

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

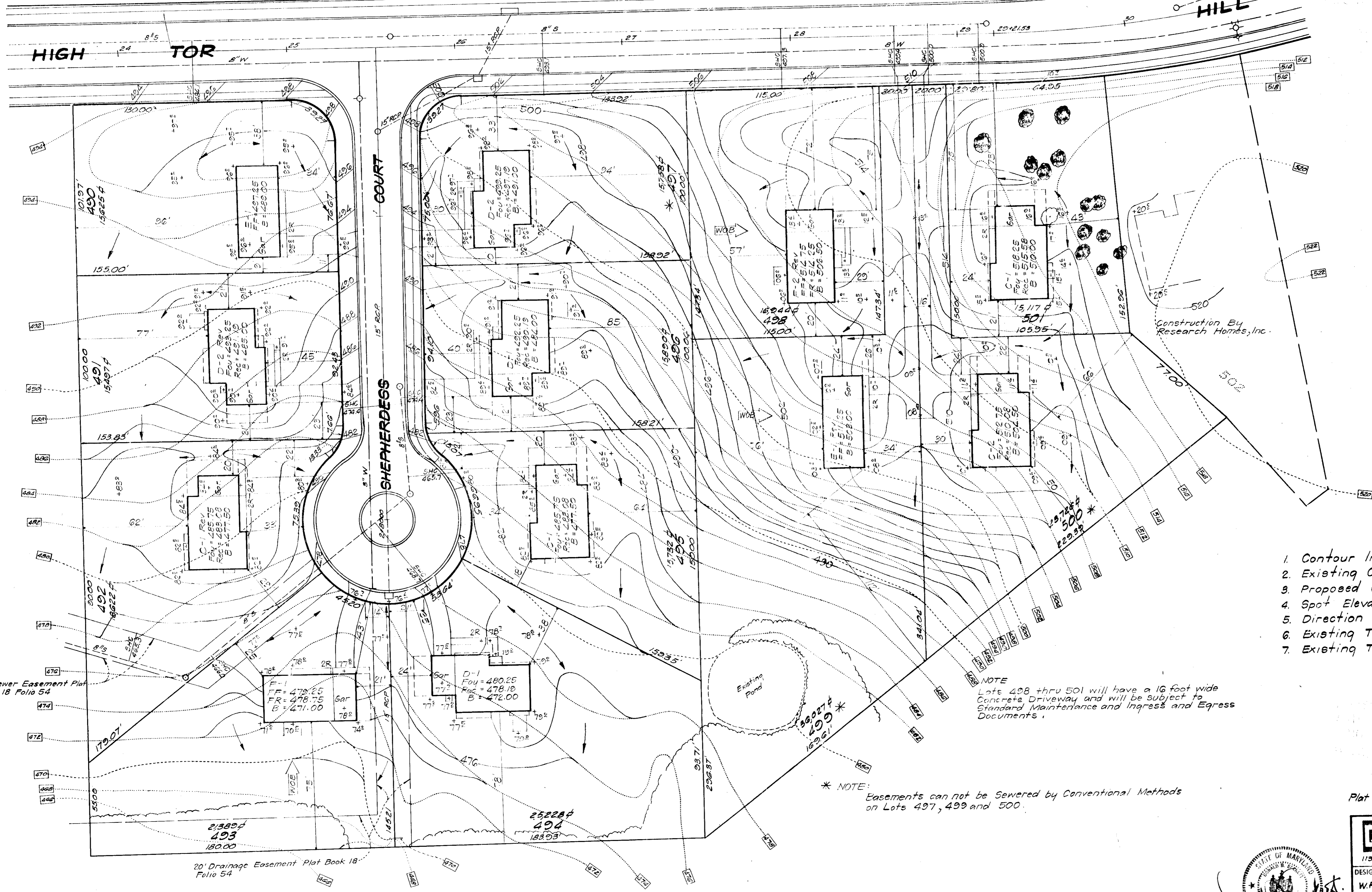
COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR *[Signature]* DATE 11/2/73

CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING  
 DATE 11/2/73

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR *[Signature]* DATE 10/30/73

CHIEF BUREAU OF HIGHWAYS  
 DATE 10/30/73



- LEGEND**
- 1. Contour Interval 2 F.T.
  - 2. Existing Contour
  - 3. Proposed Contour
  - 4. Spot Elevations
  - 5. Direction of Drainage
  - 6. Existing Trees to be Retained
  - 7. Existing Trees to be Removed

NOTE: Lots 498 thru 501 will have a 16 foot wide Concrete Driveway and will be subject to Standard Maintenance and Ingress and Egress Documents.

\* NOTE: Easements can not be Sewered by Conventional Methods on Lots 497, 499 and 501.

Plat Reference: Lots 490 Thru 501 Were Recorded In Plat Book 18 Folio 54



**CLARK • FINEFROCK & SACKETT**  
 ENGINEERS • PLANNERS • SURVEYORS  
 1715 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20910 • (301) 593-3400

DESIGNED: W.R.M.C. SCALE: 1" = 30'

