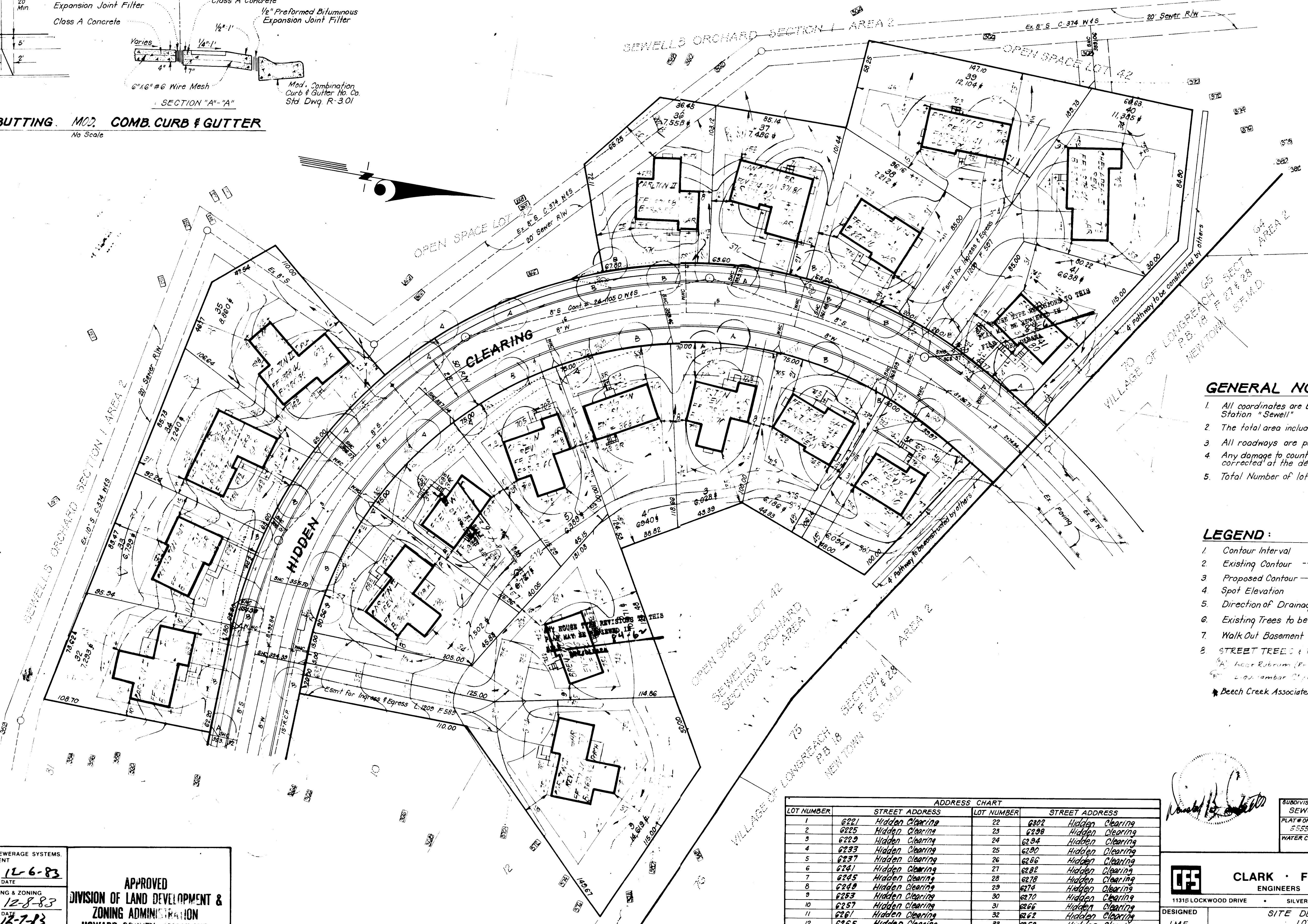
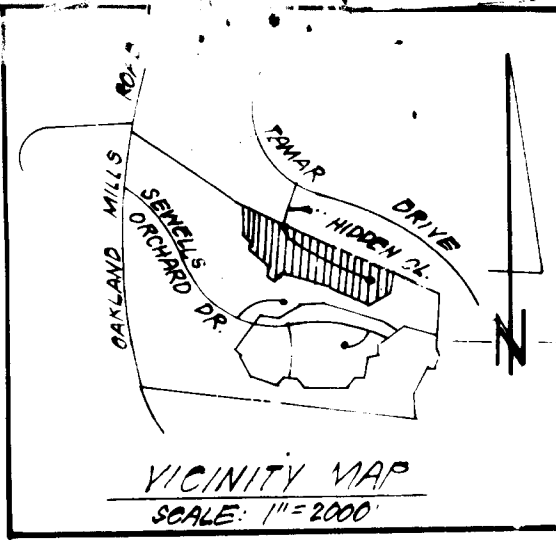


DRIVEWAY ABUTTING MOD. COMB. CURB & GUTTER
No Scale



GENERAL NOTES:

- All coordinates are based on Howard County Control Station "Sewell"
- The total area included in this plan is 7.681 Acres
- All roadways are public & existing
- Any damage to county owned rights of way shall be corrected at the developers expense
- Total Number of lots: 41

LEGEND:

- Contour Interval 2 FT.
- Existing Contour
- Proposed Contour
- Spot Elevation +70.5
- Direction of Drainage
- Existing Trees to be retained
- Walk Out Basement
- STREET TREES & BUFFER PLANTING *
* Beech Creek Associates c/o Earl Armiqer 3367 Ducks Foot Lane, Ellicott-City, MD 21043

