plan Phase 100-A recorded in Plat Book 20 Folio 149 to 157
  - All coordinates are based on Maryland State Grid System. Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum of 1929.
  - The Area covered in this submission is located on Tax Map No. 35
  - The Total Area included in this plan is 3.609 Acres.
  - All Roadways shown are public & existing.
  - Any damage to County owned Rights-of-Way or paving shall be corrected at the Developer's expense.
  - Existing topography is from Field Survey. Elevations and/or contours for the top of curbs on Sunny Spring and Golden Hook are 'as built'.

NOTE: For bearings and distances of individual lot lines, see record plat recorded as Plat #3593

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER  
 DATE 7-19-77

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR  
 DATE 7-20-77

CHIEF DIVISION OF LAND DEVELOPMENT  
 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR  
 DATE 7-19-77

CHIEF BUREAU OF HIGHWAYS  
 DATE 11-5-77

APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 DATE 4-6-77

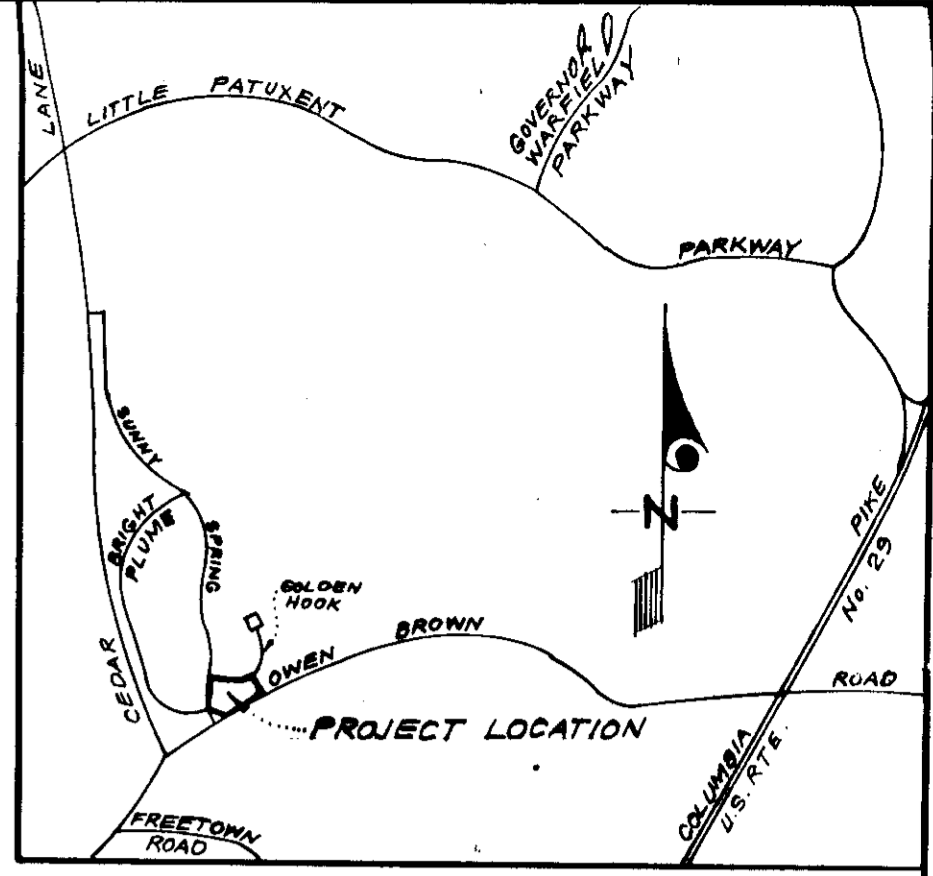
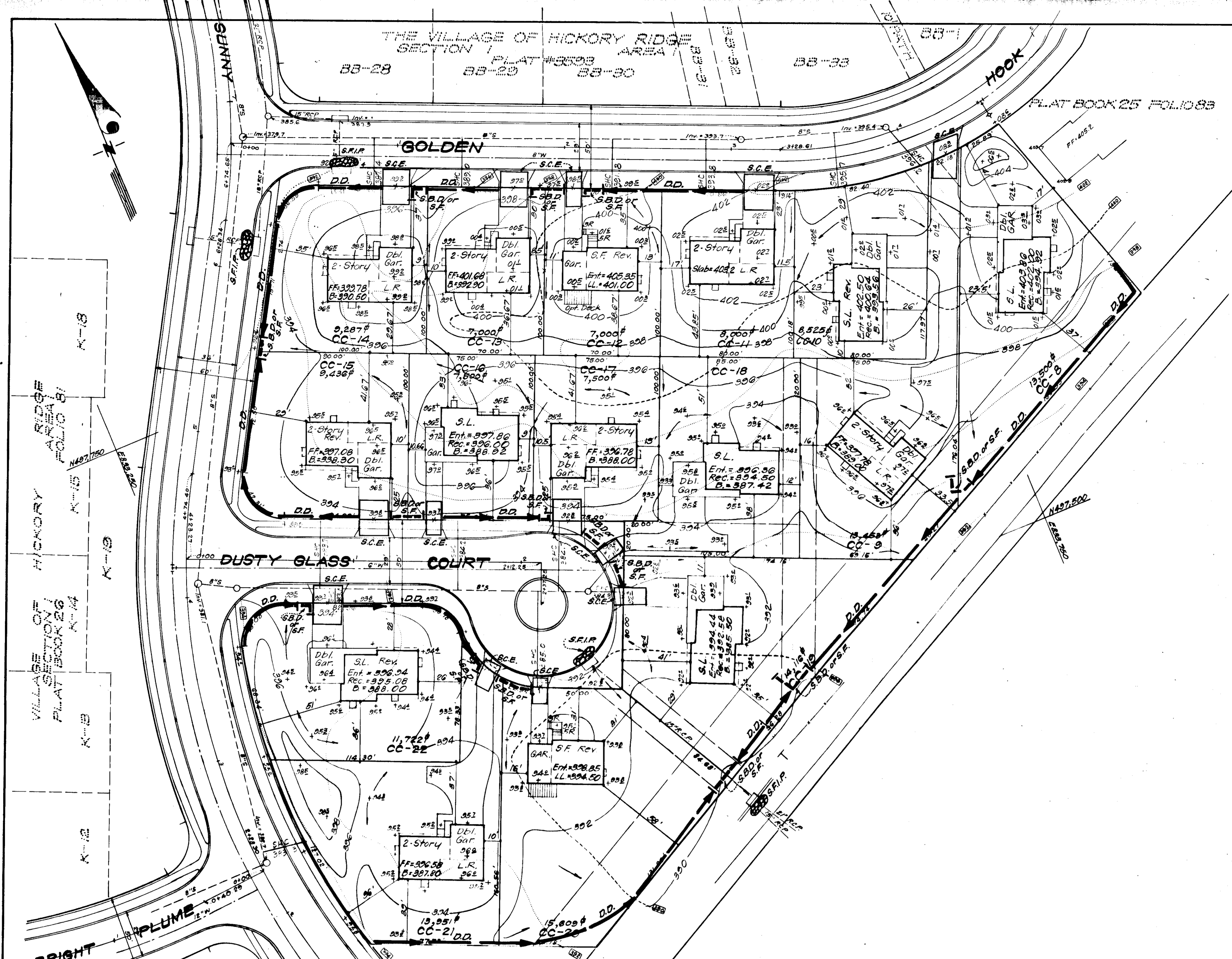
Signature: *[Handwritten Signature]*

