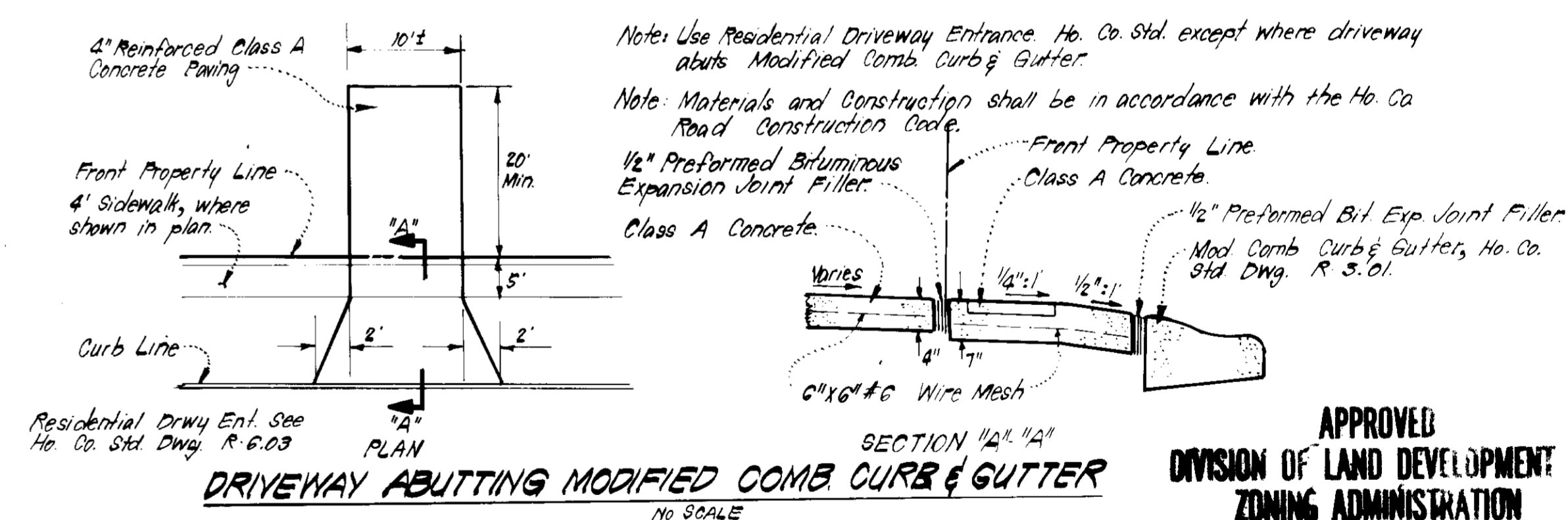
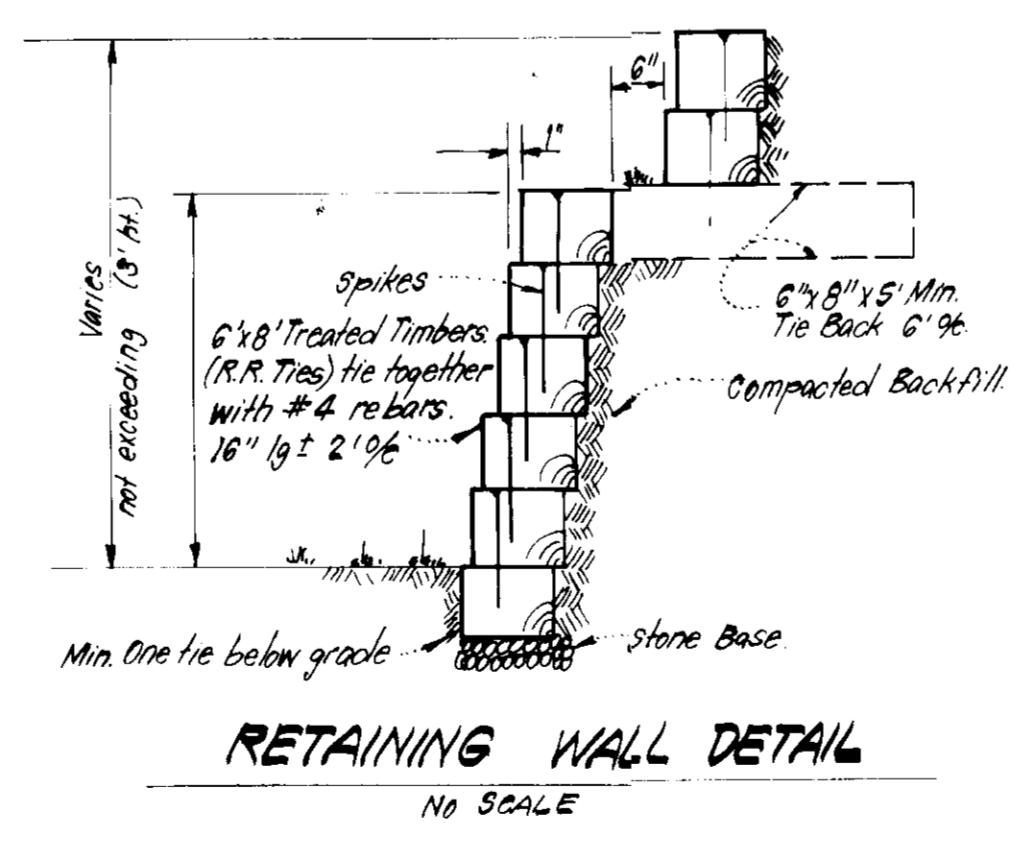
