

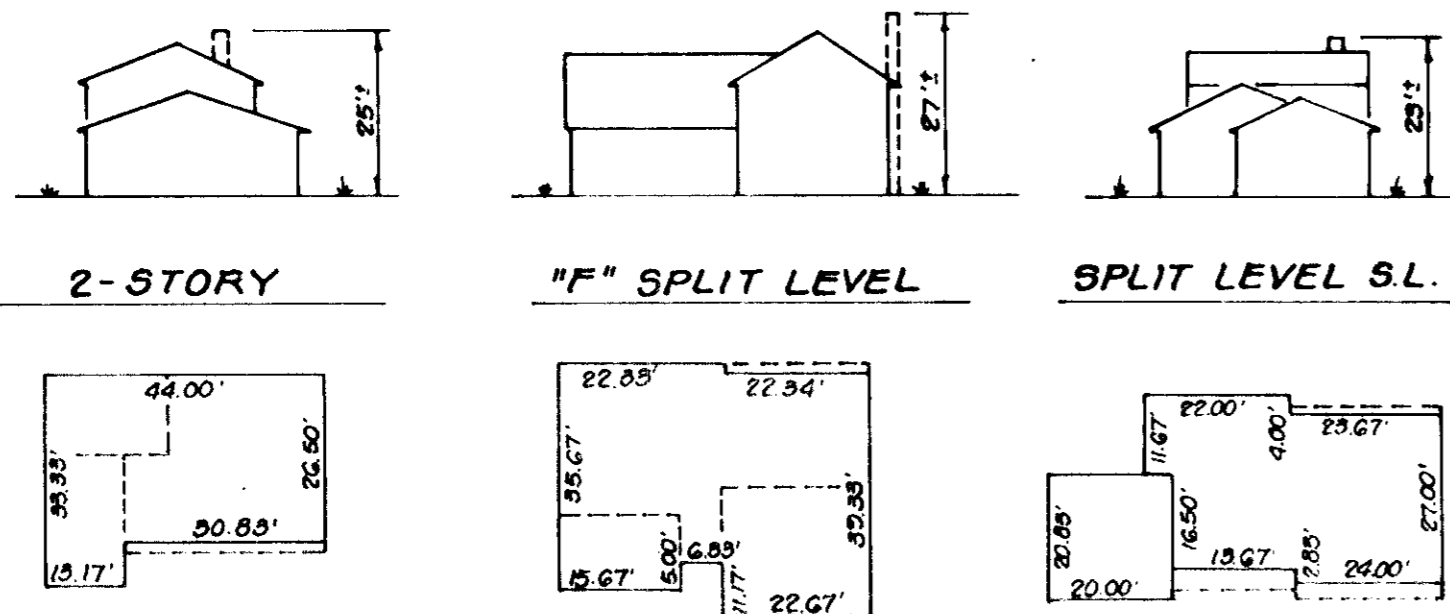
LEGEND

- 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. Yard Requirements:
 - Front: 20' Ft. on 50' Wide Street
 - Side: 7.5' Ft. (Min.)