ADDRESS CHART			
LOT NUMBER	STREET ADDRESS	LOT NUMBER	STREET ADDRESS
1	6221 Hidden Clearing	22	6202 Hidden Clearing
2	6225 Hidden Clearing	23	6208 Hidden Clearing
3	6229 Hidden Clearing	24	6204 Hidden Clearing
4	6233 Hidden Clearing	25	6200 Hidden Clearing
5	6237 Hidden Clearing	26	6206 Hidden Clearing
6	6241 Hidden Clearing	27	6202 Hidden Clearing
7	6245 Hidden Clearing	28	6208 Hidden Clearing
8	6249 Hidden Clearing	29	6204 Hidden Clearing
9	6253 Hidden Clearing	30	6200 Hidden Clearing
10	6257 Hidden Clearing	31	6206 Hidden Clearing
11	6261 Hidden Clearing	32	6202 Hidden Clearing
12	6265 Hidden Clearing	33	6208 Hidden Clearing
13	6269 Hidden Clearing	34	6204 Hidden Clearing
14	6273 Hidden Clearing	35	6200 Hidden Clearing
15	6277 Hidden Clearing	36	6206 Hidden Clearing
16	6281 Hidden Clearing	37	6202 Hidden Clearing
17	6285 Hidden Clearing	38	6208 Hidden Clearing
18	6289 Hidden Clearing	39	6204 Hidden Clearing
19	6293 Hidden Clearing	40	6200 Hidden Clearing
20	6297 Hidden Clearing	41	6206 Hidden Clearing
21	6301 Hidden Clearing		

SUBDIVISION NAME SEWELLS ORCHARD	SECT./AREA 2/1	LOT/PARCEL # 1 THRU 41
PLAT # OR LIP 5555	BLOCK # 17	ZONE R.S.C.
TAX/ZONE MAP 36 P. 247	ELEC. DIST. 6TH	CENSUS TR. 6065.02
WATER CODE E04	SEWER CODE 55.33600	

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

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

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY MARYLAND

DATE 12-6-83

DATE 12-8-83

DATE 12-7-83

DATE 10-14-83

DATE 12-5-83

DATE 12-2-83

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY MARYLAND
DATE 10-14-83

Handwritten signature

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED: J.M.E.
DRAWN: J.M.E.
CHECKED: J.M.E.
DATE: Sept-83

SITE DEVELOPMENT PLAN
LOTS 1 THRU 41

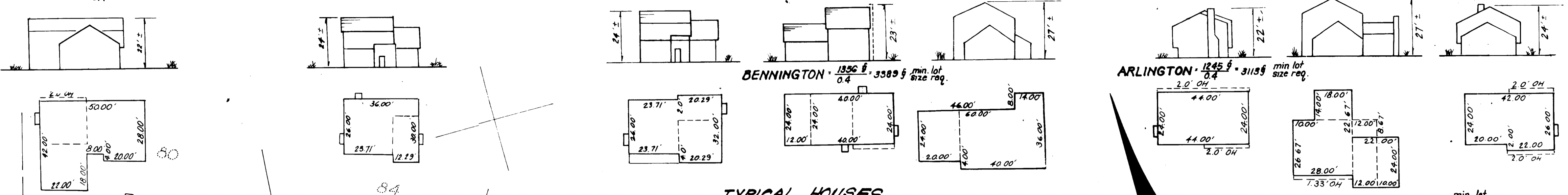
SEWELLS ORCHARD
SECTION 2 AREA 1
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: DIVERSIFIED HOUSING CORP
Suite 211 American City Bldg
Columbia, Maryland 21044

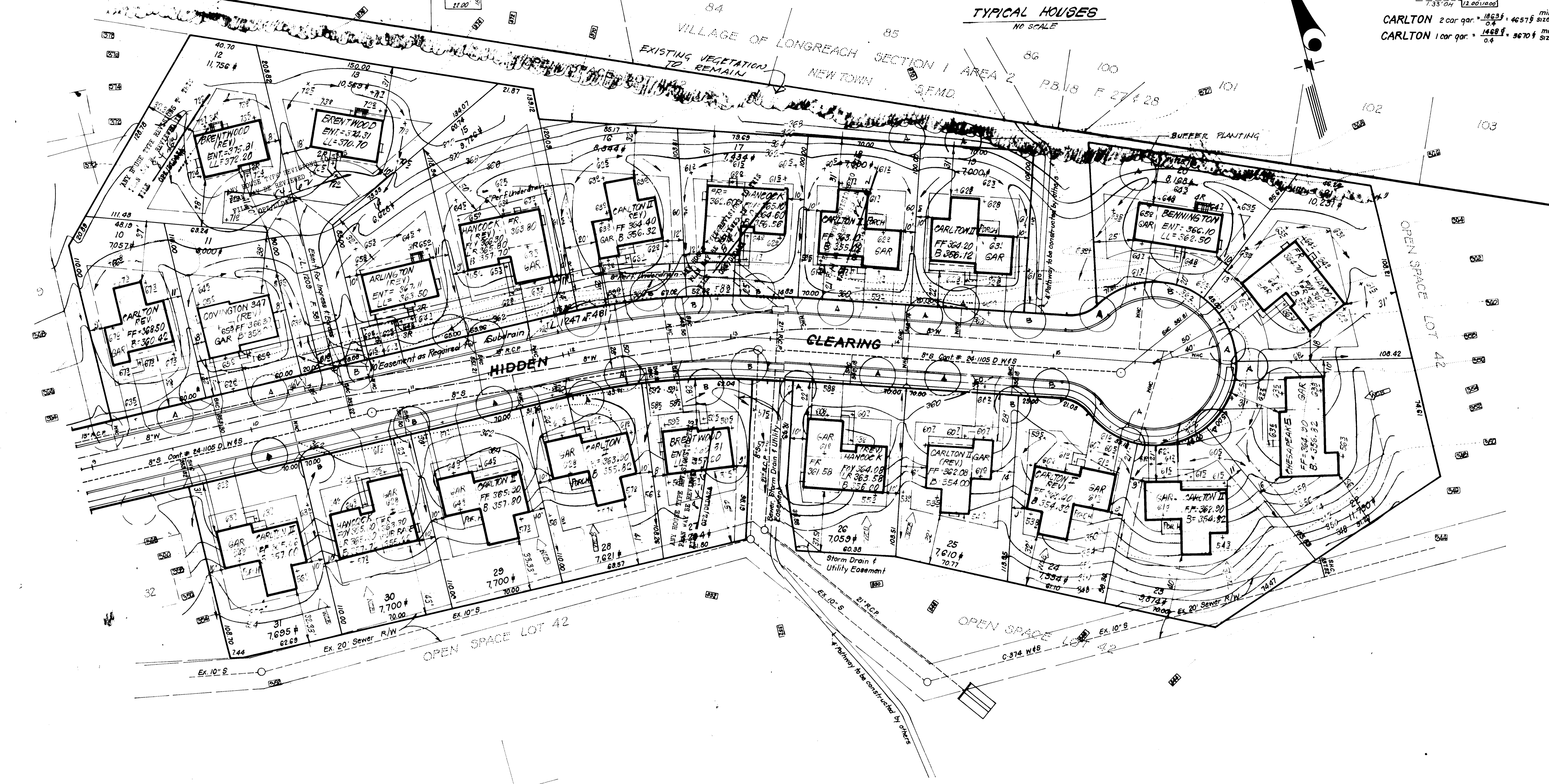
SCALE: 1" = 30'
DRAWING: 1 of 5
JOB NO: 83-068
FILE NO: 83-068-X