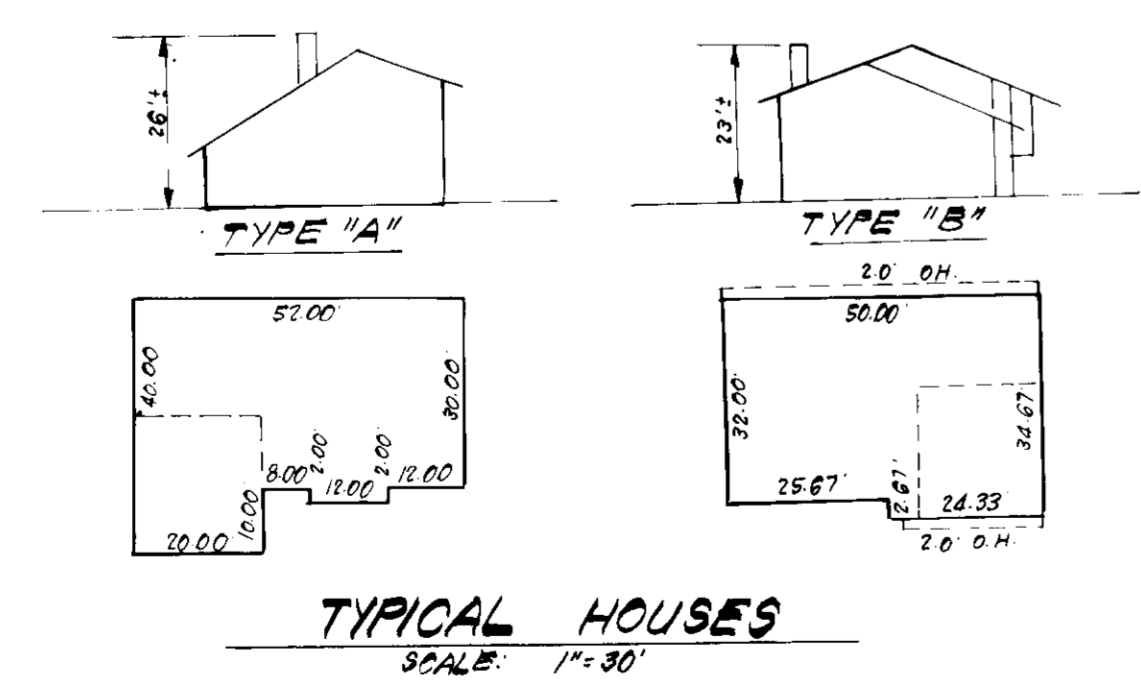