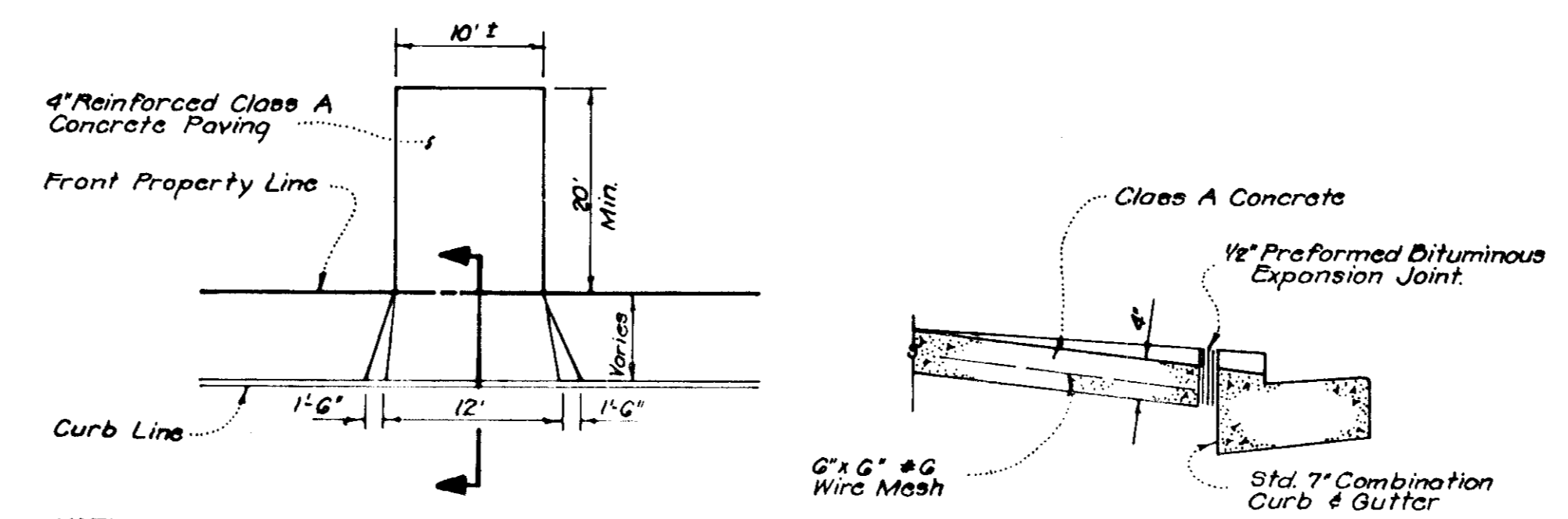
GENERAL NOTES

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 148 recorded in Plat Book 26, Folios 70 to 75.
3. All Coordinates are based on Maryland State Grid System. Elevations are based on U.S. Coast and Geodetic Survey Mean Sea Level Datum of 1929.
4. The Area covered in this submission is located on Tax Map # 42.
5. The Total Area included in this plan is 2.075 Acres.
6. Cape Ann Dr., Quantrell Row, & Cotton Mill La. are Public & Existing.
7. Any damage to County Owned Right-of-Ways or Paving shall be corrected at the developer's expense.

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 9-20-78



TYPICAL HOUSES
No Scale



PLAN SECTION A-A
DRIVEWAY ENTRANCE DETAIL
No Scale

NOTE: Use Residential Driveway Entrances, Howard Co. Dwg. D-34 pg. 85, except where driveway abuts Modified Comb. Curb & Gutter

NOTE: All Materials & Construction shall be in accordance with Howard Co. Road Contr. Code.

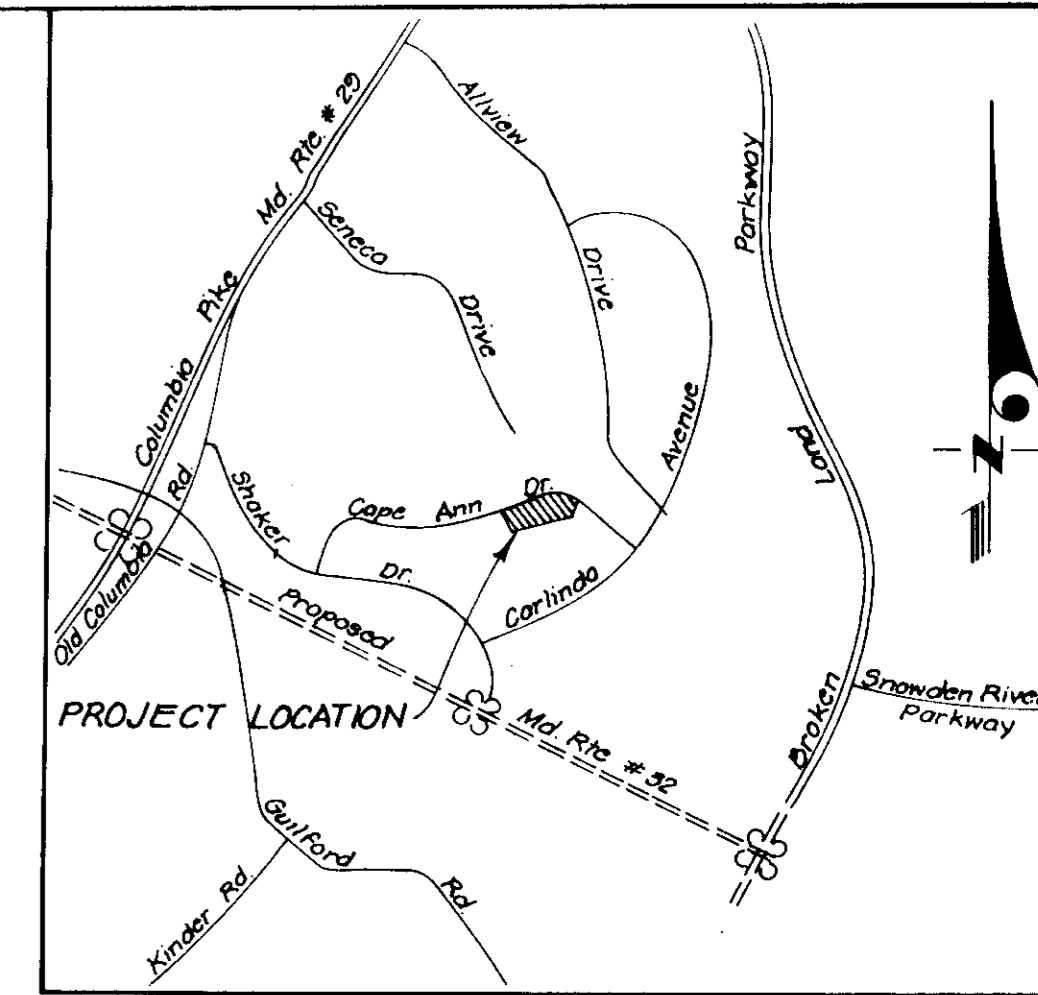
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
DATE 10-27-78
APPROVED FOR PLANNING & ZONING
DATE 10/24/78