**CLARK • FINEFROCK & SACKETT**  
 ENGINEERS • PLANNERS • SURVEYORS  
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 582-3400

DESIGNED	SITE DEVELOPMENT PLAN LOTS CC-8 THRU CC-22	SCALE 1"=30'
DRAWN	<b>COLUMBIA</b>	DRAWING 10'x3
CHECKED	THE VILLAGE OF HICKORY RIDGE SECTION 1 AREA 1 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE	FOR: COLUMBIA BUILDERS, INC. 606 American City Building Columbia, Maryland 21044	FILE NO. 1246-X

DATE Mar., 1977

SDP 77-69C  
 See Also: 1231-515  
 117-R



**LEGEND**

1. Contour Interval 2 Ft.
2. Existing Contours ---
3. Proposed Contours ---
4. Spot Elevations +
5. Direction of Drainage →
6. Yard Requirements:   
 Front - 20 Ft. on 50' Wide Street   
 30 Ft. on 60' Wide Street   
 Side - 7.5 Ft. (Min.)
7. Diversion Dike D.D.
8. Straw Bale Dike or Silt Fence ---
9. Stone Filter Inlet Protection S.F.I.P.
10. Stone Construction Entrance S.C.E.

Reviewed for... HOWARD... S.C.D.   
 Name   
 and meets Technical Requirements   
W. Wayne Ray 1/6/77   
 Signature Date   
 U.S. Soil Conservation Service

APPROVED   
 DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND   
 DATE 4-6-77   
*mm*

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

*John D. Mlynes* 7-6-77   
 Approved Date

NOTE:   
 For bearings and distances of individual lot lines, see   
 record plat recorded as Plat # 3593

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE   
 SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT   
James Bond 7-19-77   
 HEALTH OFFICER DATE   
 APPROVED FOR PLANNING AND ZONING   
 DEPARTMENT, HOWARD COUNTY OFFICE OF PLANNING & ZONING   
William R. Bond 7-19-77   
 PLANNING DIRECTOR DATE   
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,   
 FLOOD DRAINAGE SYSTEMS, AND PUBLIC ROADS   
 DEPARTMENT, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS   
William R. Bond 7-19-77   
 CHIEF ENGINEER DATE

**DEVELOPER'S CERTIFICATE**

I certify that all development and/or construction   
 will be done according to this plan of development   
 and plan for Erosion and Sediment Control, and I also   
 authorize periodic on-site inspection by the Howard   
 Soil Conservation District or their authorized agents   
 as deemed necessary. Deviation from this plan   
 will not be made unless authorized by the Howard   
 Soil Conservation District.