SDP-84-62

HANCOCK = $\frac{1845.6}{0.4} = 4614$ min. lot size req. COVINGTON = $\frac{1119}{0.4} = 2797$ min. lot size req. COVINGTON 347 = $\frac{1418}{0.4} = 3544$ min. lot size req. CHESAPEAKE = $\frac{1780}{0.4} = 4475$ min. lot size req. BRENTWOOD = $\frac{1185}{0.4} = 2962$ min. lot size req.



CARLTON 2 car gar. = $\frac{1853}{0.4} = 4632$ min. lot size req.
CARLTON 1 car gar. = $\frac{1468}{0.4} = 3670$ min. lot size req.



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
Joseph J. ... 12-6-83
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
... 12-8-83
PLANNING DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
... 12-5-83
DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING
... 12-5-83
DATE

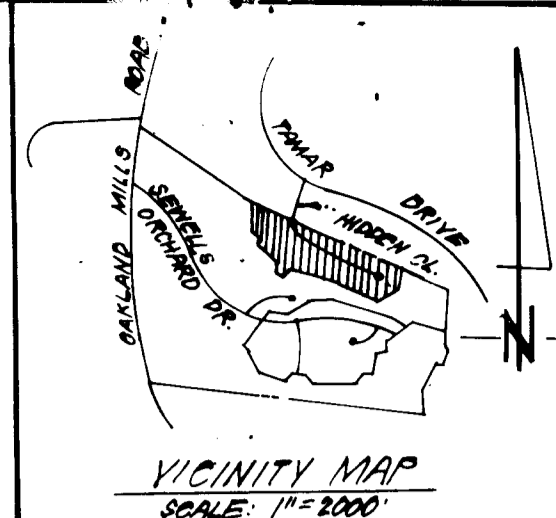
APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 10-14-83
...

CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-3400		
DESIGNED J.M.E.	SITE DEVELOPMENT PLAN LOTS 1 THRU 41 SEWELLS ORCHARD SECTION 2 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: DIVERSIFIED HOUSING CORP. Suite 211 American City Bldg. Columbia, Maryland 21044	SCALE 1" = 30'
DRAWN J.M.E.		DRAWING 2 of 5
CHECKED J.M.E.		JOB NO. 83-068
DATE 3/24/83		FILE NO. 83-068-X
SIGNED: <i>Donald B. Sackett</i> PROJECT MANAGER		

SDP-84-62

SEDIMENT TRAP TABLE

TRAP No.	TRAP	DRAINAGE AREA	STORAGE REQ'D	STORAGE PROVIDED	TOP OF STONE CREST ELEV.	BOTTOM ELEVATION	BOTTOM DIMENSIONS	DEPTH
1	505T ST-3	0.4 Ac	720 cF	720 cF	368.0	365.0	18'x4'	3'
2	"	1.1 Ac	1260 cF	1260 cF	367.0	364.0	57'x8'	3'
3	"	0.7 Ac	1260 cF	1287 cF	365.0	362.0	See Plan	3'
4	"	0.9 Ac	1620 cF	1650 cF	364.0	351.0	44'x5'	3'
5	"	1.2 Ac	2160 cF	2160 cF	364.0	361.0	See Plan	3'
6	"	1.3 Ac	2340 cF	2343 cF	361.0	361.0	68'x8'	3'
7	"	1.7 Ac	3060 cF	3120 cF	359.5	356.5	See Plan	3'
8	"	0.8 Ac	1080 cF	1092 cF	262.5	259.5	20'x8'	3'
9	"	0.8 Ac	1440 cF	1440 cF	351.5	348.5	26'x9'	3'



- LEGEND:**
- 1. Contour Interval 2 Ft.
 - 2. Existing Contour - - - - -
 - 3. Proposed Contour - - - - -
 - 4. Spot Elevation +70.5
 - 5. Direction of Drainage →
 - 6. Existing Trees to be retained ○
 - 7. Walk Out Basement [Symbol]
 - 8. Perimeter Dike [Symbol]
 - 9. Diversion Dike [Symbol]
 - 10. Straw Bale Dike or Silt Fence [Symbol]
 - 11. Stone Filter Inlet Protection [Symbol]
 - 12. Stone Construction Entrance [Symbol]
 - 13. Temporary 12" Pipe [Symbol]

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 12-6-83

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *[Signature]* DATE: 12-8-83

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* DATE: 12-5-83

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 10-14-83
[Signature]

Reviewed for Howard SCD
 Date: 10-1-83
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY HOWARD SOIL
 CONSERVATION SERVICE
[Signature] DATE: 12-1-83