See Plat Nos. 4113 & 4114

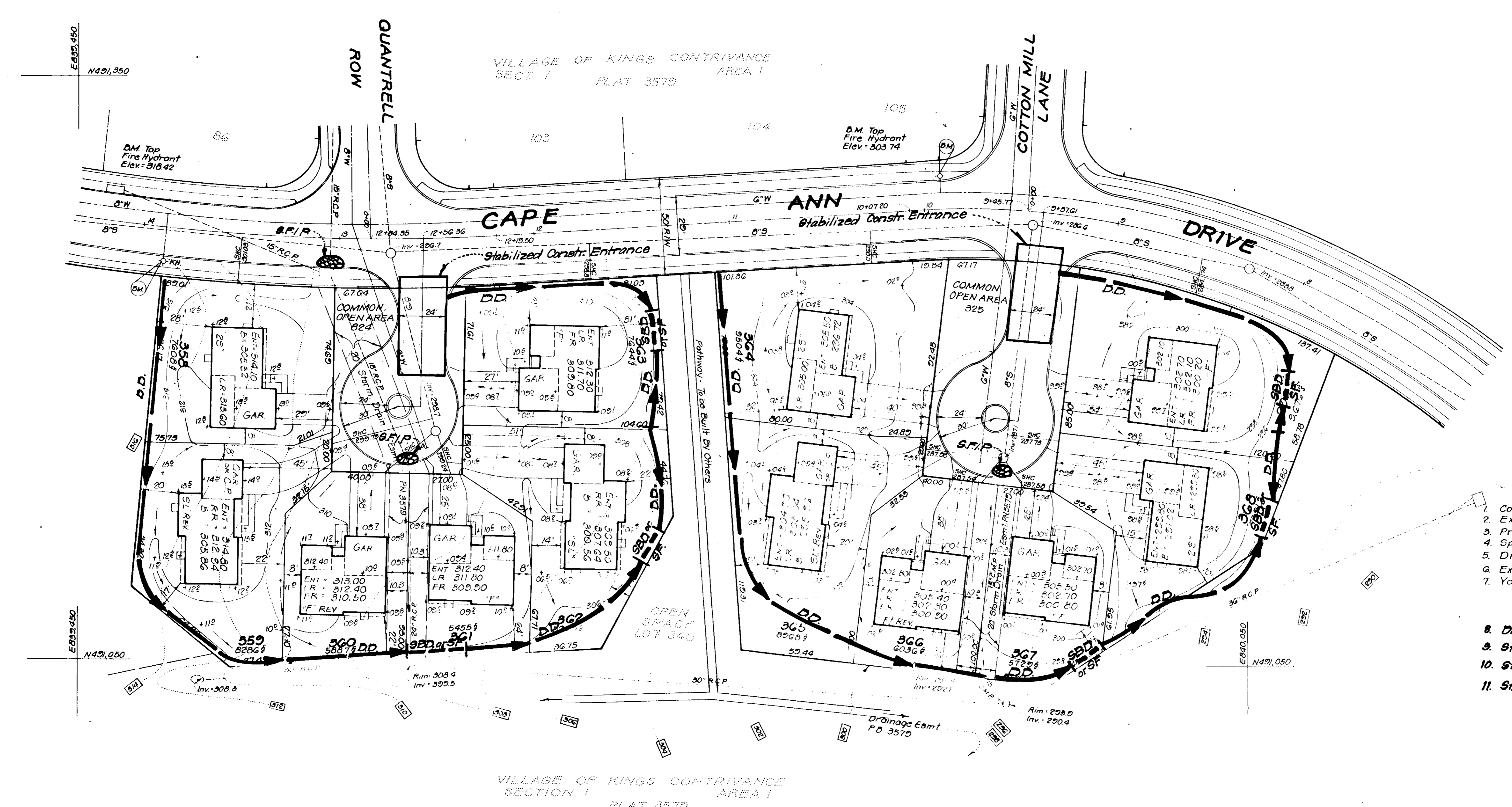
CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 551-3400

| | | |
|--------------------|---|--------------------|
| DESIGNED J.M.E. | SITE DEVELOPMENT PLAN LOTS 359, 360 THRU 367 COLUMBIA VILLAGE OF KING'S CONTRIVANCE SECTION I AREA I 6 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND For: Columbia Builders 606 American City Building Columbia, Maryland 21034 | SCALE 1" = 50' |
| DRAWN J.M.E. | | DRAWING 1 of 2 |
| CHECKED D.B.S. | | JOB NO. |
| DATE AUG, 1978 | | FILE NO. 1056-A |
| | | |

SDP-79-26c



VICINITY MAP
Scale: 1"=2000'