B. James Bond 3-15-77   
 Signature Date

**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 Conserva-   
 tion District.

S. Nelson Clark 3-15-77   
 Signature Date

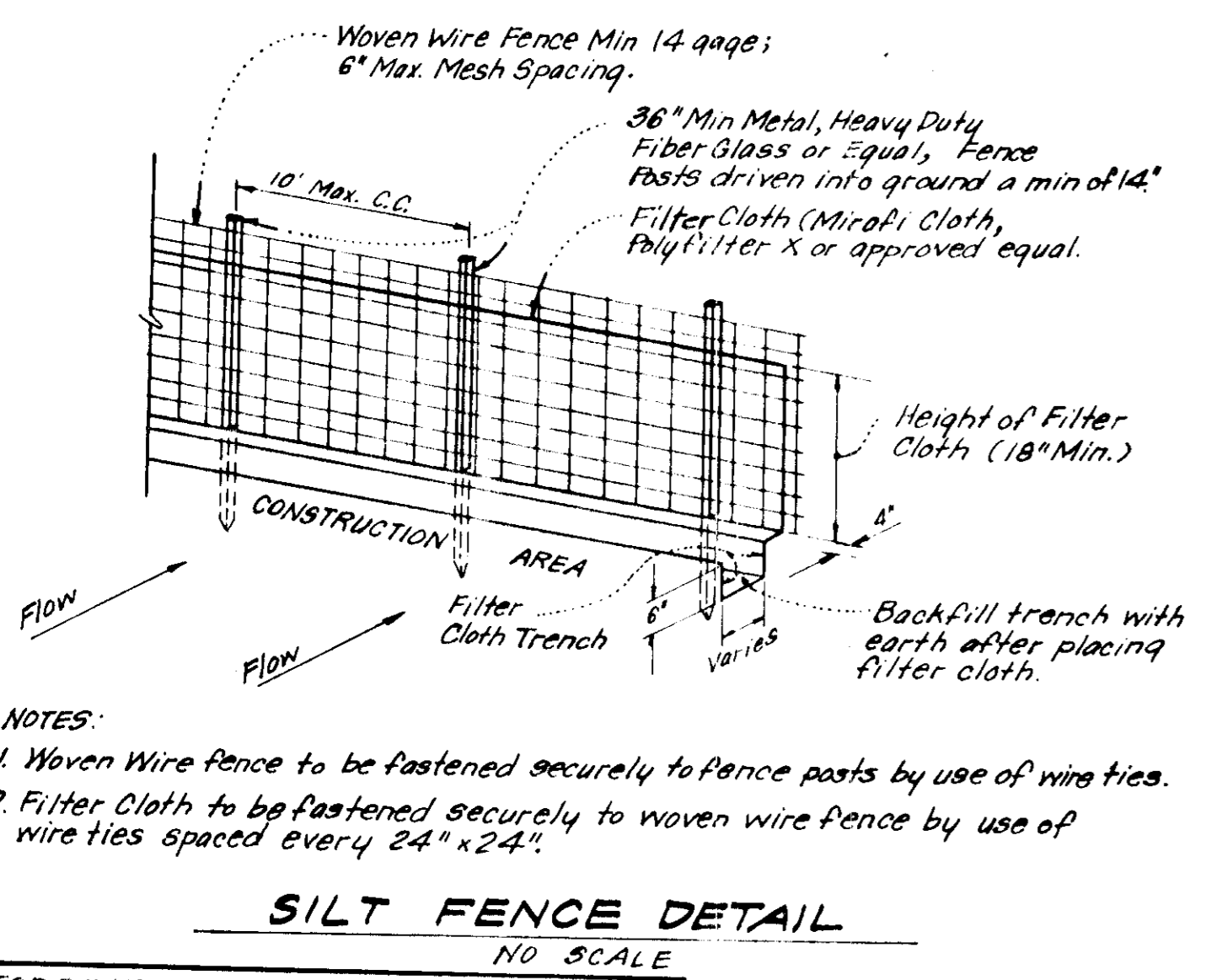
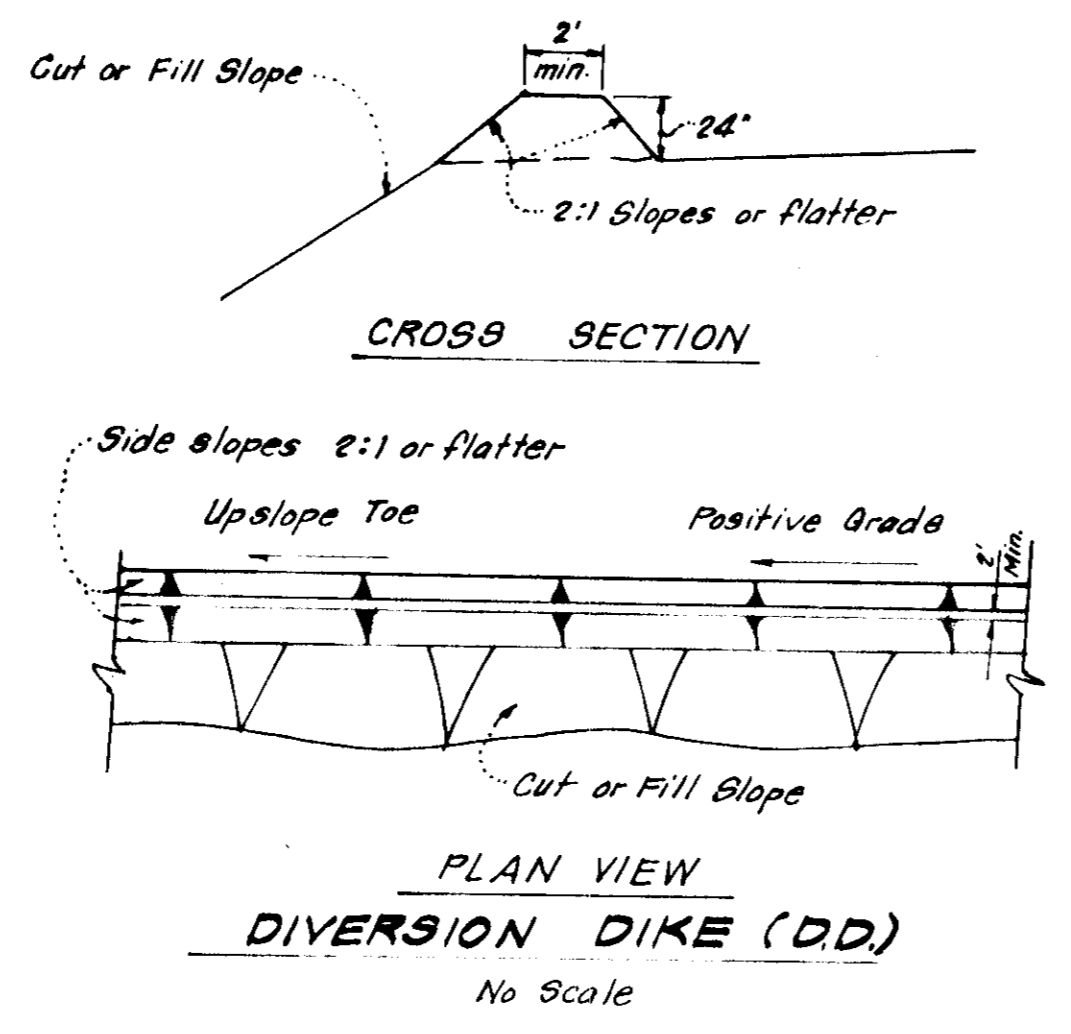
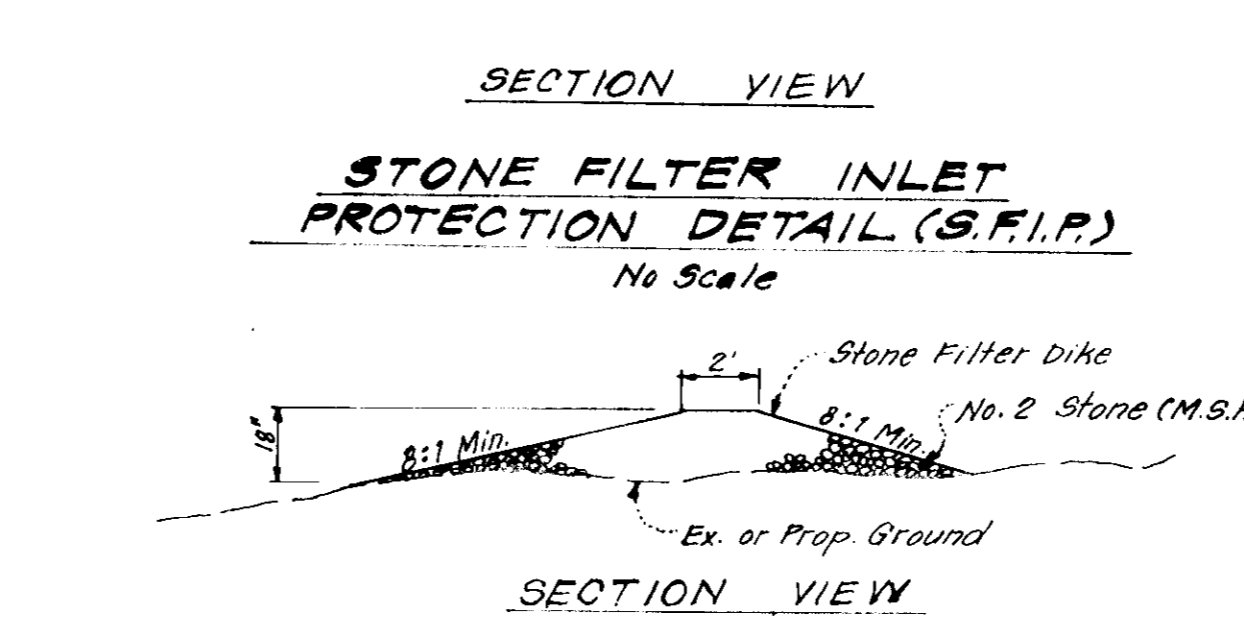
