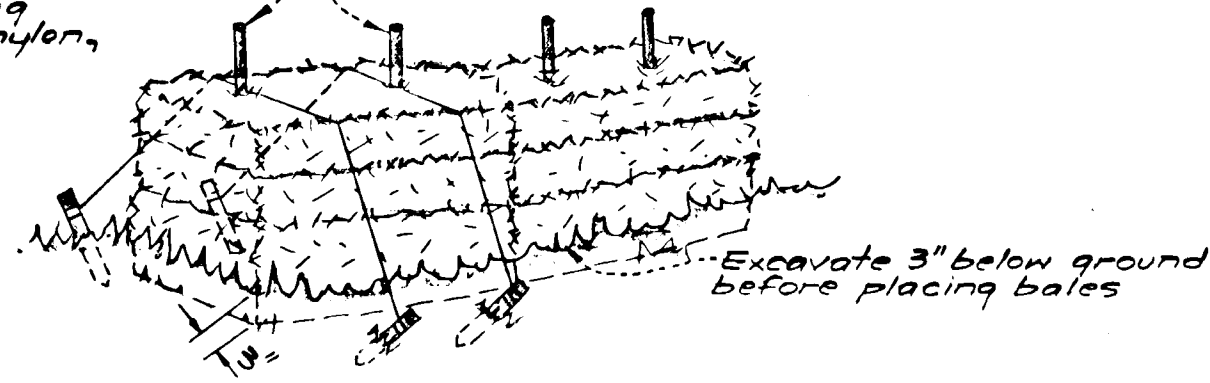
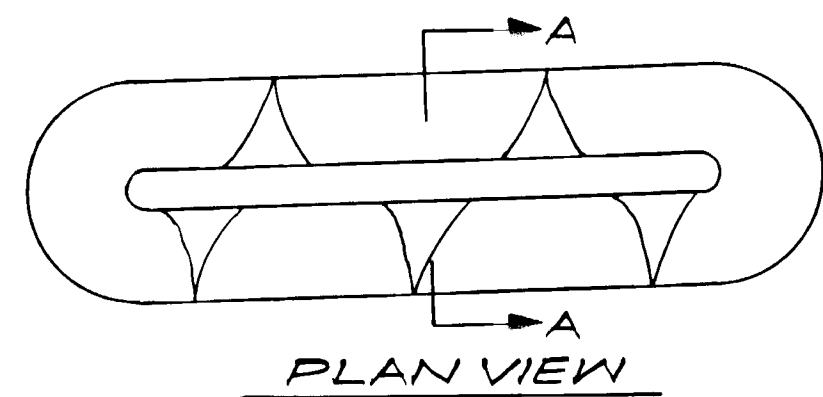


All bales shall be tied with non-weathering material, i.e. wire, nylon, twine, etc.

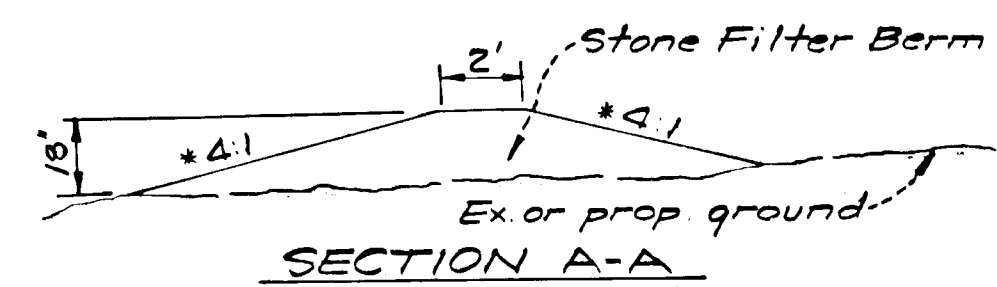


NOTE: In lieu of the use of rebar, each straw bale, may be fastened to ground with pegs (4 per bale) & nylon twine as shown above.