LEGEND

1. Contour Interval: 2 Ft.
2. Existing Contour: [Symbol]
3. Proposed Contour: [Symbol]
4. Spot Elevation: + 90'
5. Direction of Drainage: [Symbol]
6. Existing Trees to be Retained: [Symbol]
7. Yard Requirements: Front: 20' Ft. on 50' Wide Street, 30' Ft. on 60' Wide Street; Side: 7.5 Ft. (Min.)
8. Diversion Dike: [Symbol]
9. Straw Bale Dike or Silt Fence: [Symbol]
10. Stone Filter Inlet Protection: [Symbol]
11. Stabilized Construction Entrance: [Symbol]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
James H. [Signature] 10-27-78
DATE

AT HOWARD COUNTY OFFICE OF PLANNING & ZONING
Donald L. [Signature] 10-30-78
PLANNING DIRECTOR DATE

John W. [Signature] 10-30-78
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
Richard E. [Signature] 10/24/78
DIRECTOR DATE

W. O. [Signature] 10-23-78
CHIEF, BUREAU OF ENGINEERING DATE

Reviewed for Howard S.C.D.
Name
and meets Technical Requirements
C. [Signature] 10-10-78
Signature Date
U.S. Soil Conservation Service

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

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 are deemed necessary. Deviation from this plan
will not be made unless authorized by the Howard
Soil Conservation District.

B. James [Signature] 8-17-78
Signature Date
B. JAMES GREENFIELD

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.

G. Nelson [Signature] 8-17-78
Signature Date
G. NELSON CLARK



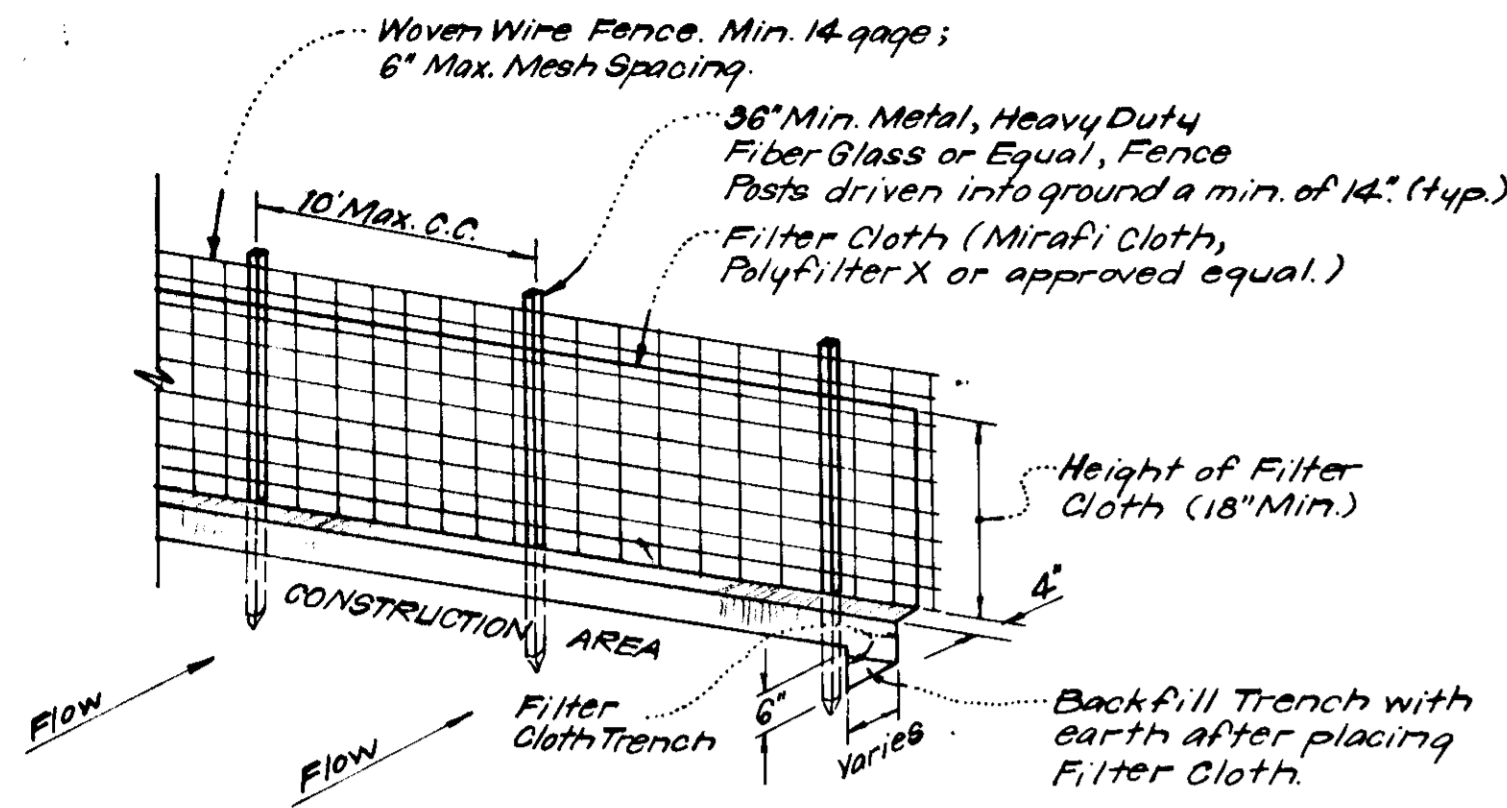
See Plat No.s 4115 & 4114

| | | |
|--|--|--------------------|
| CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 1135 CORKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400 | | |
| DESIGNED J.L.S. | SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS 292, 358 THRU 368 COLUMBIA | SCALE 1"=30' |
| DRAWN K.I.W. | VILLAGE OF KING'S CONTRIVANCE SECTION 1 AREA 1 7TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND | DRAWING 2 of 3 |
| CHECKED J.L.S. | | JOB NO. |
| DATE AUG, 1978 | For: Columbia Builders 606 American City Building Columbia, Maryland 21044 | FILE NO. 130682 |