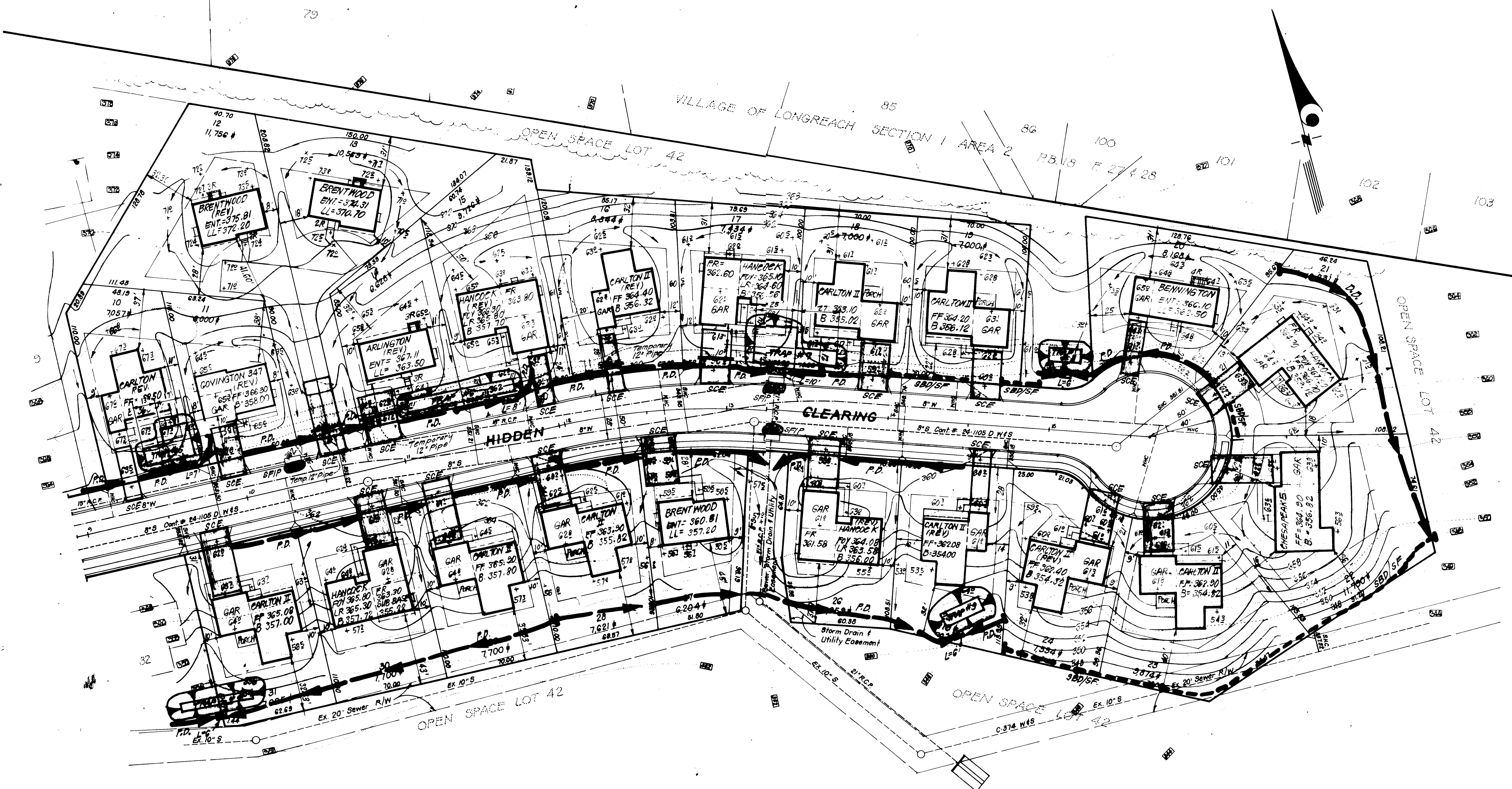
[Signature] 9/14/83
 PAUL MONTGOMERY

ENGINEER'S CERTIFICATE
 I hereby certify that the above described project and
 sediment control measures are in accordance with the
 standards and criteria of the National Sedimentation
 Act and the regulations of the National Sedimentation
 Act.
[Signature] 9-14-83
 G. Nelson Clark Date

CLARK · FINEFROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS
 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED J.M.E.	SEDIMENT & EROSION CONTROL PLAN LOTS 1 THRU 41	SCALE 1"=30'
DRAWN J.M.E.	SECTION 2 AREA 1	DRAWING 3 of 5
CHECKED J.M.E.	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 83-068
DATE Sept. -83	FOR: DIVERSIFIED HOUSING CORP. Suite 211 American City Bldg. Columbia, Maryland 21044	FILE NO. 83-068 SE

SDP-84-62



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER *[Signature]* DATE 12-6-83

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR *[Signature]* DATE 12-8-83

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR *[Signature]* DATE 12-5-83

Reviewed for *Howard* SCD
 Requirements
[Signature] DATE 12-7-83
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD SOIL
 CONSERVATION SERVICE.

APPROVED: *[Signature]* DATE 12-1-83

WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE
 IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT
 CONTROL AND THAT ALL NECESSARY PREVENTIVE MEASURES WILL BE INSTALLED AND
 MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.

Site: *[Signature]* DATE 9/14/83
 PAUL MONTGOMERY

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Erosion and
 Sediment Control is a true and correct copy of the
 original plan as shown to me by the client and that it
 complies with the requirements of the Howard Soil Conservation
 District.

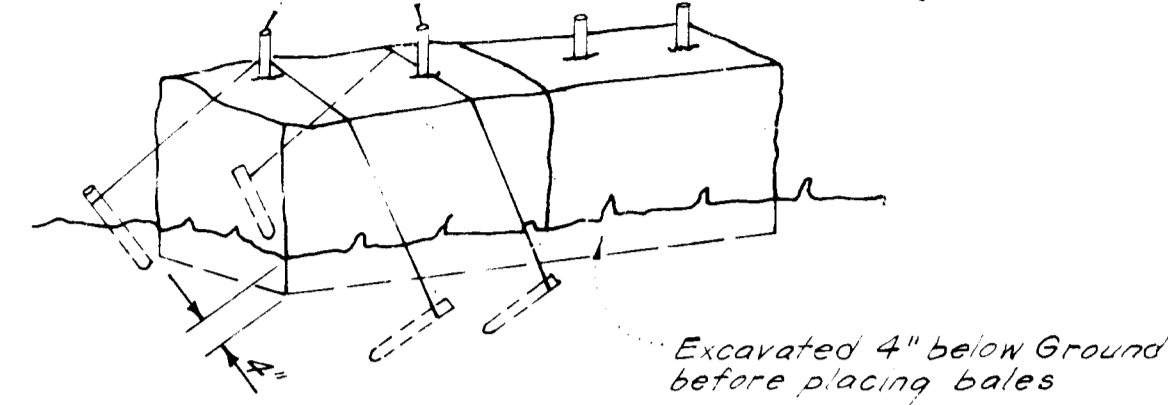
[Signature] DATE 9-14-83
 G. Nelson Clark

CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400		
DESIGNED <i>[Signature]</i> DRAWN <i>[Signature]</i> CHECKED <i>[Signature]</i> DATE Sept. 83	SEDIMENT & EROSION CONTROL PLAN LOTS 1 THRU 41 SEWELLS ORCHARD SECTION 2 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: DIVERSIFIED HOUSING CORP. Suite 211 American City Bldg. Columbia, Maryland 21024 SDP-84-62	SCALE 1" = 30' DRAWING 4 of 5 JOB NO. 83-060 FILE NO. 83-068