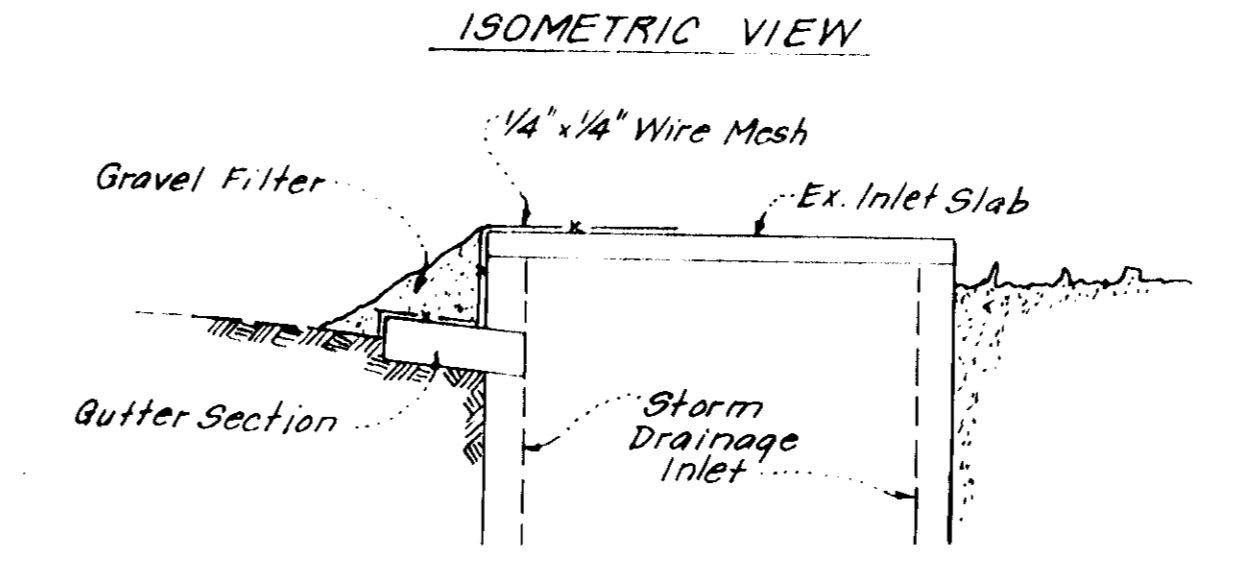
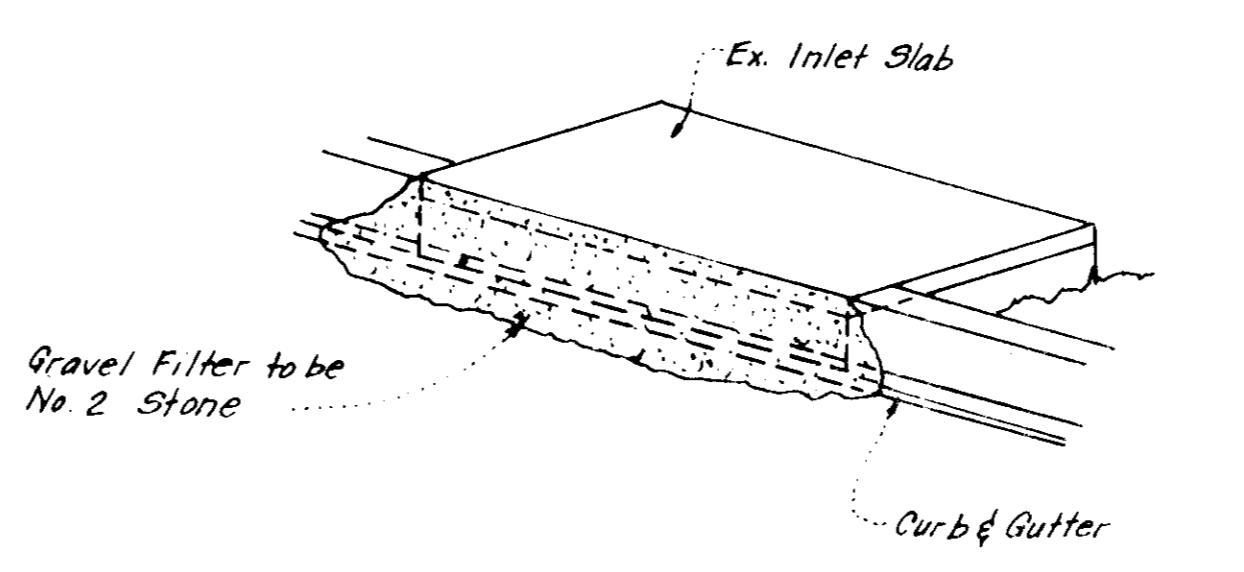