SDP-79-26c Also See A.C.S. 11/15/78

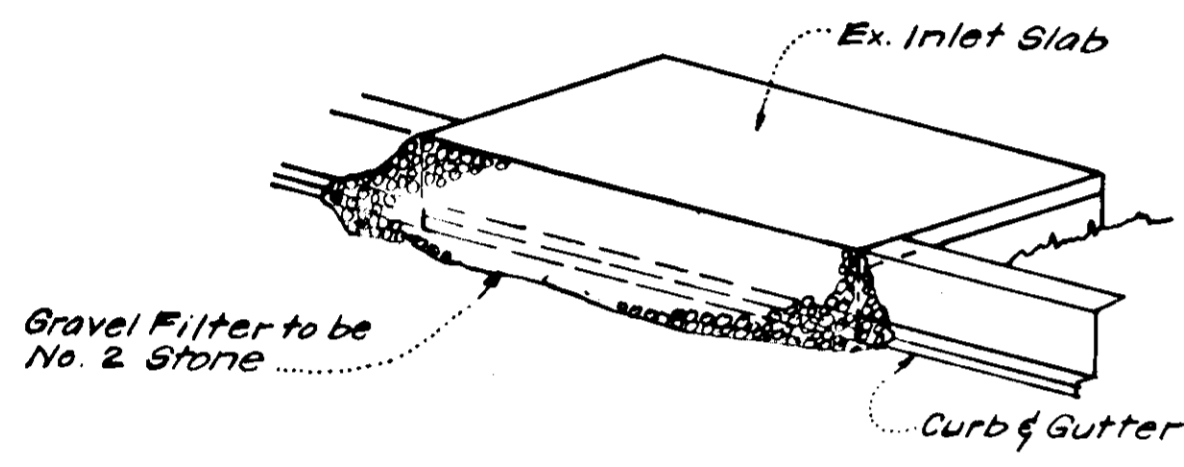
GENERAL NOTES

- 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 #5 for stabilization except that the seed mixture will be applied at a rate of 1.4 lbs/1000 sq. ft.
- Notify the Bureau of Inspections and Permits 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 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 3 lbs/1000 sq. ft. mixture - 40% Kentucky Blue, 20% Chewings Fescue, 20% Kentucky 31, and 20% annual rye.
 - Fertilizer - 10-10-10 applied at the rate of 23 lbs/1000 sq. ft. Ground Agricultural Lime or Dolomitic Lime applied at the rate of 46 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 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.
- Protection of stabilized area from sediment runoff shall be provided by the use of an approved Sediment Control Device, i.e. straw bale, diversion dike, etc.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stabilized Construction Entrances shall be placed at all construction entrances.
- SITE ANALYSIS:**
 - Total Area = **2.895 Acres*** (Total Area of Lots only = 2.075 Acres*)
 - Area to be Roofed = **0.429 Acres**
 - Area to be Paved = **0.411 Acres**
 - Area to be Seeded = **1.479 Acres**
 - Area Undisturbed = **0.076 Acres**
 - * Includes Common Lots 222 & 225
- CONSTRUCTION SEQUENCE:**
 - Install Sediment & Erosion Control Devices and stabilize Diversion Dikes.
 - Excavate for Foundations and Rough Grade.
 - Erect Structures, Drive ways and Side walks.
 - Final grade and stabilize in accordance with Note #5.
- If Houses are to be constructed on an "As Sold" basis of an "As Sold" Single Lot Sediment Control, as shown on this sheet, shall be implemented.
- It will be the Developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- Total Amount of Straw Bales or Silt Fence shown = **125 L.F.**