- GENERAL NOTES:**
1. The Land included in this plan is zoned New Town (S.F.M.D.)
  2. The Lots shown on this plan are covered by Final Development Plan Phase 17b, Part 2.
  3. All coordinates shown hereon are based on Howard County Geodetic Control Traverse which is based upon the Maryland State Plane Coordinate System.
  4. The area covered is located on Tax Map #42.
  5. The total area included in this plan is 0.8004 Acres.
  6. All roadways are public & existing.
  7. Any damage to county owned rights of way or paving shall be corrected at the developer's expense.
  8. Total Number of Lots: 3

- LEGEND:**
1. Contour Interval 2 Ft.
  2. Existing Contour
  3. Proposed Contour
  4. Spot Elevation
  5. Direction of Drainage
  6. Existing Trees to be retained
  7. Walk-out Basement
  8. Retaining Wall



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 1-12-83



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE 2-1-83

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
DATE 2-2-83

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE 1-31-83

PLAT REF: PLATS 4671 & 4672

<b>CLARK • FINEROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593 3400		
DESIGNED J.M.E.	SITE DEVELOPMENT PLAN LOTS 12 THRU 14	SCALE 1"=30'
DRAWN	<b>COLUMBIA</b>	DRAWING 10#2
K.I.W.	VILLAGE OF KINGS CONTRIVANCE SECTION 2 AREA 3	JOB NO. 82.072
CHECKED J.M.E.	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	FILE NO. 82.072 X
DATE 12-13-82	FOR: ALLAN HOMES, INC. P.O. Box 1058 Columbia, Md 21004	

*Donald P. Sackett*

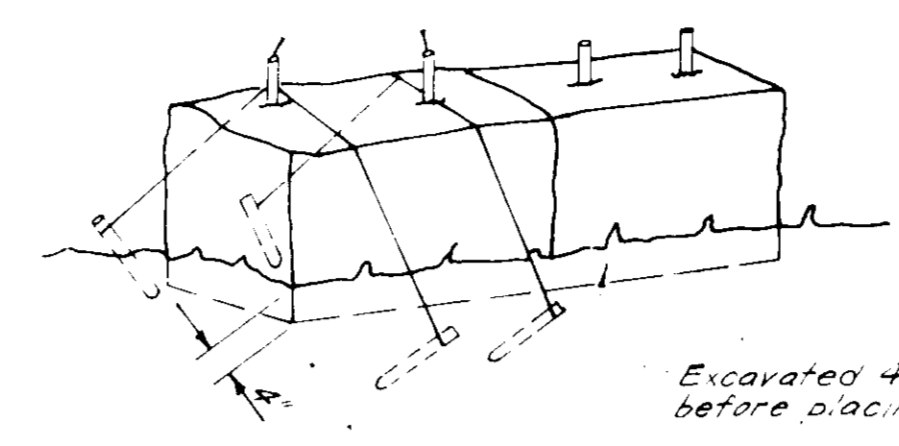
SDP-83-71c

**GENERAL NOTES**

- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
  - All Sediment and Erosion Control Measures will be installed and maintained in accordance with this plan prior to any other grading, clearing or disturbance of the existing site. See note #6 for stabilization except that the seed mixture will be applied and applied at a rate of 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 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 disturbed area to be stabilized in accordance with the following Specifications:
    - Seed - certified 85% germination applied at the rate of 3.55/1000 sq ft. Mixture of Kentucky Blue, 20% chewing Fescue, 20% Kentucky 3 and 20% annual Ryegrass.
    - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sq ft. Ground Agricultural Limestone Dolomitic Lime applied at a rate of 20 lbs/1000 sq ft.
    - Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 sq ft. Mulch shall be secured to the ground by any approved method of fastening.
    - All Seed used shall be Maryland State Certified.
  - All structural Sediment Control Measures are to remain in place until permanent vegetation has been obtained from the Bureau of Inspections and Permits.
  - On-Site Inspection and Maintenance of all Sediment Control Measures shall be done out of Sediment Traps and Dikes, and proper establishment of a permanent vegetation measures will be the responsibility of the developer or his representative on the site, on a continuing day to day basis.
  - It will be the developer's responsibility to provide appropriate Sediment Control and Erosion Control Devices to protect stabilized areas during construction.
  - The Contractor shall keep all public roads free of sediment deposits and traffic leaving construction site.
  - Approval of this plan is conditional upon the approval of Sediment Control Measures off-site waste or borrow area prior to the impact of any borrow or excavation activity from this site.
  - All pipes to be blocked at the end of each day. See note #6 above. (Not required)
  - Total Amount of Straw Bales or Silt Fence shown = **390**
- 4. SITE ANALYSIS:**
- |                      |             |
|----------------------|-------------|
| A. Total Area        | 0.800 Acres |
| B. Area to be Roofed | 0.124 Acres |
| C. Area to be Paved  | 0.086 Acres |
| D. Area to be Seeded | 0.304 Acres |
| E. Area Undisturbed  | 0.286 Acres |
- 15. CONSTRUCTION SEQUENCE:**
- Install Sediment & Erosion Control Devices and Stabilize Disturbed Areas.
  - Excavate for Foundations and Rough Grade.
  - Erect Structures, Driveways and Sidewalks.
  - Final Grade and Stabilize in accordance with note #6.
- 16. If houses are to be constructed on an "As-Shed" basis as shown, Sediment Control as shown on this sheet, shall be maintained.**