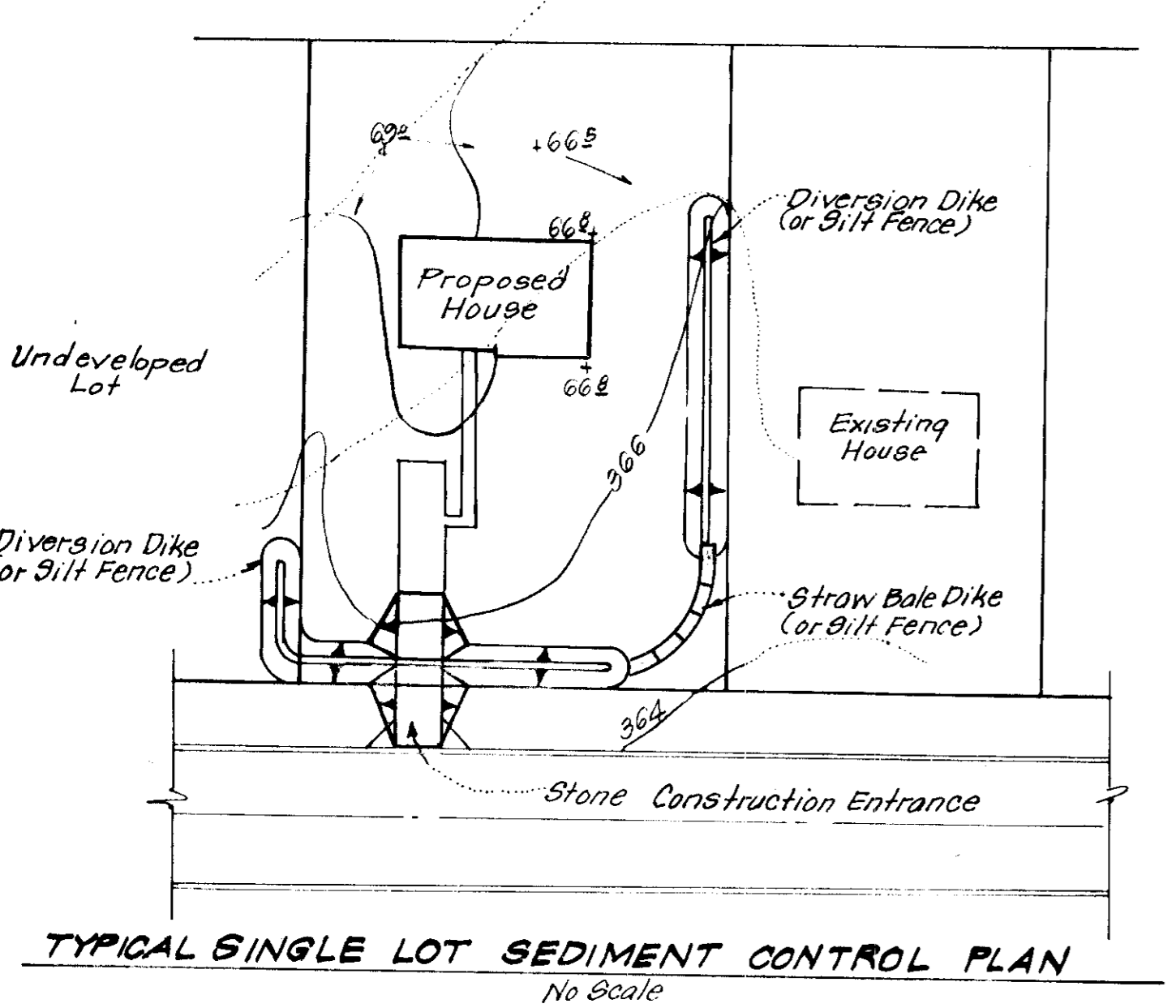
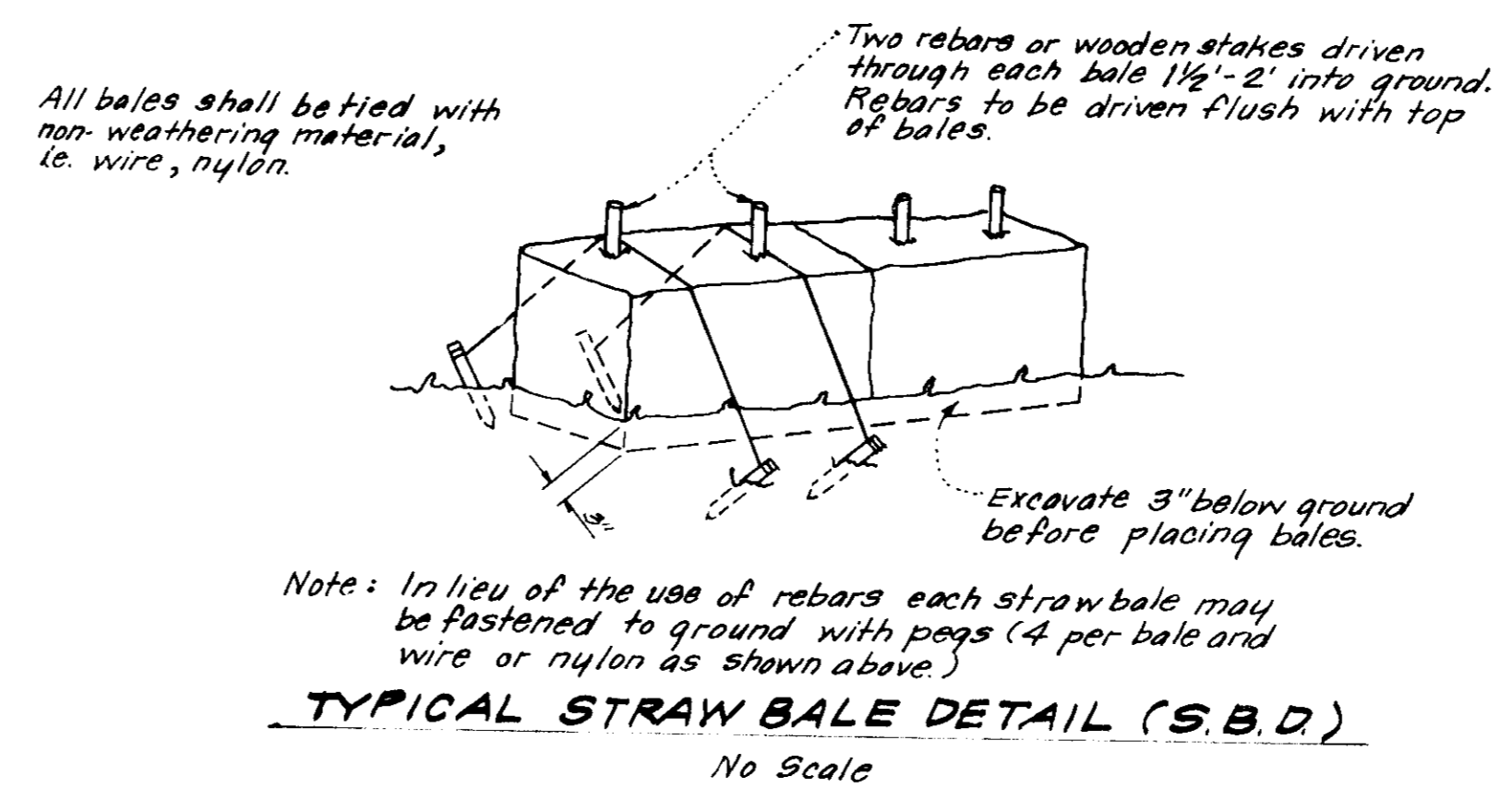