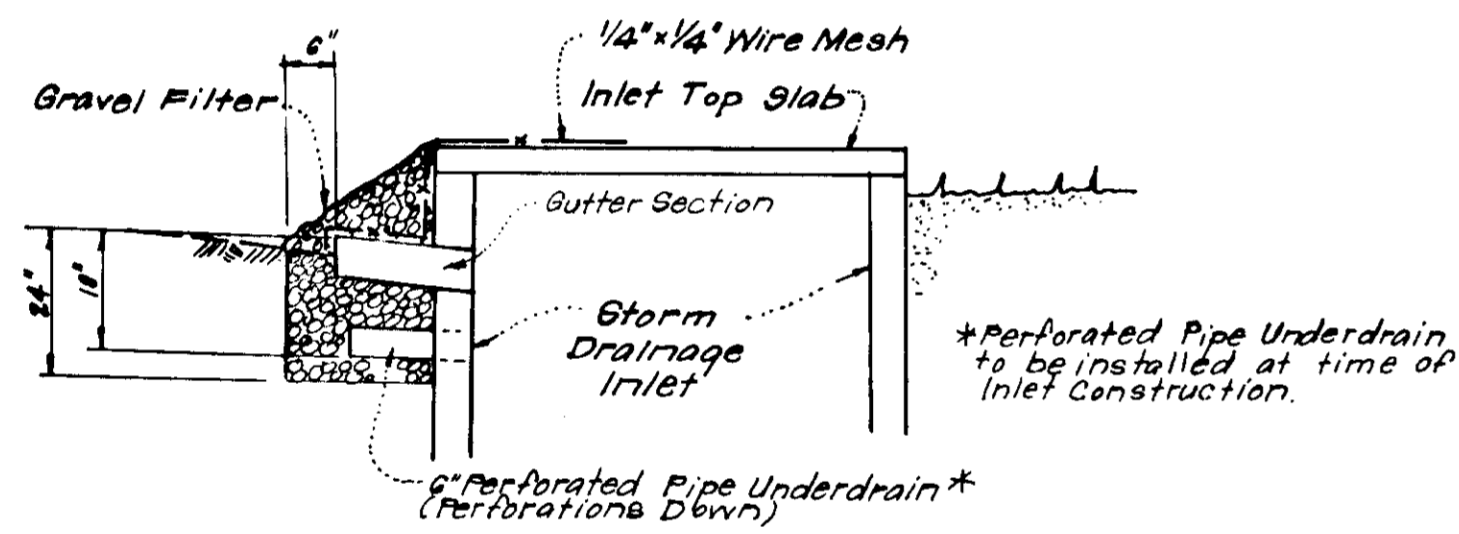


NOTES:
 1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
 2. Filter Cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