GENERAL NOTES

- Grading Permits shall be obtained prior to installation of Sediment Control & Grading
- 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 #6 for stabilization except that the seed mixture will be annual - see applied at a rate of .4 lbs/1000 sf.
- 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 Sediment and Erosion 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 lbs/1000 sf. Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 and 20% annual ryegrass
 - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sf. Ground Agriculture Lime or Dolomitic Lime applied at a rate of 90 lbs/1000 sf
 - Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 sf. Mulch shall be secured to the ground by any approved method (i.e., asphalt tacks, chemical binder etc)
 - All Sod 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 including clean out 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
- It will be the developers responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the import of any borrow or export of waste to or from this site.
- All pipes to be blocked at the end of each day. See detail this sheet
- Total Amount of Straw Bales or Silt Fence shown = **860** L.F.
- SITE ANALYSIS:**
 - Total Area: **7.681** Acres
 - Area to be Roofed: **1.329** Acres
 - Area to be Paved: **0.644** Acres
 - Area to be Seeded: **5.350** Acres
 - Area Undisturbed: **0.358** Acres
- CONSTRUCTION SEQUENCE:**
 - Install Sediment & Erosion Control Devices and Stabilize Diversion Dike
 - Excavate for Foundations and Rough Grade
 - Erect Structures, Driveways and Sidewalks
 - Final Grade and Stabilize in accordance with note #6
- 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.

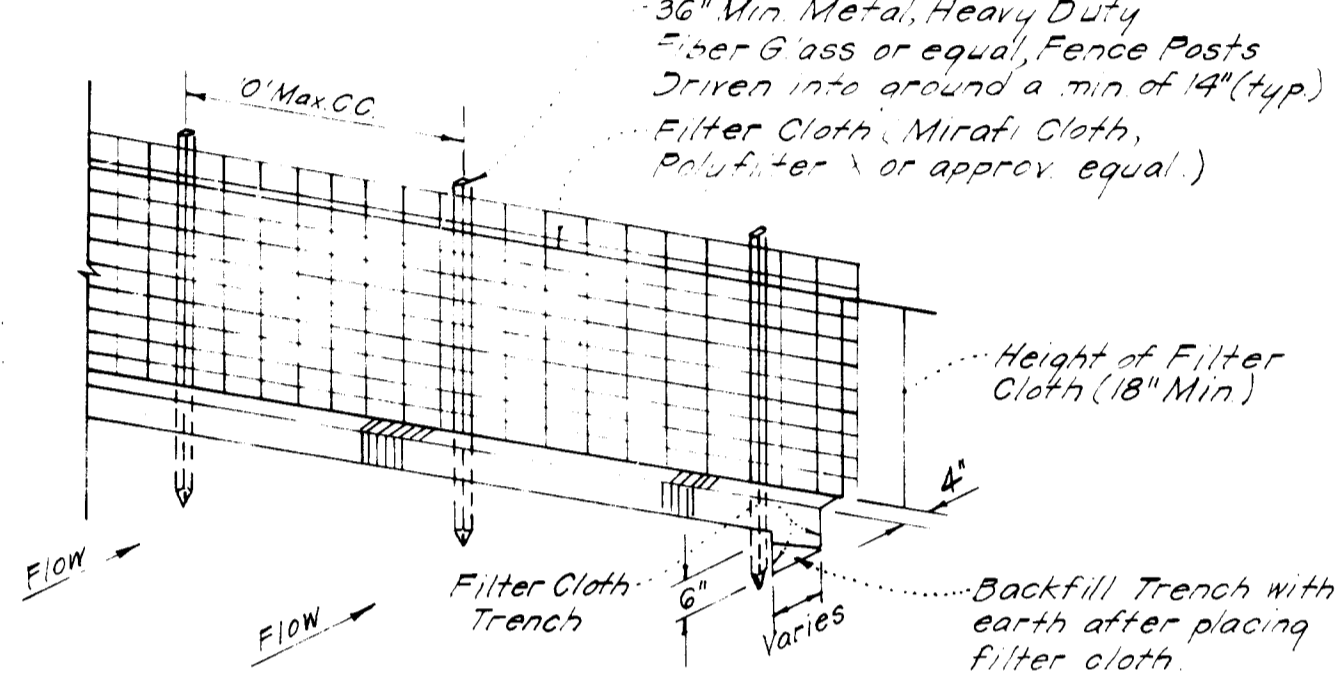
Bales shall be tied with non-weathering materials, i.e. wire nylon



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

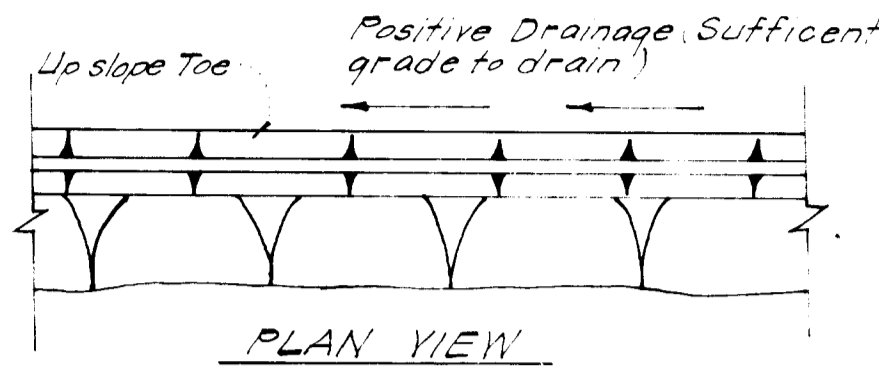
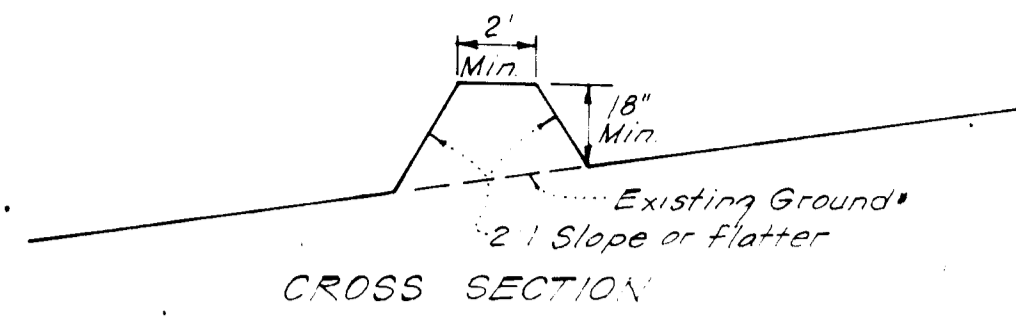
STRAW BALE DIKE DETAIL (S.B.D.)
No SCALE