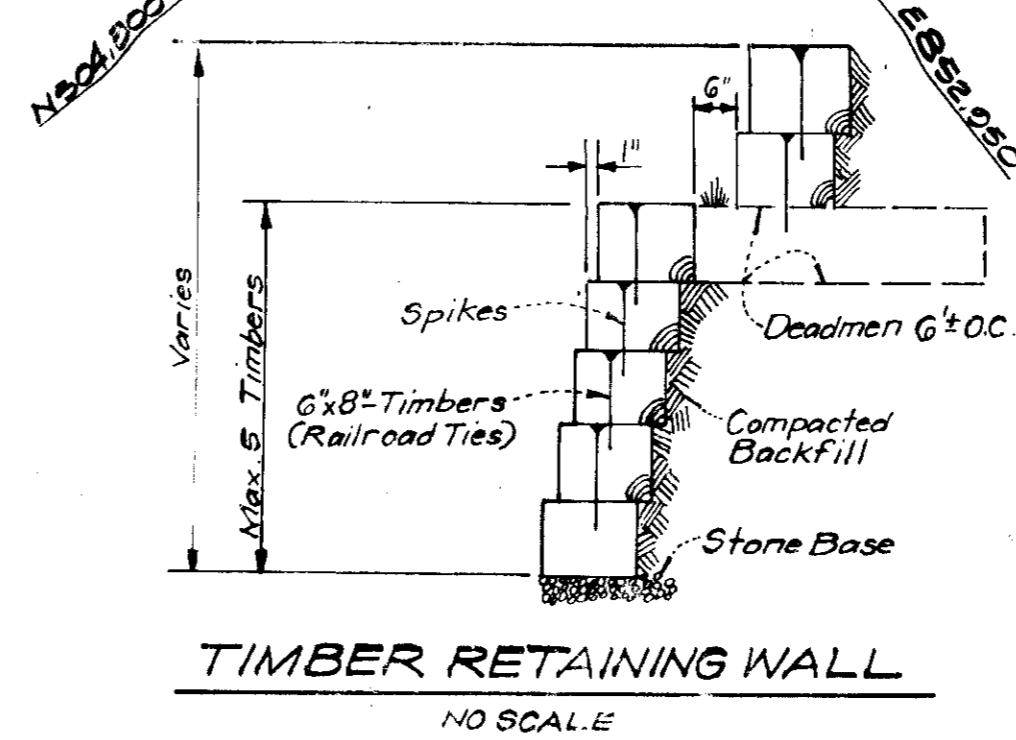
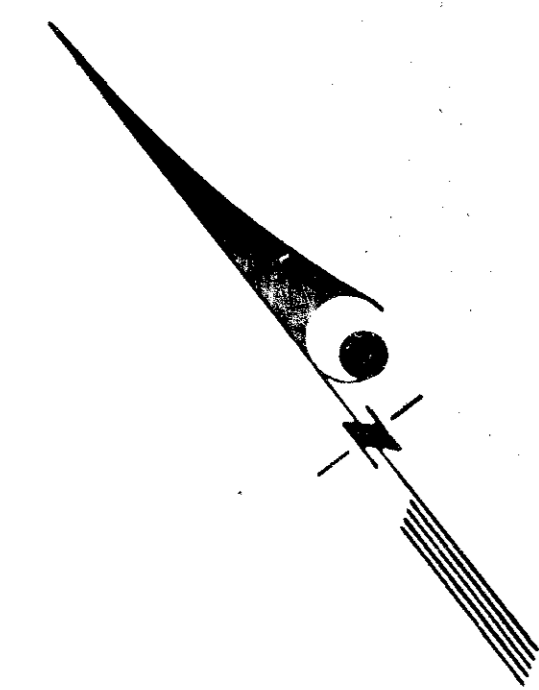
DRAWN: H.F. DRAWING: 10 of 4

CHECKED: W.R.M.C. JOB NO.:

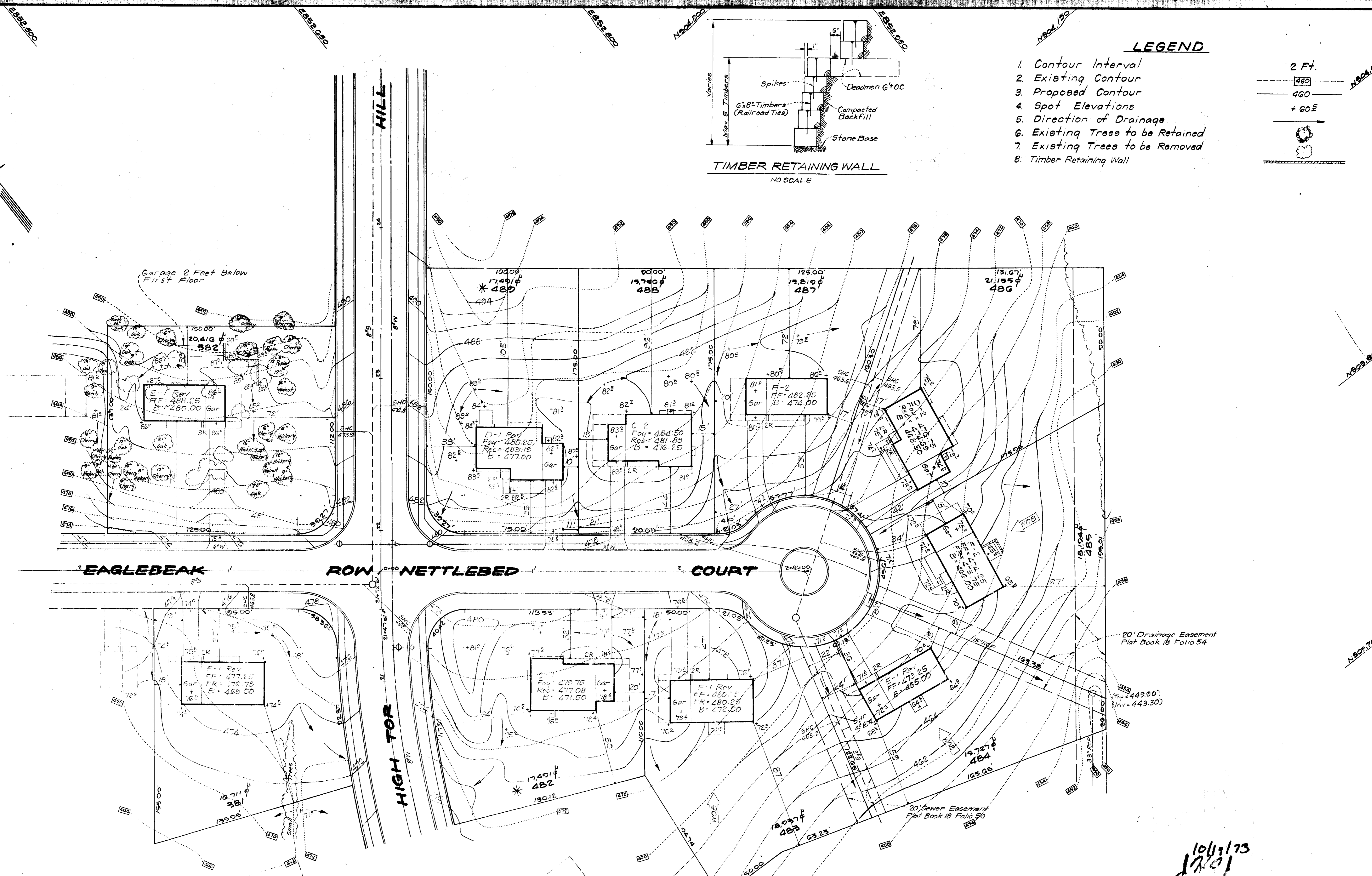
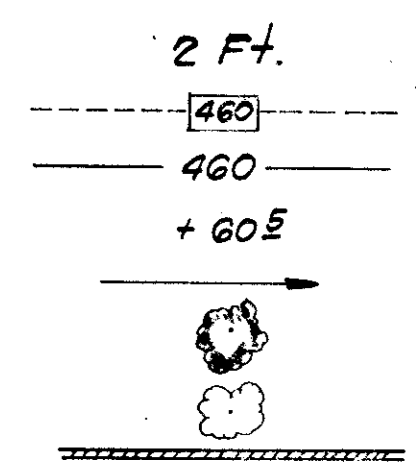
DATE: May, 1973 FILE NO. 1038-X