SILT FENCE DETAIL (S.F.)
 No Scale



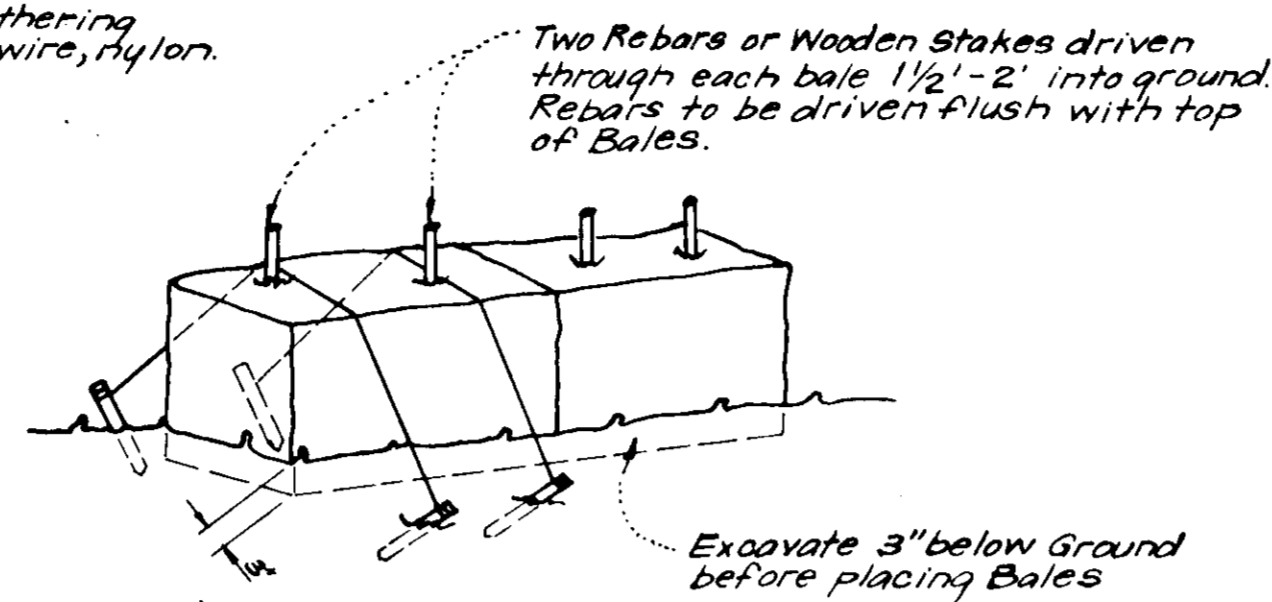
ISOMETRIC VIEW



SECTION VIEW

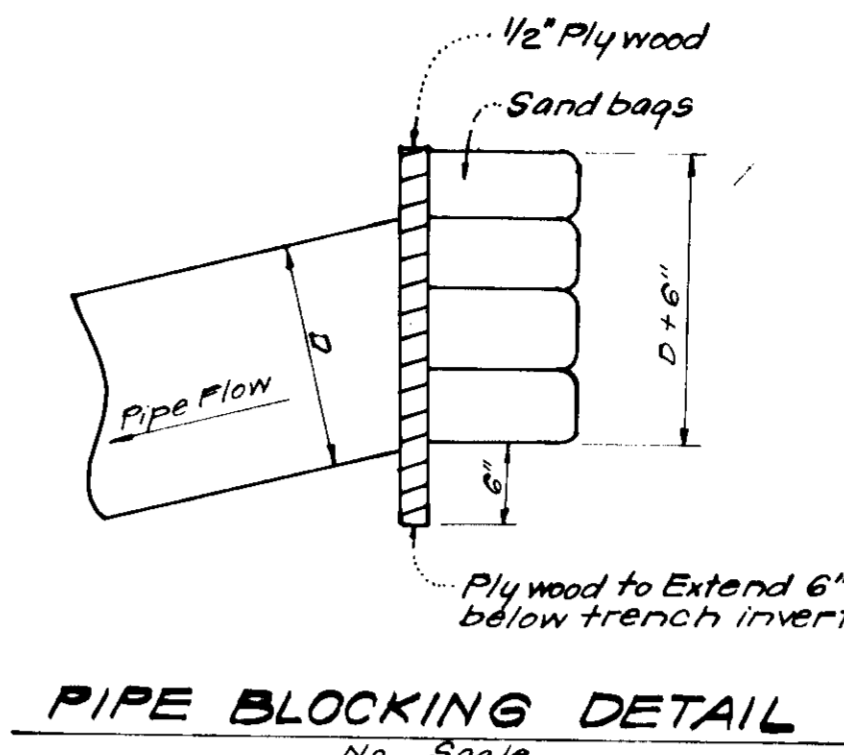
STONE FILTER INLET PROTECTION DETAIL (S.F.I.P.)
 No Scale

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

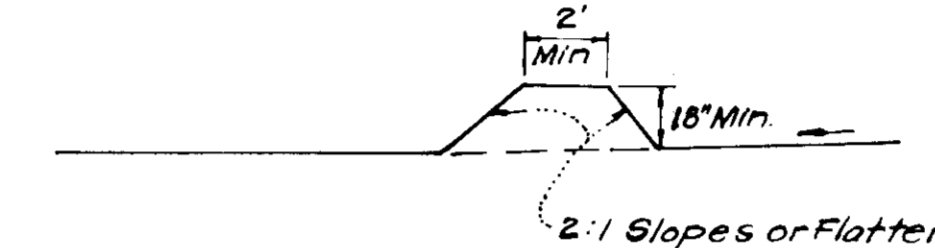


NOTE:
 1. In lieu of the use of rebar each Straw Bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

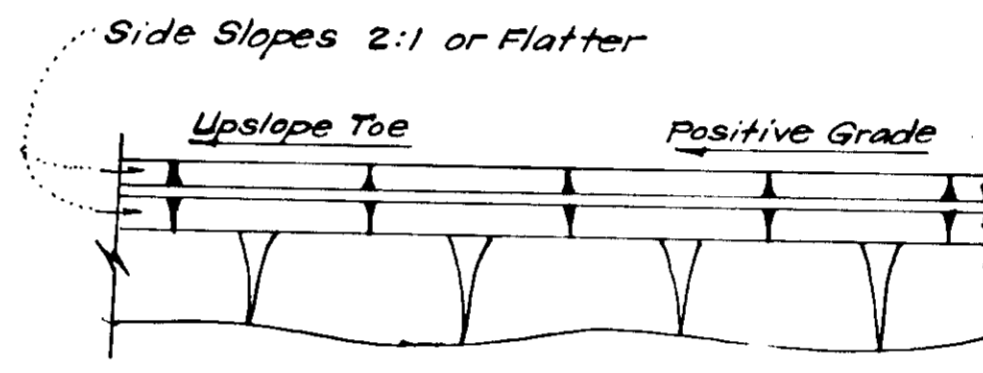
TYPICAL STRAW BALE DETAIL (S.B.D.)
 No Scale