Woven wire fence - Min 4 gage; 6" Max spacing

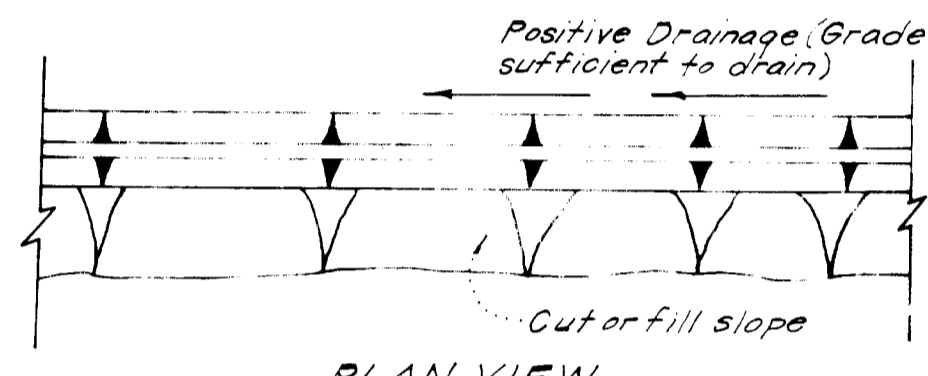
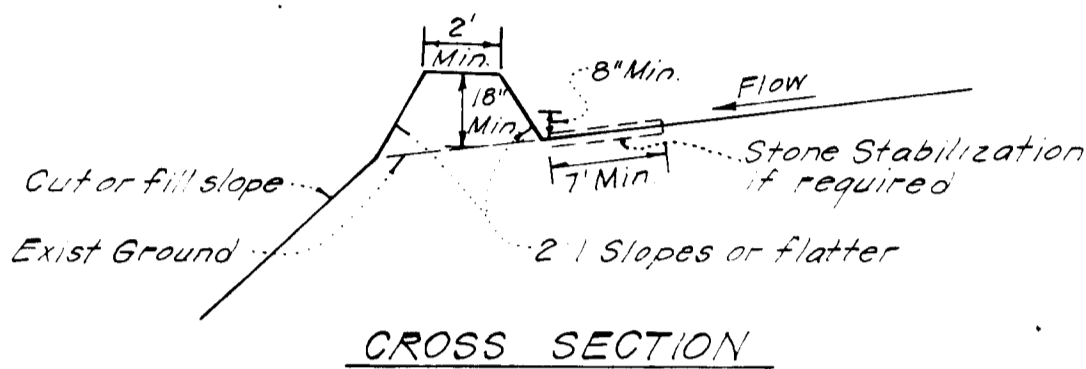


Notes: 1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties. 2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24".

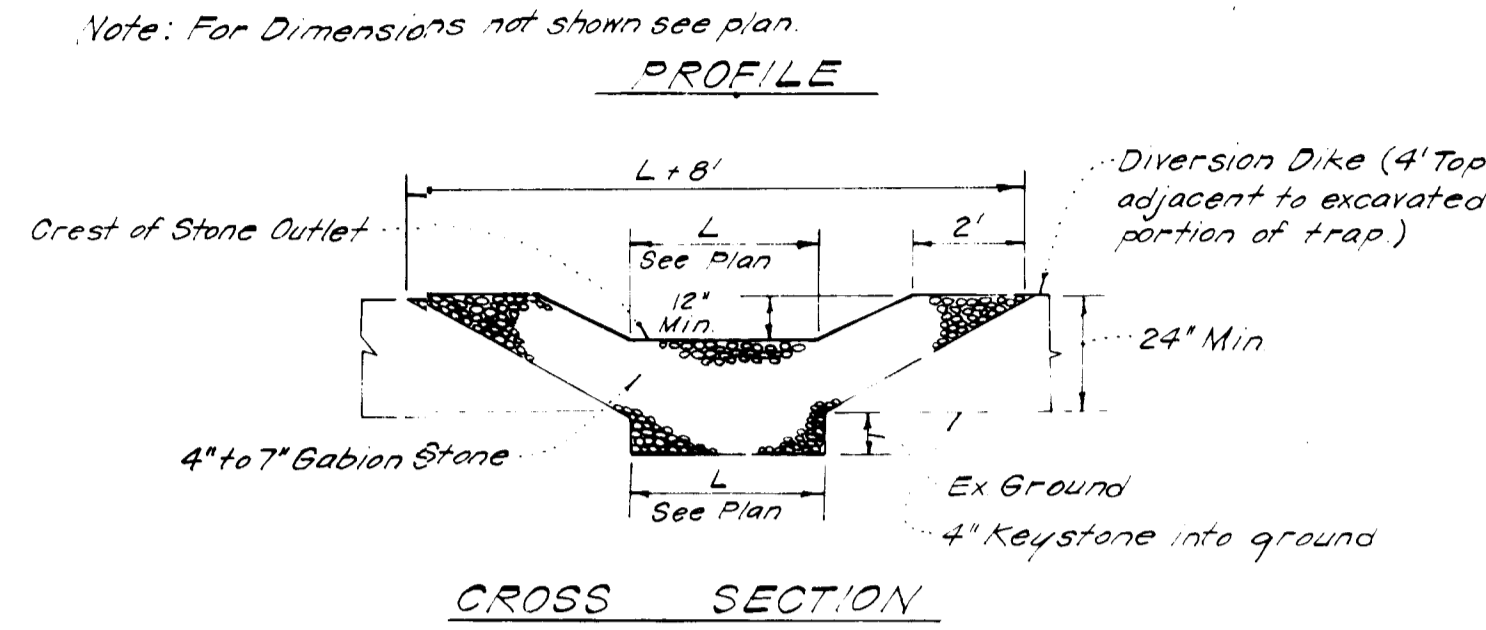
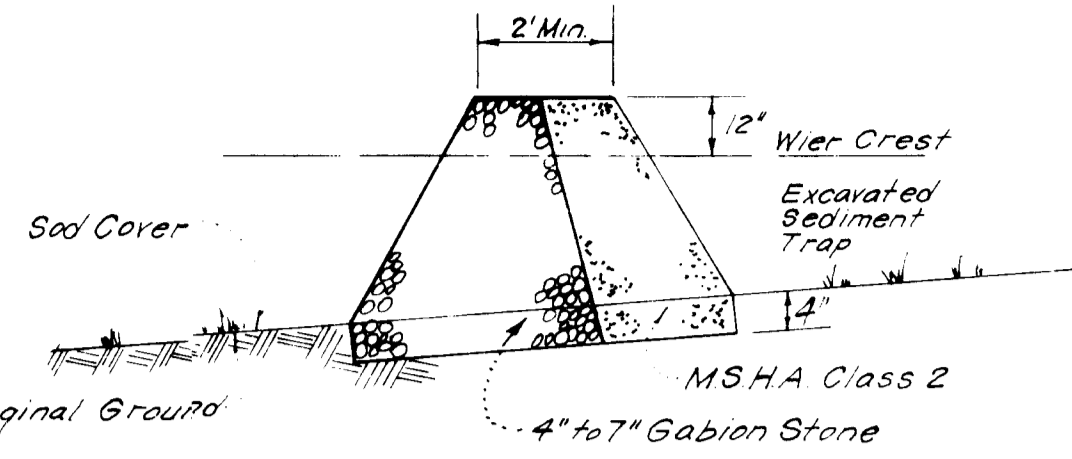
SILT FENCE DETAIL (S.F.)
No SCALE