**DEVELOPMENT PLAN**  
 LOTS 490 THRU 501  
**COLUMBIA**  
 VILLAGE OF LONGREACH  
 SECTION I AREA I  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

FOR: RICHARD ROBINS CONSTRUCTION  
 905 Silver Spring Ave.  
 Silver Spring, Md. 20910 Tel. 595-5955



- LEGEND**
1. Contour Interval 2 Ft.
  2. Existing Contour
  3. Proposed Contour
  4. Spot Elevations
  5. Direction of Drainage
  6. Existing Trees to be Retained
  7. Existing Trees to be Removed
  8. Timber Retaining Wall



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 & 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

Construction By Ryland

Construction by Ryland

NOTE:  
\* Basement can not be Sewered by Conventional Methods on Lots 482 and 483

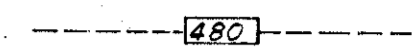
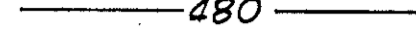
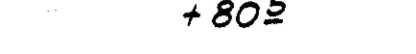
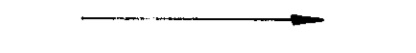


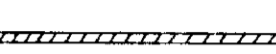
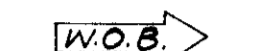
Plat Reference: Lots 381, 382 & 482 Thru 489 Were Recorded In Plat Book 18 Folio 54

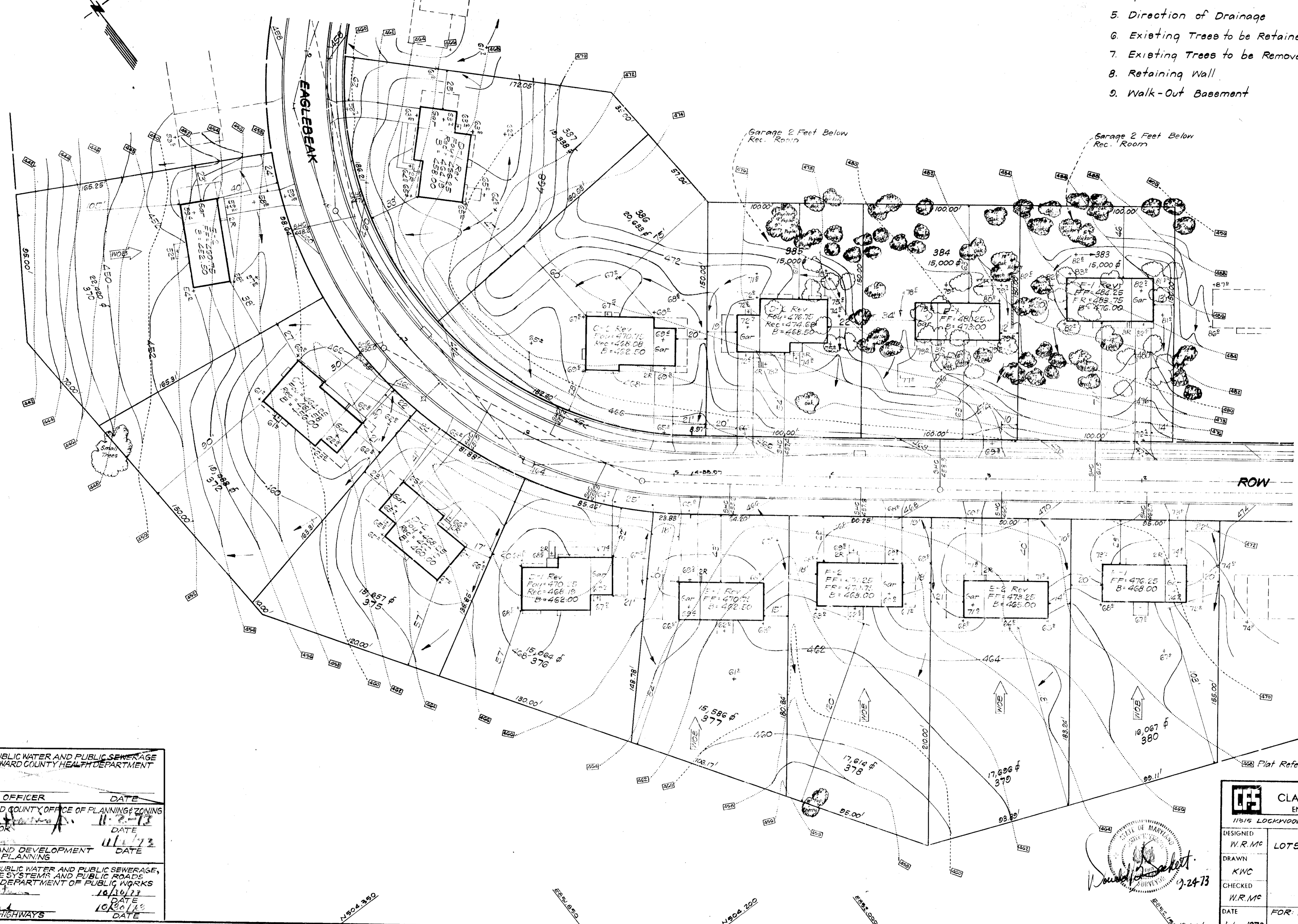
<p><b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11815 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400</p>		
DESIGNED W.R.M.P.	DEVELOPMENT PLAN LOTS 381, 382 & 482 THRU 489	SCALE 1" = 50'
DRAWN KWC	<b>COLUMBIA</b>	DRAWING 20F2
CHECKED W.R.M.P.	VILLAGE OF LONGREACH SECTION 1 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE JULY 1, 1973	FOR: RICHARD ROBINS CONSTRUCTION 905 Silver Spring Ave. Silver Spring, Md 20910 Tel. 585-9555	FILE NO. 1038-X



10 Lots

**LEGEND**

- 1. Contour Interval 2 Ft.
- 2. Existing Contour 
- 3. Proposed Contour 
- 4. Spot Elevations 
- 5. Direction of Drainage 
- 6. Existing Trees to be Retained 
- 7. Existing Trees to be Removed 
- 8. Retaining Wall 
- 9. Walk-Out Basement 