4 bales shall be tied with two weathering materials, wire or nylon

Two rears of wooden stakes driven through each hole 1/2" - 2" into ground. Rebars to be driven flush with top of bales.

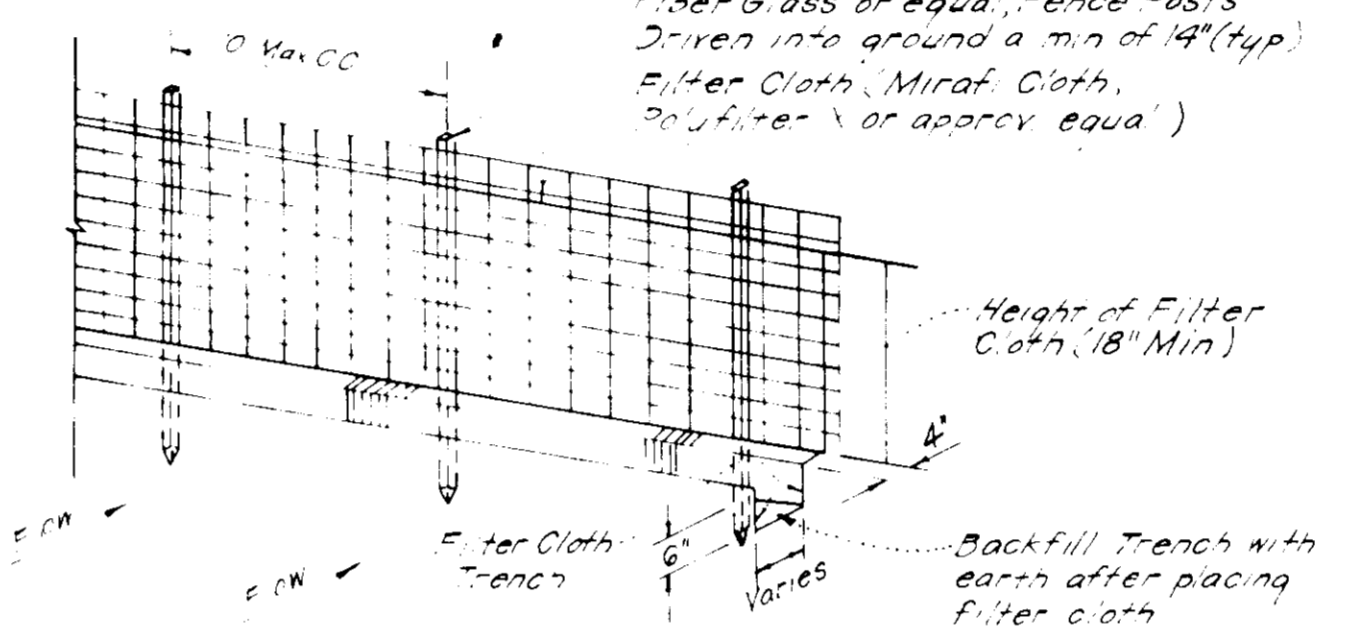


Note: In lieu of the use of rears each straw bale may be fastened to ground with segs (4 per bale and wire or nylon as shown above)