PERIMETER DIKE (P.D.)
No SCALE

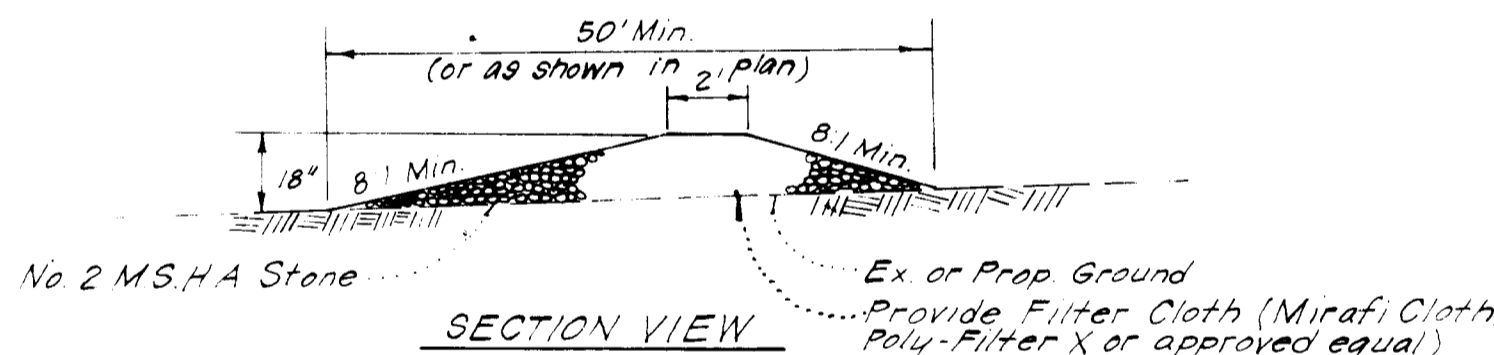


DIVERSION DIKE (D.D.)
No SCALE

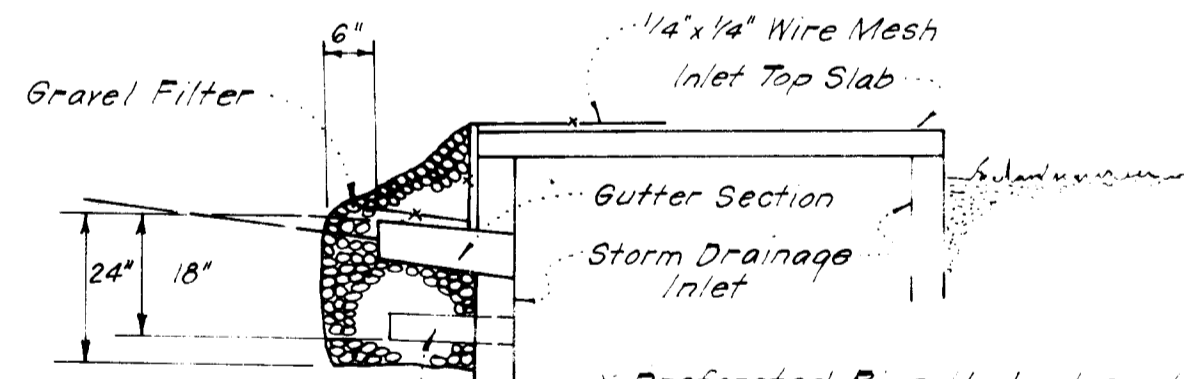
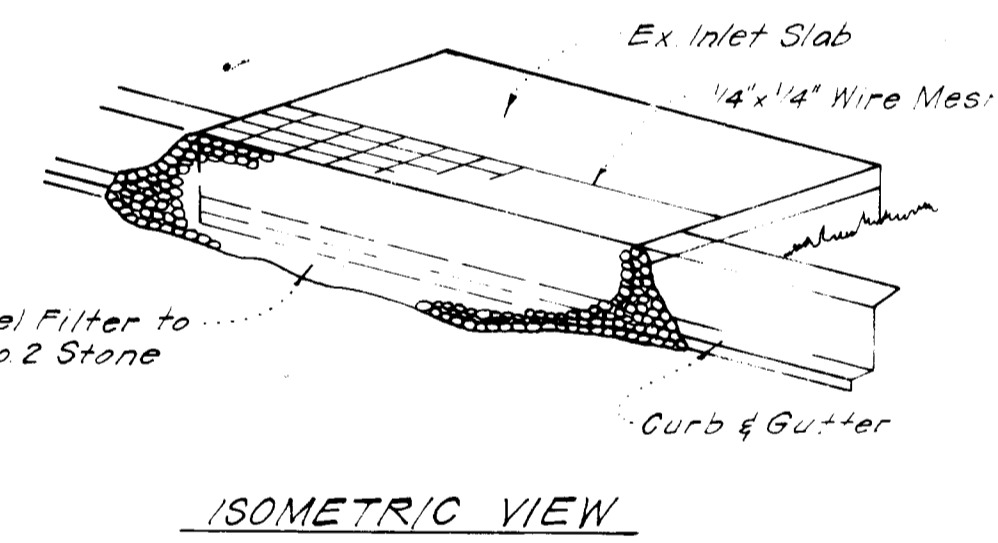


Notes: 1. Sediment Trap to be cleaned out when sediment reaches a level of 1ft below crest of stone outlet. 2. Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan. 3. Stone Outlet to be constructed through diversion dike adjacent to excavated.