*10/19/73 JWC*

1968 Plat Reference: Lots 370, 372, 375 Thru 380 & 383 Thru 387 are Recorded in Plat Book 18, Folio 54.

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 11-2-73


CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING

DATE 11-17-73

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR \_\_\_\_\_ DATE 10/10/73

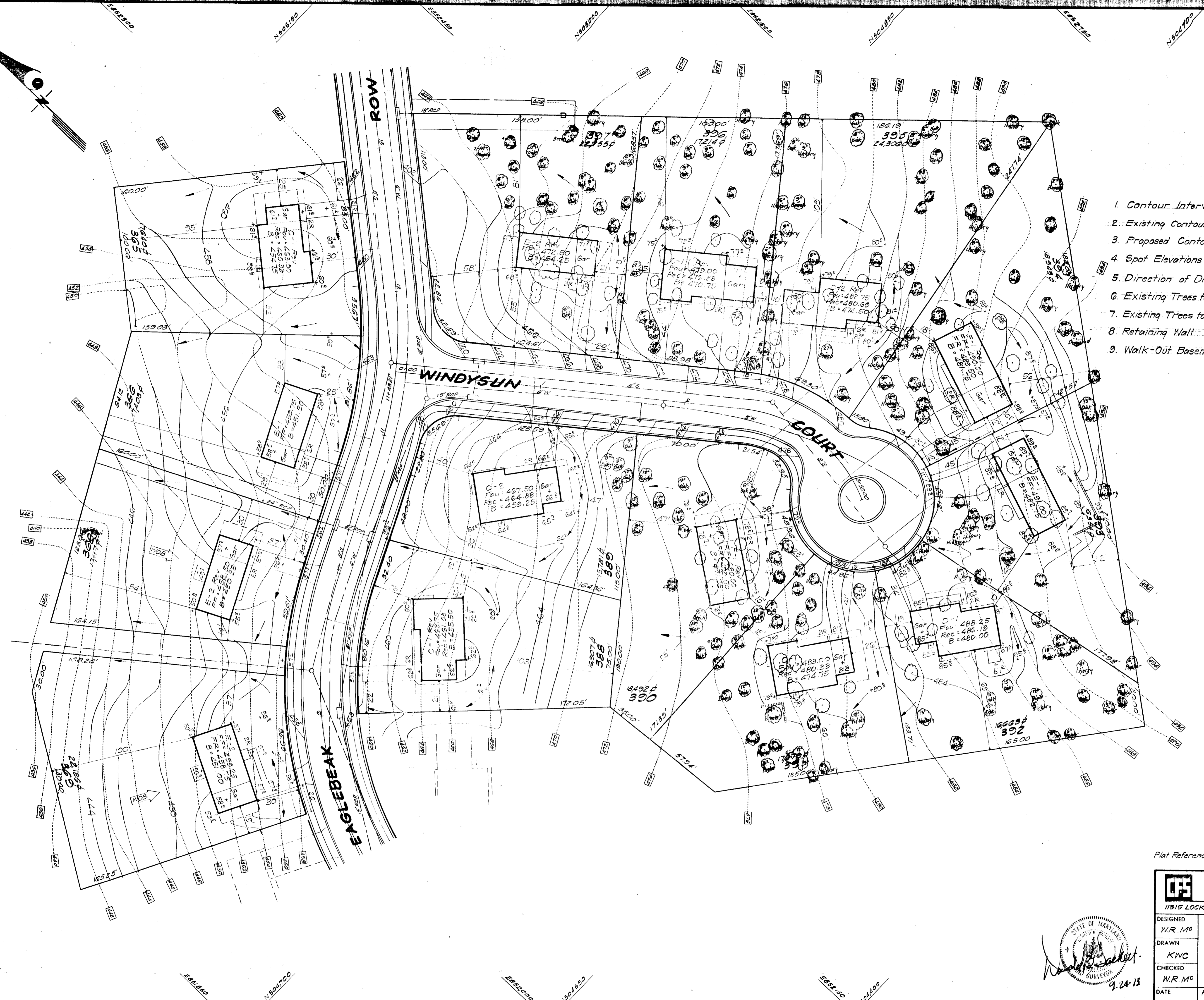
CHIEF BUREAU OF HIGHWAYS \_\_\_\_\_ DATE 10/20/73

 <b>CLARK • FINROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400		DESIGNED	W.R.Mc	DATE	10-24-73
		DRAWN	KWC	DATE	10-24-73
DEVELOPMENT PLAN LOTS 370, 372, 375 THRU 380 & 383 THRU 387 <b>COLUMBIA</b> VILLAGE OF LONGREACH SECTION I AREA I 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND		CHECKED	W.R.Mc	DATE	July, 1973
FOR: RICHARD ROBINS CONSTRUCTION 505 Silver Spring Ave Silver Spring, Md 20910 781-585-9555		FILE NO.	1088-X		



COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_  
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR *W. J. ...* DATE **11-2-73**  
 CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING  
 DATE **11-2-73**  
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR *William A. Altma* DATE **10/20/73**  
 CHIEF BUREAU OF HIGHWAYS DATE **10/20/73**

- LEGEND**
- 1. Contour Interval 2 Ft
  - 2. Existing Contour 480
  - 3. Proposed Contour 480
  - 4. Spot Elevations +80<sup>s</sup>
  - 5. Direction of Drainage
  - 6. Existing Trees to be Retained
  - 7. Existing Trees to be Removed
  - 8. Retaining Wall
  - 9. Walk-Out Basement