**STRAW BALE DIKE DETAIL (SBD)**  
No SCALE

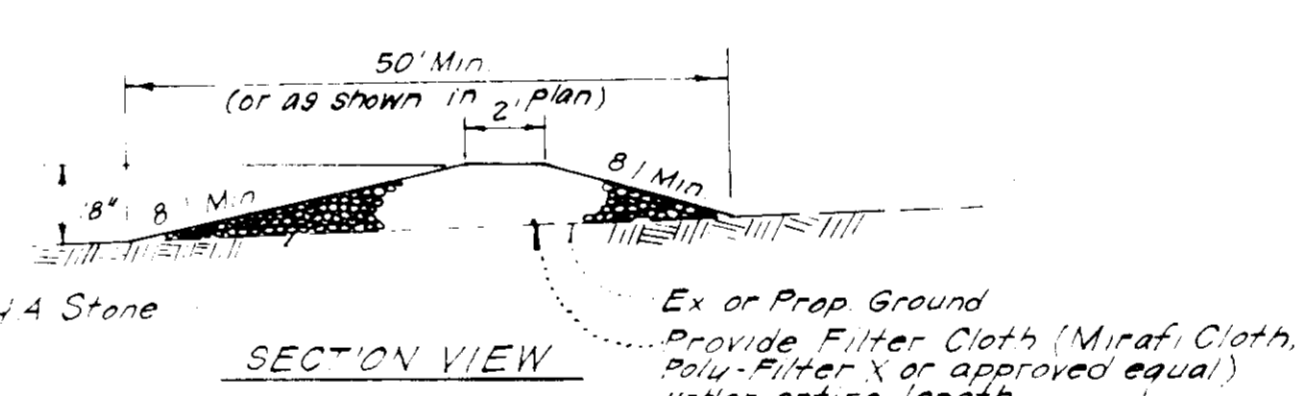
When wire fence - Min 4 gauge; 6" Max spacing

36" Min Metal Heavy Duty Fiber Glass or equal Fence Posts Driven into ground a min of 14" (typ) Filter Cloth (Miraf Cloth, Poly Filter X or approved equal)