DETAILS OF STONE FILTER OUTLET FOR STONE OUTLET SEDIMENT TRAP
No SCALE

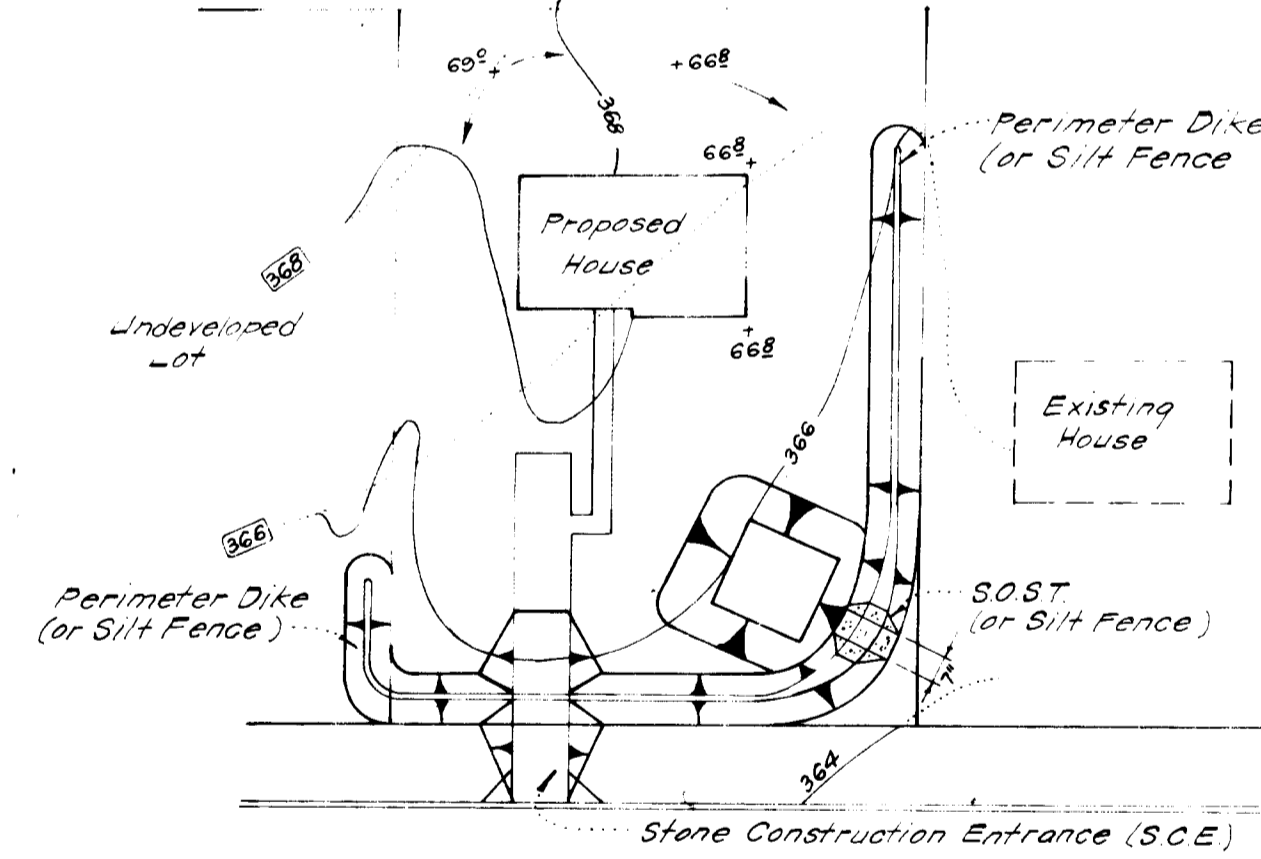


STONE CONSTRUCTION ENTRANCE (S.C.E.)
No SCALE



* Prefabricated Pipe Underdrain to be installed at time of inlet construction. Do not install prefabricated pipe and stone below ground if inlet and/or paving are constructed.

STONE FILTER INLET PROTECTION (S.F.I.P.)
No SCALE



SINGLE LOT SEDIMENT CONTROL PLAN
No SCALE

S.O.S.T. *			
Lot Size	1/4 Ac	1/2 Ac	1 Ac
L	2'	3'	6'
Depth	2'	2'	2'
Bot Length	11'	26'	26'
Bot Width	11'	11'	26'
Bot Area	12'6"	286'6"	676'6"

* See Std ST-3 pg 2007 for det not shown. ** Can be adjusted in field but bottom area must be as given or greater.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 12-6-83
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 12-8-83
 12-7-83
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 12-5-83
 12-5-83

Reviewed for HOWARD COUNTY
 12-1-83
 Approved
 12-1-83

PAUL MONTGOMERY
 9/4/83
 Date

6 Nelson Clark
 9-14-83
 Date

CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LUKWILD DR. VE. COLUMBIA, MARYLAND 21044
 DESIGNED BY **BP**
 DRAWN BY **KIN**
 CHECKED BY **BP**
 DATE **Sept, 83**
SEDIMENT & EROSION CONTROL PLAN
LOTS 1 THRU 41
SEWELLS ORCHARD
SECTION 2 AREA 1
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
 FOR: **DIVERSIFIED HOUSING CORP.**
 Suite 211 American City Bldg.
 Columbia, Md 21044
SDP-84-62
 SCALE: **As Shown**
 DRAWING: **50F5**
 JOB #: **83-068**
 DATE: **83-068SE**