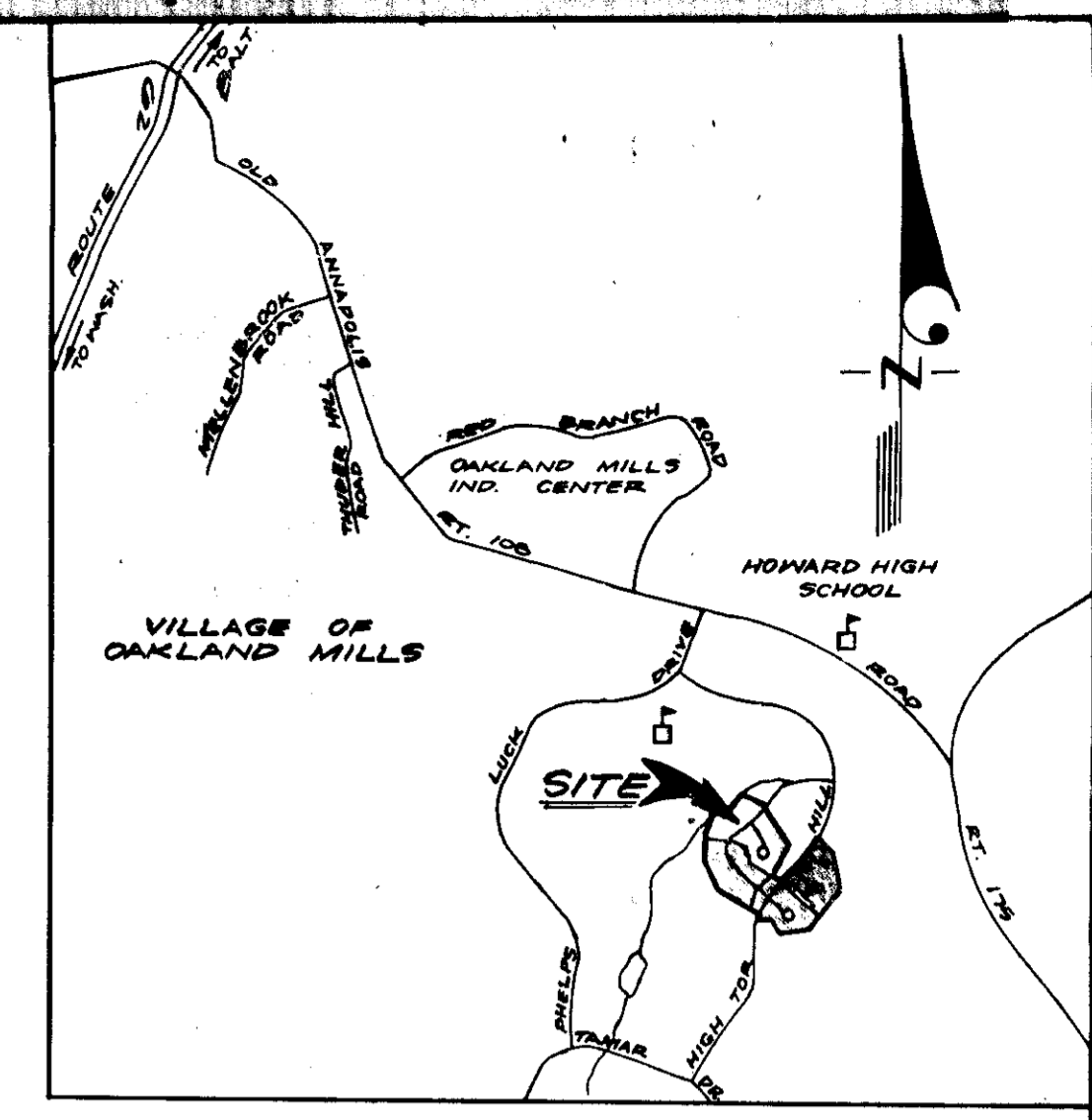


10/11/73  
 SJK

Plat Reference: Lots 365, 366, 368, 369 & 388 Thru 397 were Recorded in Plat Book 18 Folio 54.

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS		SCALE 1" = 30'
11515 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400		
DESIGNED W.R. Mc	<b>DEVELOPMENT PLAN</b> LOTS 365, 366, 368, 369 & 388 THRU 397	
DRAWN KWC	<b>COLUMBIA</b>	
CHECKED W.R. Mc	VILLAGE OF LONGREACH SECTION 1 AREA 1	
DATE July, 1973	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
	FOR: RICHARD ROBINS CONSTRUCTION 905 Silver Spring Ave Silver Spring, Md. 20910 Tel: 585-9555	
	14 Lots	FILE NO. 1038-X





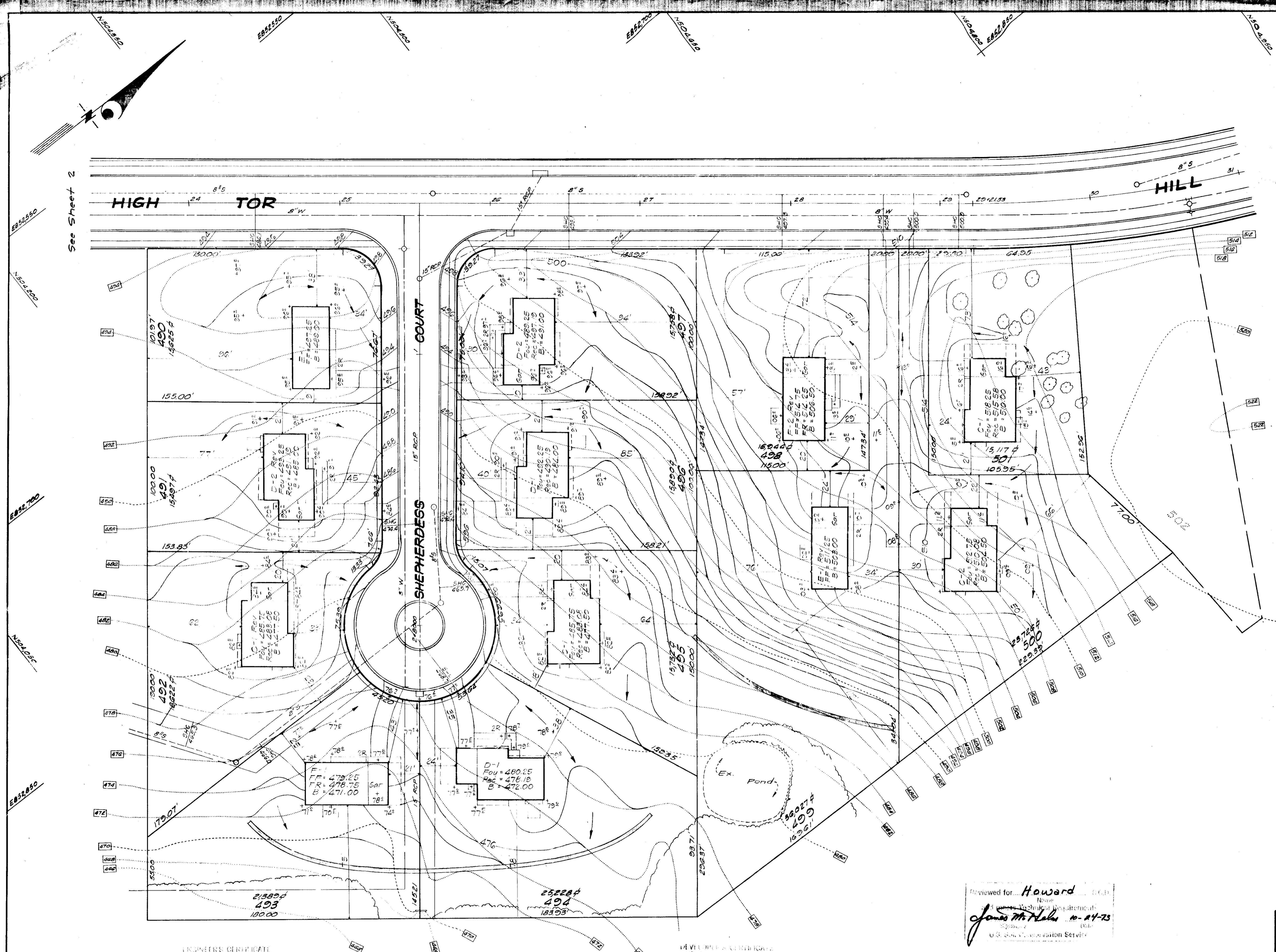
VICINITY MAP  
SCALE: 1" = 2000'