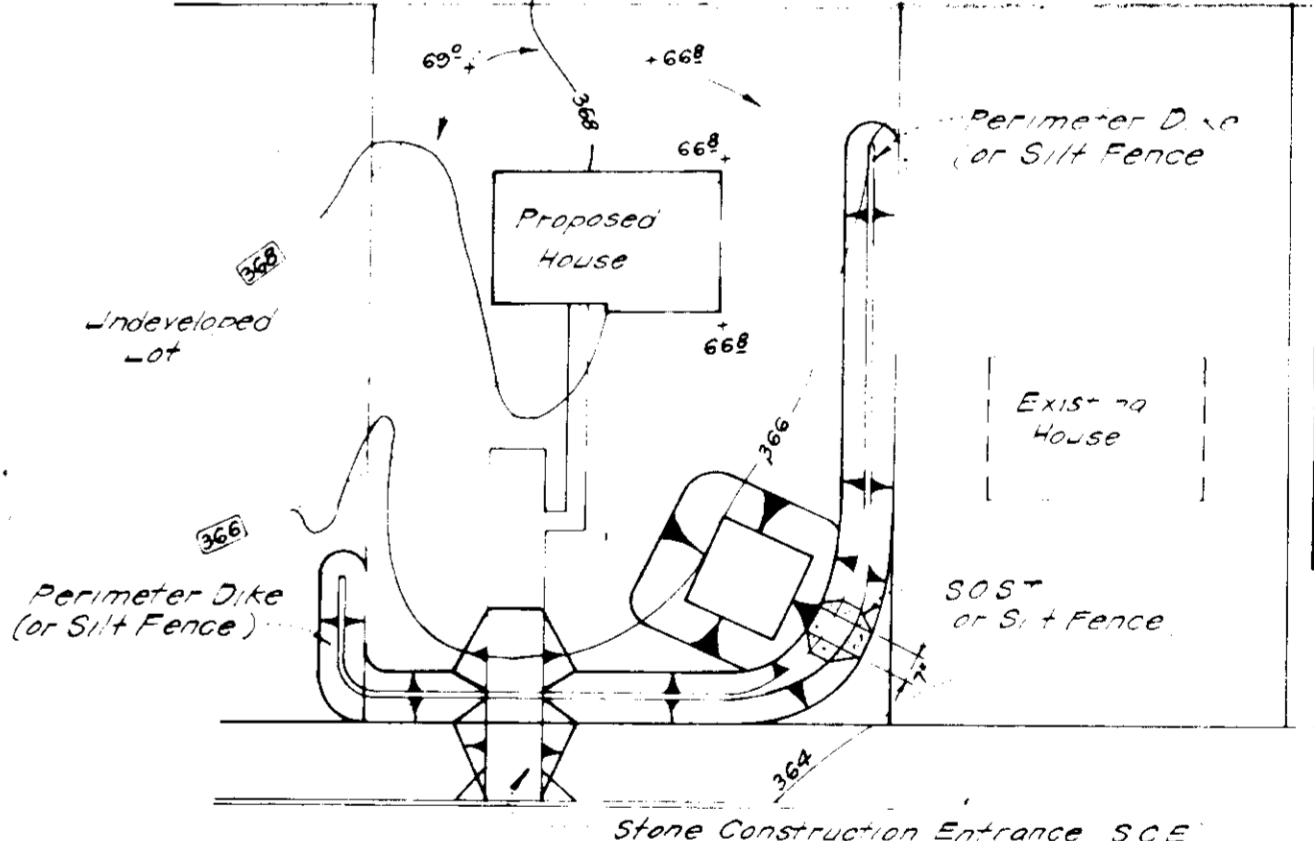


Notes:  
1. Filter Cloth to be fastened securely to fence posts by use of wire ties.  
2. Filter Cloth to be fastened securely to Nylon Wire, by use of wire ties spaced every 24" x 24".

**SILT FENCE DETAIL (SF)**  
No SCALE



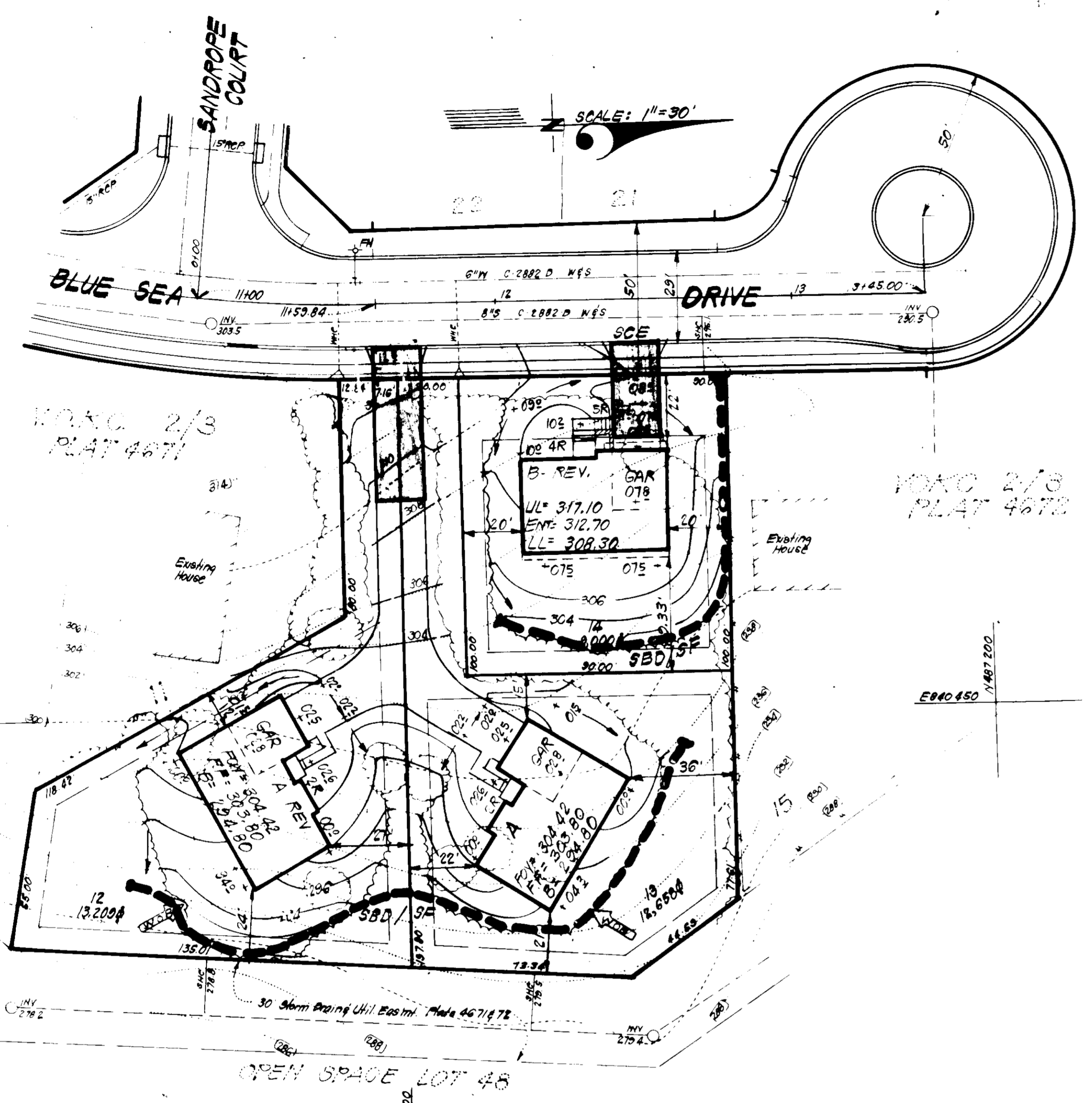
**STONE CONSTRUCTION ENTRANCE (SCE)**  
No SCALE