TYPICAL STRAW BALE DETAIL  
NO SCALE



PLAN VIEW

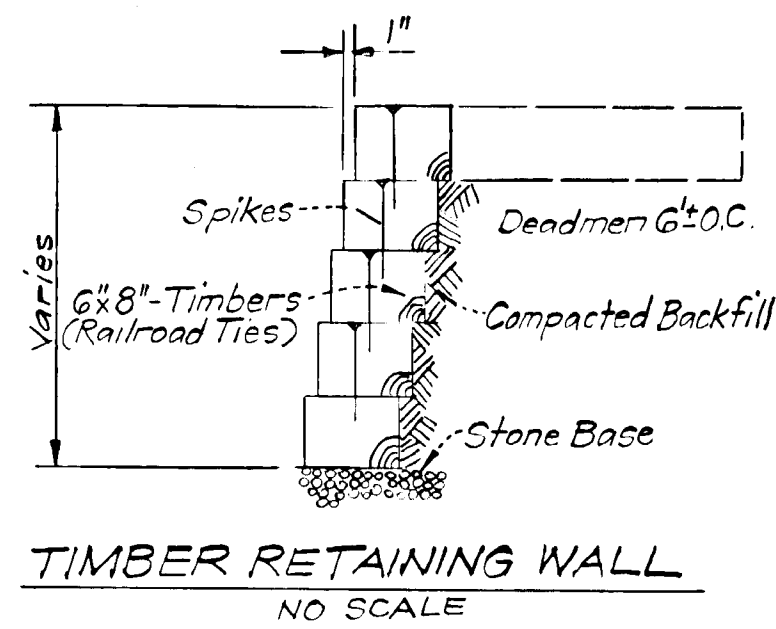


SECTION A-A

\* Slopes to be flat enough to accommodate construction vehicles without damaging berm.