**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.
- Notify the Howard Soil Conservation District at least 24 hours before starting any work.
- 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.
- Stabilization of disturbed ground to be done as soon after construction as possible.
- All graded areas shall be treated in accordance with the following specifications:
  - 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 Rye.
  - Fertilizer - 5-10-10 applied at the rate of 25 lbs./1000 sq. ft. and ground agricultural lime or dolomitic lime applied at the rate of 30 lbs./1000 sq. ft.
  - 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.
- 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 465-3150 or 465-5000, ext. 328.
- All sediment control measures to be adjusted to meet actual field conditions & positive drainage shall be provided to all filter-type sediment control structures.
- All construction entrances to lots, stone filter berms shall be used in lieu of straw bales where shown on plans. See detail of Stone Filter Berm Sheet 2.

*JND/JS*

Note: Straw Bales Shown thus:



See Sheet 2

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for Erosion and Sediment Control was prepared and submitted to me 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.



8-3-73 Date  
G. Nelson Clark Signature

**DEVELOPER'S CERTIFICATE**

I certify that all development and construction will be done according to this plan and I agree to pay for Erosion and Sediment Control and to reimburse periodic cost of inspection by the Howard Soil Conservation District as authorized by its Board of Engineers. Deviation from this plan shall be made under the approval of the Howard Soil Conservation District.

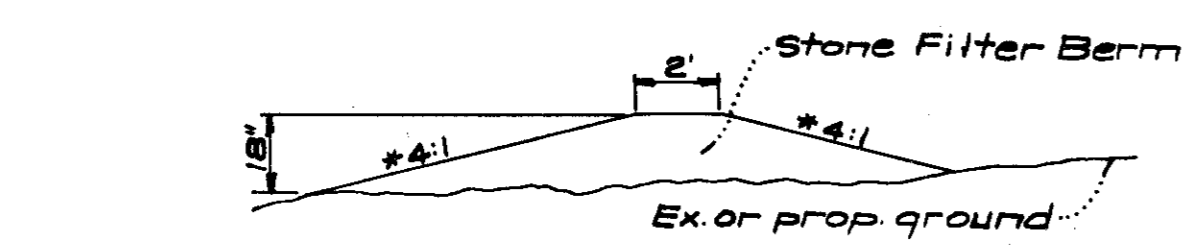
Sept. 21, 1973 Date  
Richard W. Ziehm Signature

Reviewed for Howard Soil Conservation District  
James M. Hahn, District Engineer  
U.S. Soil Conservation Service

THE DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL MEASURES BY THE DISTRICT ENGINEER.

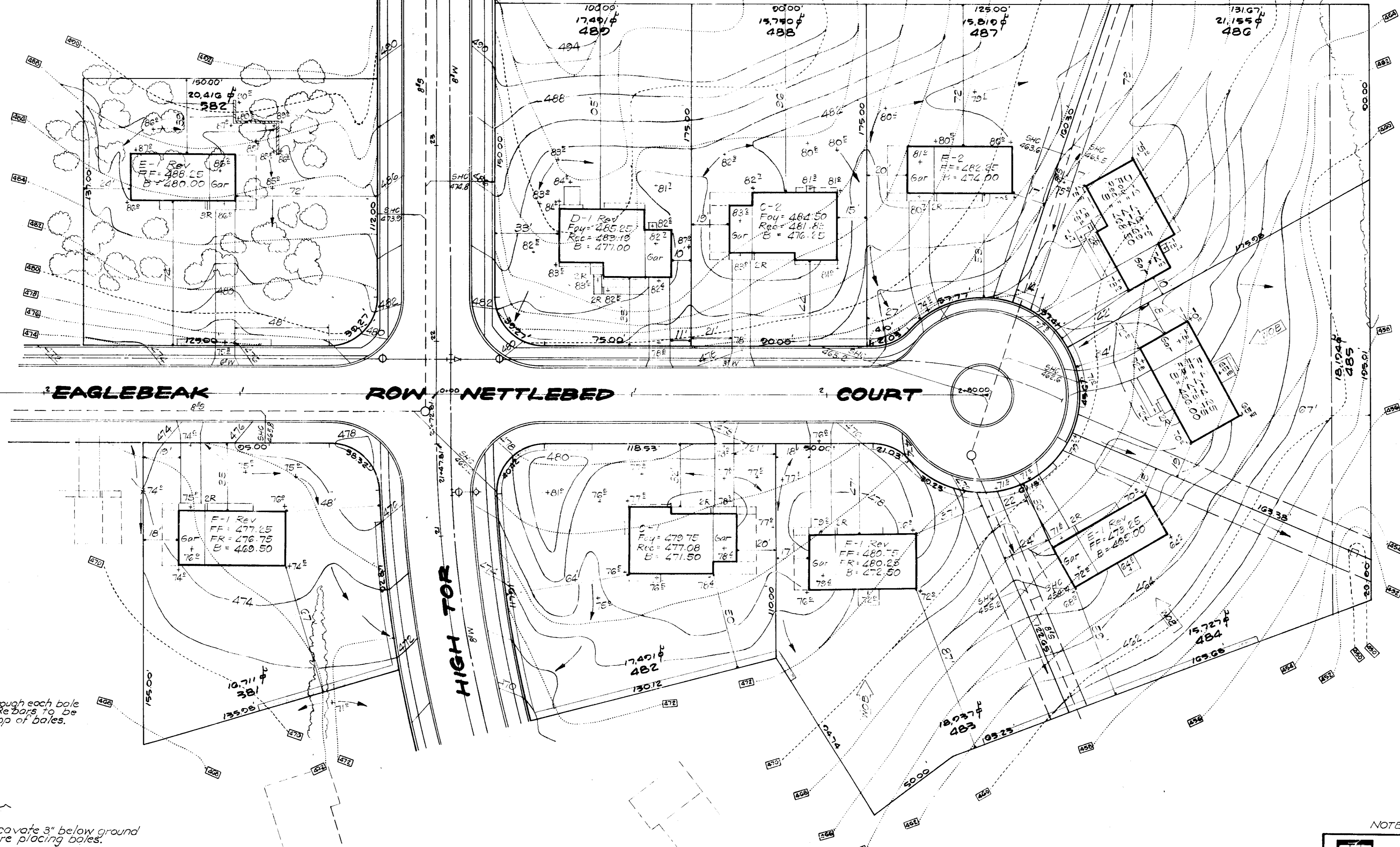
APPROVED Richard W. Ziehm DATE 10-24-73

<b>CLARK • FINEROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11515 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400			
DESIGNED R.J.S.	<b>SEDIMENT &amp; EROSION CONTROL PLAN</b> LOTS 400 THRU 501 <b>COLUMBIA</b> VILLAGE OF LONGREACH SECTION 1 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'	
DRAWN R.P.R.		DRAWING 10 of 1	
CHECKED G.N.C.		JOB NO.	
DATE Aug. 1973		FOR: RICHARD ROBINS CONSTRUCTION 305 Silver Spring Ave. Silver Spring, Md. 20910 TEL. 585-5955	FILE NO. 1115-SE
		12 Lots	