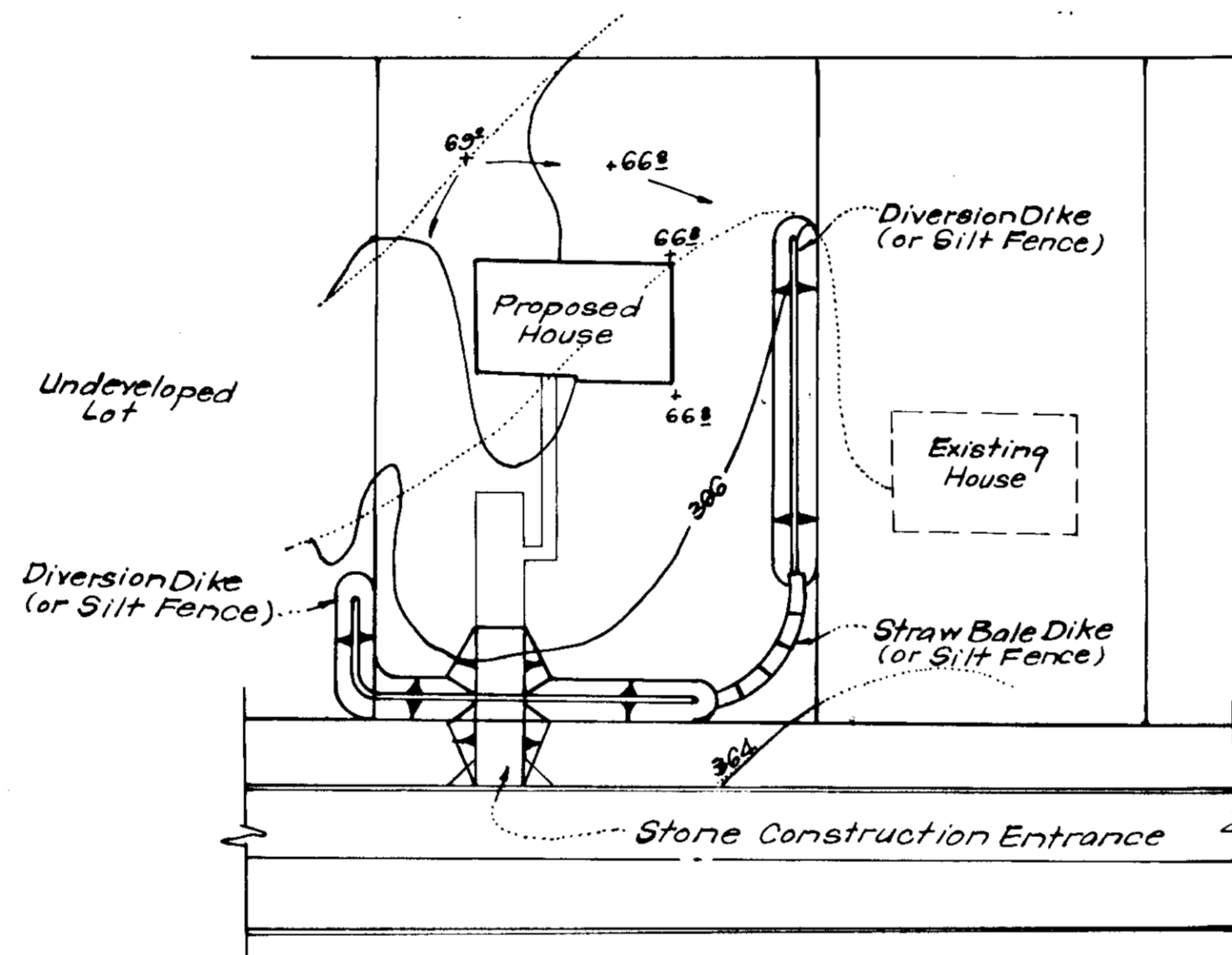
PIPE BLOCKING DETAIL
 No Scale



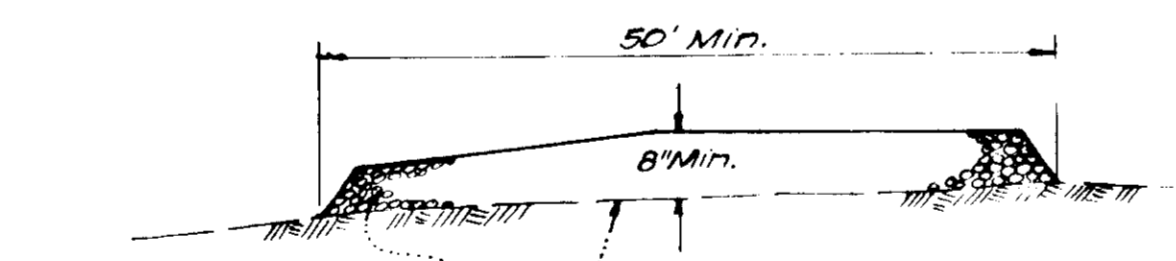
CROSS SECTION



PLAN VIEW
DIVERSION DIKE (D.D.)
 No Scale



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
 No Scale



NOTE: See Plan view for Limits

SECTION VIEW
STABILIZED CONSTRUCTION ENTRANCE
 No Scale

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 10-27-78
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 10-30-78
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 10-24-78
 10-23-78

Reviewed for... Howard... S.C.D.
 Name
 and meets Technical Requirements
 Signature
 Date
 U.S. Soil Conservation Service

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

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 are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

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.



Approved 10-9-78
 Date

Signature 8-17-78
 Date
 B. James Greenfield

Signature 8-17-78
 Date
 G. Nelson Clark

See Plat Nos 4113 & 4114

CLARK • FINEROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LICKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400

| | | |
|--------------------|---|--------------------|
| DESIGNED U.L.S. | SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS 292, 358 THRU 368 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 1 AREA 1 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: Columbia Builders, Inc. 606 American City Bldg. Columbia, Maryland 21044 | SCALE As Shown |
| DRAWN K.I.W. | | DRAWING 30f3 |
| CHECKED U.L.S. | | JOB NO. 1 |
| DATE Aug., 1978 | | FILE NO. 1306SE |
| | | SDP-79-26c |

APPROVED
 DEPARTMENT OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 9-20-78