NOTE: Stone shall be 2" to 4" in diameter

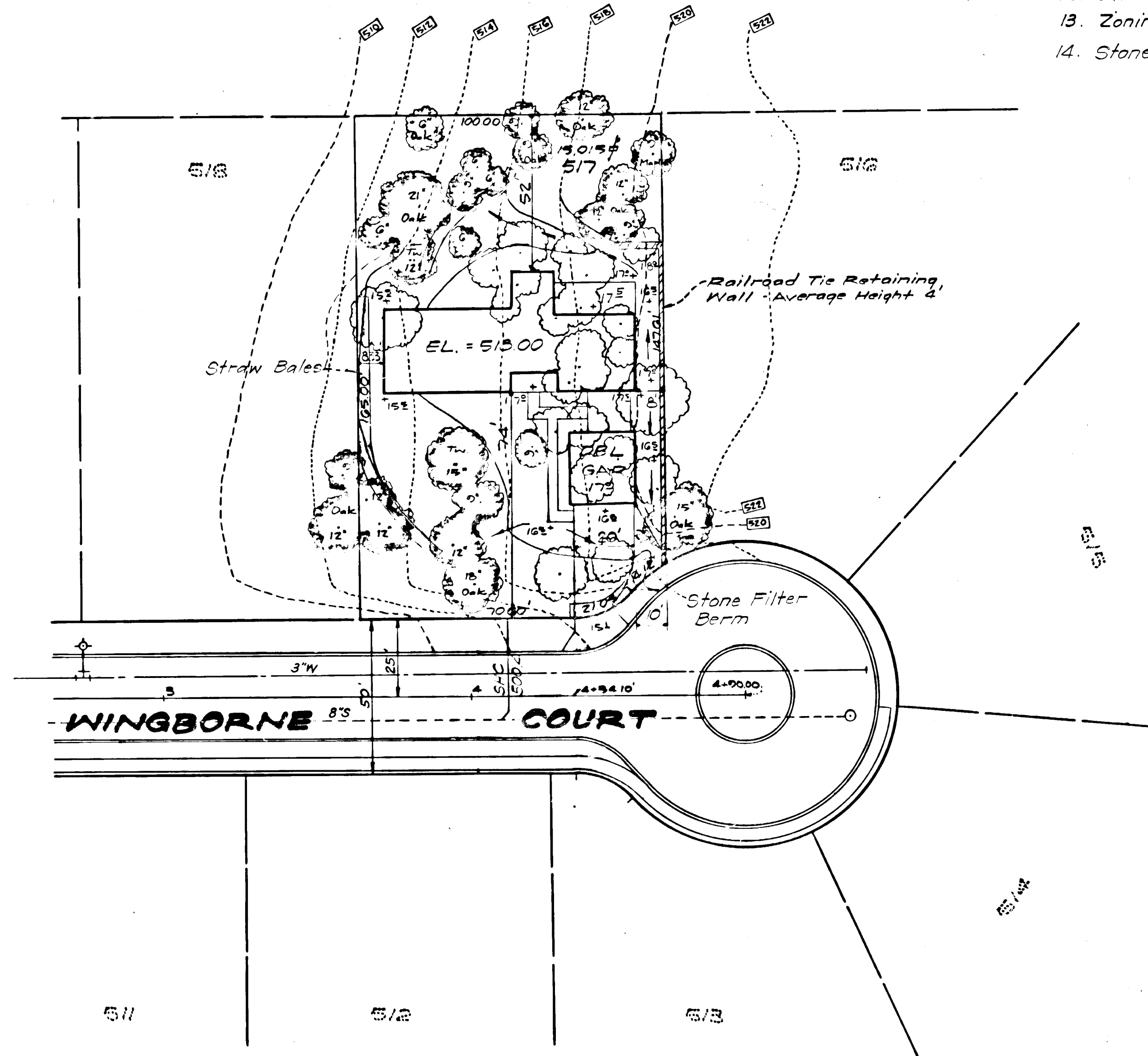
STONE FILTER BERM DETAIL  
NO SCALE



TIMBER RETAINING WALL  
NO SCALE

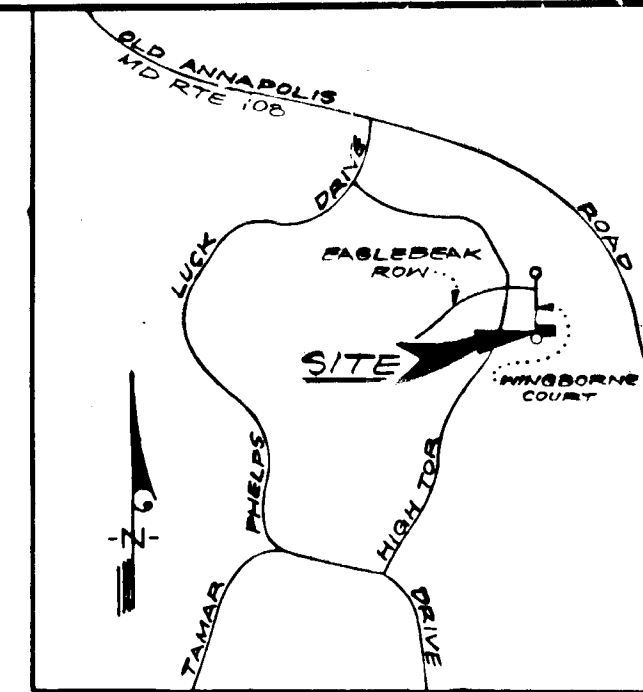


FRANKLIN P. OWENS  
3/2 / 386



LEGEND

1. Contour Interval 2 Ft.
2. Existing Contours 490
3. Proposed Contours 490
4. Spot Elevations +90±
5. Direction Of Drainage
6. Existing Trees To Be Retained
7. Existing Trees To Be Removed
8. All Existing Trees Are Oaks, Unless Otherwise Shown.
9. Retaining Wall
10. Yard Requirements:  
Front - 20' on 50' Wide Streets  
30' on 60' Wide Streets.  
Side - 7.5' (Min.)
11. Walk-Out Basement
12. Straw Bales
13. Zoning: New Town (S.F.L.D.)
14. Stone Filter Berm



VICINITY MAP  
SCALE 1" = 2000'

GENERAL NOTES

1. 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.
2. Notify the Howard Soil Conservation District at least 24 hours before starting any work.
3. All Sediment Control Practices to conform to the Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas shall be adjusted to meet actual field conditions.
4. Stabilization of disturbed ground to be done as soon after construction as possible.
5. At construction entrances to the lots, stone filter berms shall be used in lieu of straw bales where shown on plans. See detail of berm - this sheet.
6. All graded areas shall be treated in accordance with the following specifications:  
a) Seed - certified 85% germination applied at the rate of 2 lbs/1000 sq ft; mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31, and 20% Annual Ryegrass.  
b) Fertilizer - 5-10-10 applied at the rate of 23 lbs/1000 sq ft and ground agricultural lime or dolomitic lime applied at the rate of 46 lbs/1000 sq ft.  
c) Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 sq ft. Mulch shall be secured to the ground by any approved method, i.e. asphalt tacks, chemical binder, wood chips, etc.
7. All structural sediment control measures are to remain in place until permission for their removal has been obtained from the Howard Soil Conservation District, phone 465-3180 or 465-5000, ext. 328.
8. All sediment control measures to be adjusted to meet actual field conditions.

Reviewed for HOWARD SCD  
Name: Howard SCD  
Signature: [Signature]  
Date: 7/1/73  
US Soil Conservation Service

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

APPROVED: [Signature] DATE 11/1/73

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND

DATE 6/29/73  
[Signature]

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 Conservation District.



6-13-73  
Date

E. Nelson Clark  
G. Nelson Clark

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER DATE  
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
PLANNING DIRECTOR DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING DATE  
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR DATE  
CHIEF, BUREAU OF HIGHWAYS 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 a condition of approval. This plan was prepared by me or under my direct supervision and I am a duly licensed Professional Engineer.

6-14-73 Eugene New  
Date Signature

Final Development Plan Phase 77 Plat Book 18 Folios 50 to 72  
Plat Reference: Plat Book 18 Folio 52

|   |   |   |          |
|---|---|---|----------|
| <b>CLARK • FINEFROCK &amp; SACKETT</b><br>ENGINEERS • PLANNERS • SURVEYORS<br>11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400 |   |   |          |
| DESIGNED  | D.B.S.  | <b>DEVELOPMENT PLAN</b><br>LOT 517<br><b>COLUMBIA</b><br>VILLAGE OF LONGREACH<br>SECTION 1 AREA 1<br>6TH ELECTION DISTRICT<br>HOWARD COUNTY, MARYLAND | SCALE    |
| DRAWN   | R.P.R.  |   | 1" = 30' |
| CHECKED   | KWC   | 1 of 1  | JOB NO.  |
| DATE  | FOR: Eugene New<br>10728 Green Mountain Circle<br>Columbia, Md. 21044 | FILE NO.  | 1076-X   |
| June, 1973  |   |   |          |

SEP 73 12C