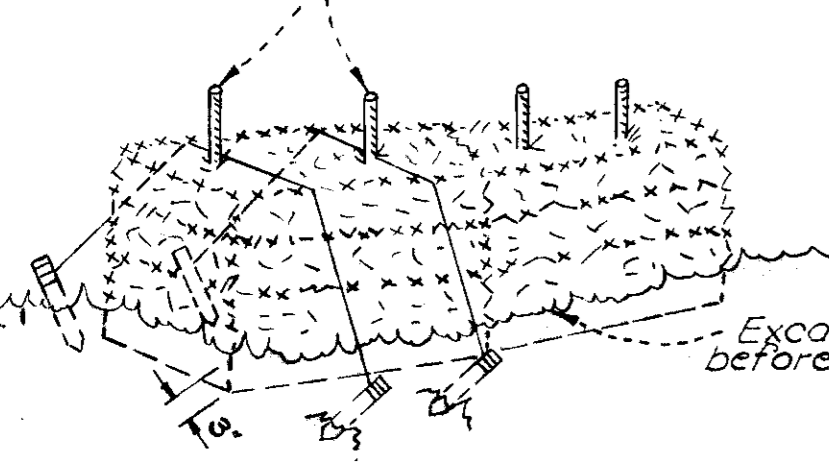
\* Slopes to be flat enough to accommodate construction vehicles without damaging berm.  
 NOTE: Stone shall be 4" to 6" in diameter.

**STONE FILTER BERM DETAIL**  
 No Scale



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

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



Excavate 3" below ground before placing bales.

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

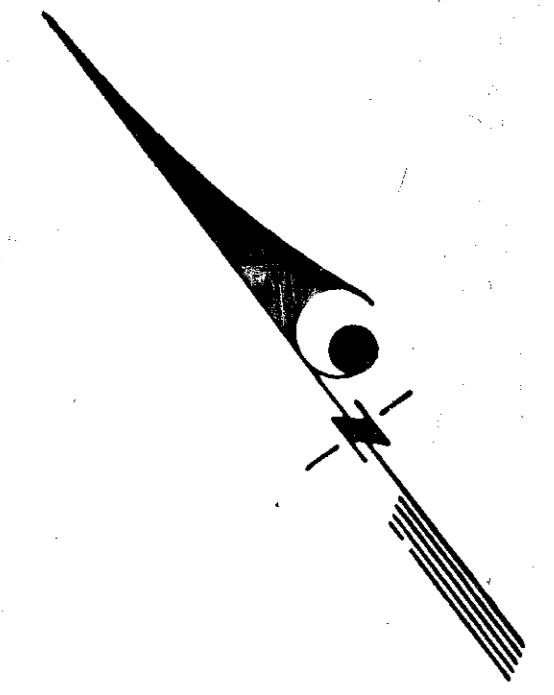
10/11/73  
 J. J. J.

NOTE: Straw Bales shown thus: [Symbol]

<b>CLARK • FINEROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400		
DESIGNED	R.J.S.	SCALE
DRAWN	R.P.R.	1" = 30'
CHECKED	G.N.C.	DRAWING
DATE	Aug., 1973	20 of 4
FOR: RICHARD ROBINS CONSTRUCTION 905 Silver Spring Ave. Silver Spring, Md. 20910 781-585-9555		JOB NO.
		FILE NO.
		115-SE