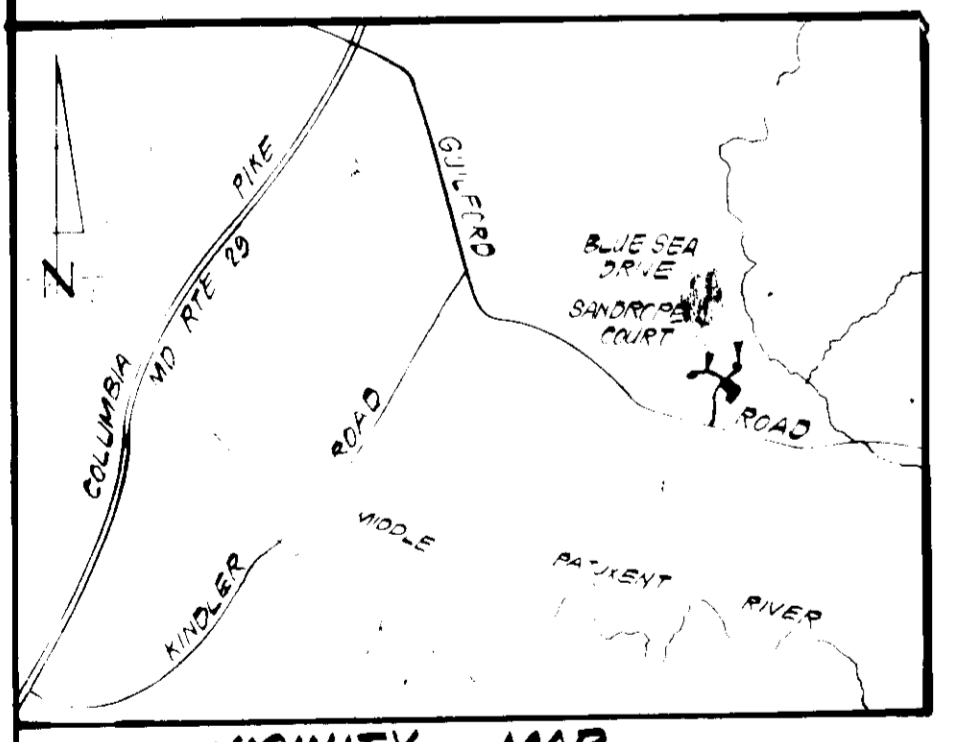
SOST #	
Lot 12	440, 24
Lot 13	2, 2
Lot 14	2, 2
Lot 15	2, 2
Lot 16	2, 2
Lot 17	2, 2
Lot 18	2, 2
Lot 19	2, 2
Lot 20	2, 2
Lot 21	2, 2
Lot 22	2, 2
Lot 23	2, 2
Lot 24	2, 2
Lot 25	2, 2
Lot 26	2, 2
Lot 27	2, 2
Lot 28	2, 2
Lot 29	2, 2
Lot 30	2, 2
Lot 31	2, 2
Lot 32	2, 2
Lot 33	2, 2
Lot 34	2, 2
Lot 35	2, 2
Lot 36	2, 2
Lot 37	2, 2
Lot 38	2, 2
Lot 39	2, 2
Lot 40	2, 2
Lot 41	2, 2
Lot 42	2, 2
Lot 43	2, 2
Lot 44	2, 2
Lot 45	2, 2
Lot 46	2, 2
Lot 47	2, 2
Lot 48	2, 2
Lot 49	2, 2
Lot 50	2, 2
Lot 51	2, 2
Lot 52	2, 2
Lot 53	2, 2
Lot 54	2, 2
Lot 55	2, 2
Lot 56	2, 2
Lot 57	2, 2
Lot 58	2, 2
Lot 59	2, 2
Lot 60	2, 2
Lot 61	2, 2
Lot 62	2, 2
Lot 63	2, 2
Lot 64	2, 2
Lot 65	2, 2
Lot 66	2, 2
Lot 67	2, 2
Lot 68	2, 2
Lot 69	2, 2
Lot 70	2, 2
Lot 71	2, 2
Lot 72	2, 2
Lot 73	2, 2
Lot 74	2, 2
Lot 75	2, 2
Lot 76	2, 2
Lot 77	2, 2
Lot 78	2, 2
Lot 79	2, 2
Lot 80	2, 2
Lot 81	2, 2
Lot 82	2, 2
Lot 83	2, 2
Lot 84	2, 2
Lot 85	2, 2
Lot 86	2, 2
Lot 87	2, 2
Lot 88	2, 2
Lot 89	2, 2
Lot 90	2, 2
Lot 91	2, 2
Lot 92	2, 2
Lot 93	2, 2
Lot 94	2, 2
Lot 95	2, 2
Lot 96	2, 2
Lot 97	2, 2
Lot 98	2, 2
Lot 99	2, 2
Lot 100	2, 2