<b>CLARK • FINEROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED D.B.S.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS CC-8 THRU CC-22	SCALE 1" = 30'
DRAWN K.I.W.	<b>COLUMBIA</b>	DRAWING 2 OF 3
CHECKED G.N.C.	THE VILLAGE OF HICKORY RIDGE SECTION 1 AREA 1 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE Mar, 1977	FOR: COLUMBIA BUILDERS, INC. 606 American City Building Columbia, Maryland 21043	FILE NO. 1231-3E

SDP 77-69c See Also 1231-X 1117-R

GENERAL NOTES

- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing, or disturbance of the existing surface of the site. See Note #5 for stabilization except that the seed mixture will be annual rye applied at the rate of 1.4 lbs/1000 sq.ft.
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
- All Sediment Control Practices to conform to the Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas and shall be adjusted to meet actual field conditions.
- Stabilization of disturbed ground to be done as soon after construction as possible.
- All grading shall be treated in accordance with the following Specifications:
  - Seed - certified 85% germination applied at the rate of 3lbs/1000 sq.ft. mixture - 40% Kentucky Blue, 20% Chewy Fescue, 20% Kentucky 31, and 20% Annual Rye.
  - Fertilizer - 10-10-10 applied at the rate of 23lbs/1000 sq.ft.
  - Mulch - Weed free grain straw applied at the rate of 70lbs/1000 sq.ft. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binder, wood chips, etc.
- All Structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On site inspection and maintenance of all sediment control measures including cleanout of sediment traps and dikes, 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.
- Protection of stabilized area from sediment runoff shall be provided by the use of an approved sediment control device, i.e. straw bales, diversion dikes, etc.
- Site Analysis:
  - Total Area: 3.609 Acres
  - Area to be Roofed: 0.517 Acres
  - Area to be Paved: 0.250 Acres
  - Area to be Seeded: 2.705 Acres
  - Area Undisturbed: 0.137 Acres
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stabilized Construction Entrances shall be constructed at all construction entrances.
- CONSTRUCTION SEQUENCE:
  - Install Sediment and Erosion Control Devices and stabilize Diversion Dikes.
  - Excavate for foundations and rough grade.
  - Erect Structures, driveways and sidewalks.
  - Final grade and stabilize in accordance with General Note #5.
- If Houses are to be constructed on an "As-Sold" basis at random, Single Lot Sediment Control, as shown on this sheet shall be implemented.
- It will be the Developer's responsibility to provide additional Sediment and Erosion Control Devices to protect stabilized areas during construction.
- Total Amount of Straw Bales or Silt Fence shown = 230 L.F.



- NOTES:
- Woven Wire fence to be fastened securely to fence posts by use of wire ties.
  - Filter Cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT, COUNTY HEALTH OFFICER, DATE 7-19-77

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING, PLANNING DIRECTOR, DATE

CHIEF, DIVISION OF LAND DEVELOPMENT, DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, DIRECTOR, DATE 7-19-77

CHIEF, BUREAU OF HIGHWAYS, DATE

Reviewed for HOWARD S.C.D. Name

and meets Technical Requirements

C. Wayne Ray 7/6/77 Date

Signature

U.S. Soil Conservation Service

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

John D. Mayes 7-6-77 Approved Date

DEVELOPER'S CERTIFICATE

I hereby certify that all development and/or construction was done according to this plan, and that the developer and plan for erosion and sediment control, and that I authorize a local on-site inspector by the Howard Soil Conservation District or their authorized agents as are deemed necessary. In addition, from this plan will not be made, unless authorized by the Howard Soil Conservation District.

B. James Sanfield 3-15-77 Date

ENGINEER'S CERTIFICATE

I hereby certify that the plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions, and that I have prepared this certificate with the assistance of the Howard County Engineers.

G. Nelson Clark 3-15-77 Date



CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS

11215 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 995-3400

DESIGNED: D.B.S. SITE DEVELOPMENT PLAN

DRAWN: K.I.W. SEDIMENT & EROSION CONTROL PLAN

CHECKED: G.N.C. LOTS 60-8 THRU 60-22

DATE: March 1977

SCALE: As Shown

DRAWINGS: 3 of 3

JOE NO.:

FILE NO.:

1231-SE

See Also: 1246-X 1117-R