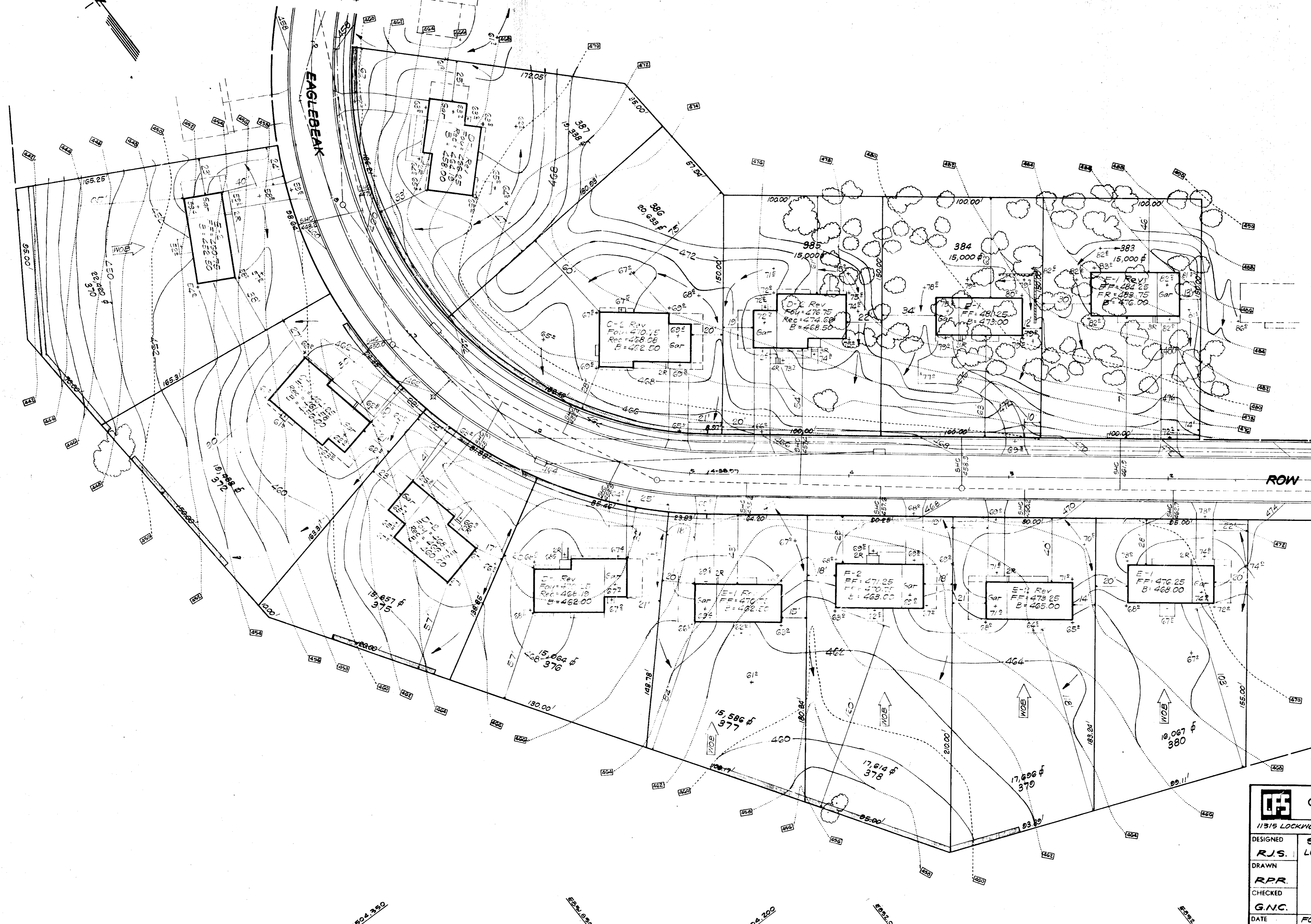
10 Lots

S.A.D. 74-18



See Sheet 4

EAGLEBEAK



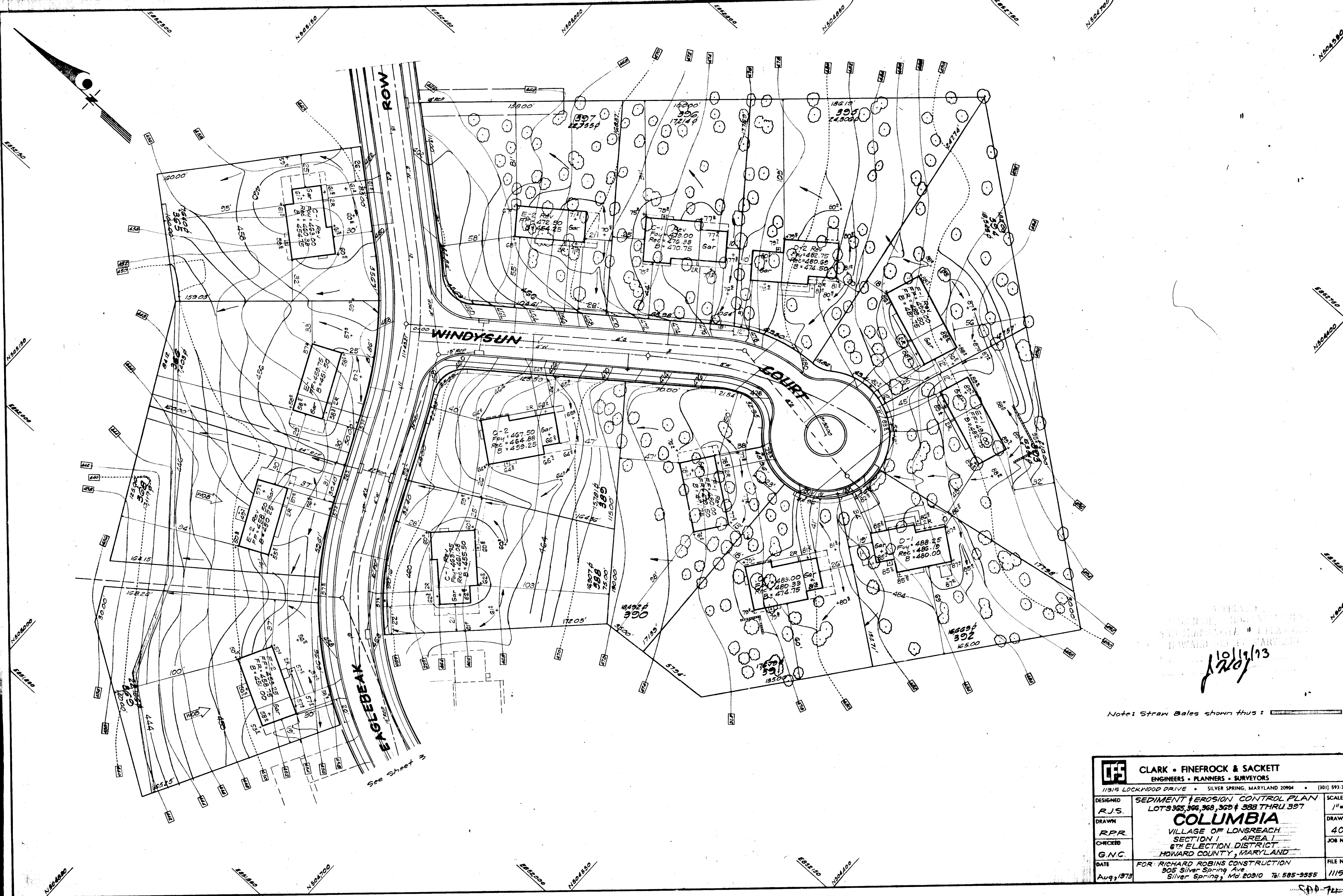
See Sheet 2

APPROVED  
DIVISION OF LAND-ENVIRONMENT  
PLANNING & SURVEYING  
HOWARD COUNTY, MARYLAND  
10/11/73  
J. Noel

Note: Straw Bales shown thus: [Symbol]

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400		
DESIGNED R.J.S.	<b>SEDIMENT &amp; EROSION CONTROL PLAN</b> LOTS 370, 372, 375 THRU 380 & 383 THRU 387	SCALE 1" = 30'
DRAWN R.P.R.	<b>COLUMBIA</b> VILLAGE OF LONGREACH SECTION 1 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	DRAWING 3 OF 4
CHECKED G.N.C.	FOR: RICHARD ROBINS CONSTRUCTION 905 Silver Spring Ave. Silver Spring, Md. 20910 Tel. 585-9555	JOB NO.
DATE Aug., 1973		FILE NO. 1115-SE

SDP 74



10/19/13  
*[Signature]*

Note: Straw Bales shown thus:

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400		
DESIGNED	R.J.S.	SCALE
DRAWN	R.P.R.	1" = 30'
CHECKED	G.N.C.	DRAWING
DATE	Aug, 1973	40F4
SEDIMENT & EROSION CONTROL PLAN LOTS 385, 386, 388, 389 & 398 THRU 397 <b>COLUMBIA</b> VILLAGE OF LONGREACH SECTION 1 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND		JOB NO.
FOR: RICHARD ROBINS CONSTRUCTION 905 Silver Spring Ave. Silver Spring, Md. 20910 Tel: 585-9555		FILE NO.
		1115-SE