**SINGLE LOT SEDIMENT CONTROL PLAN**  
No SCALE

APPROVED  
DIVISION OF LAND DEVELOPMENT  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 1-12-83  
JAN



- LEGEND:**
- Contour Interval 2 Ft
  - Existing Contour
  - Proposed Contour
  - Spot Elevation
  - Direction of Drainage
  - Exist Trees to be retained
  - Straw Bale Dike or Silt Fence
  - Stone Construction Entrance



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE: 2-1-83

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
DATE: 2-2-83

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE: 1-23-83

HOWARD COUNTY DISTRICT  
DATE: 1-27-83

DATE: 1-27-83

ENGINEER'S CERTIFICATE  
I hereby certify that this plan for Erosion and Sediment Control represents a practicable 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 County Department of Land Development as are deemed necessary.

Alan Washak  
12/13/82

G. Nelson Clark  
12-13-82

CLARK • FINEFROCK & SACKETT  
ENGINEERS • PLANNERS • SURVEYORS  
11315 LOCKWOOD DRIVE • SILVER SPRING MARYLAND 20904

DESIGNED: JLS  
DRAWN: K/W  
CHECKED: JLS  
DATE: 12-13-82

SCALE: As Shown  
DRAWING: 2 OF 2  
JOB NO: 82172  
FILE NO: 82172 SE

SEDIMENT & EROSION CONTROL PLAN  
LOTS 12 THRU 14  
COLUMBIA  
VILLAGE OF KINGS CONTRIVANCE  
SECTION 2 AREA 3  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
FOR: ALLAN HOMES, INC  
P.O. Box 1158  
Columbia, Md 21044

SDP-83-71c