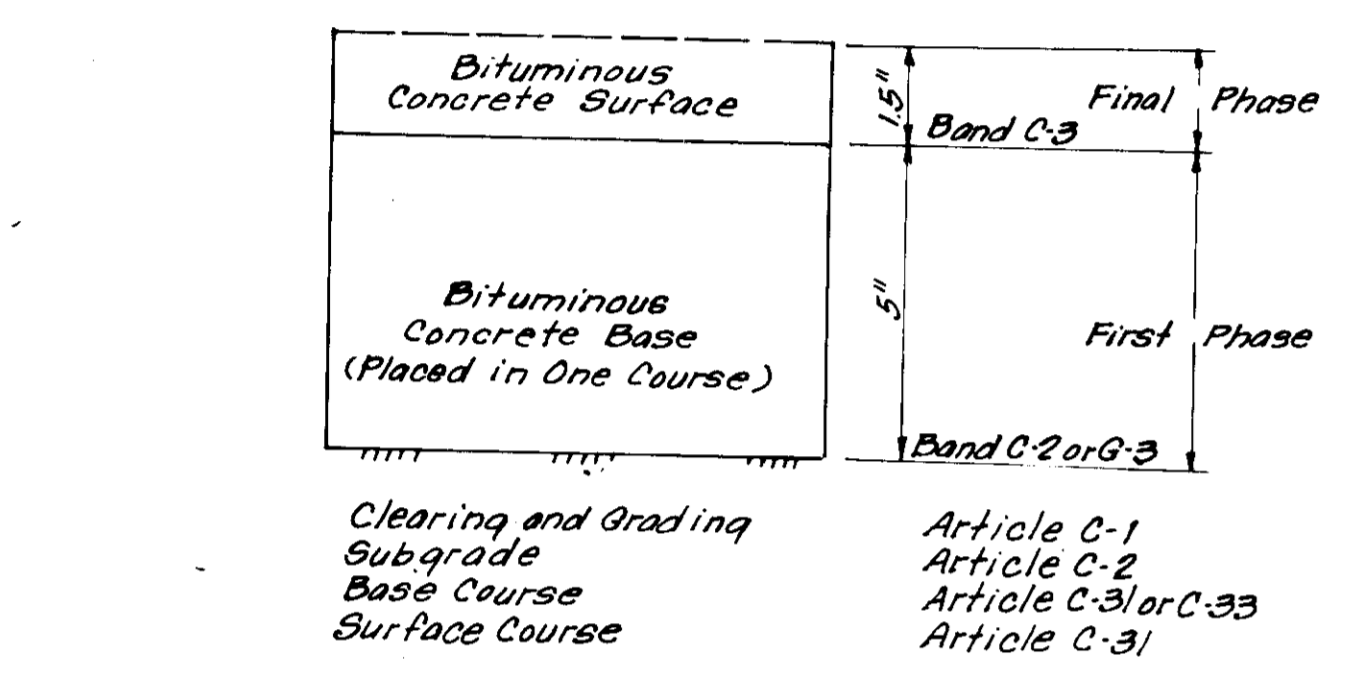
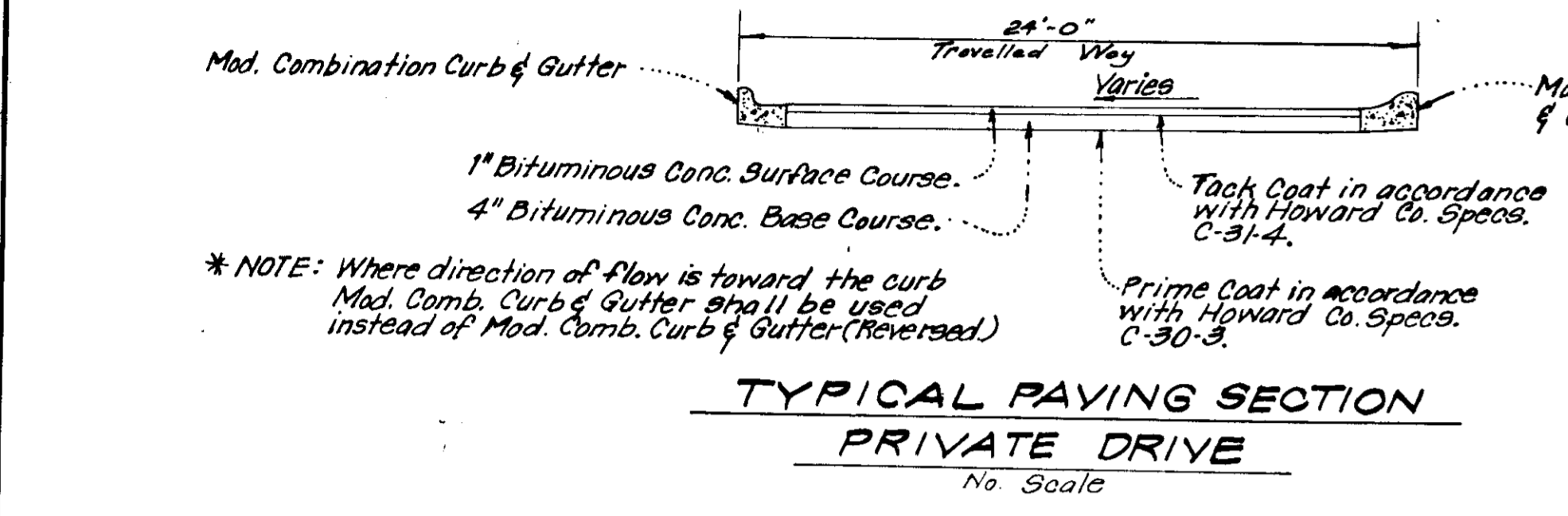
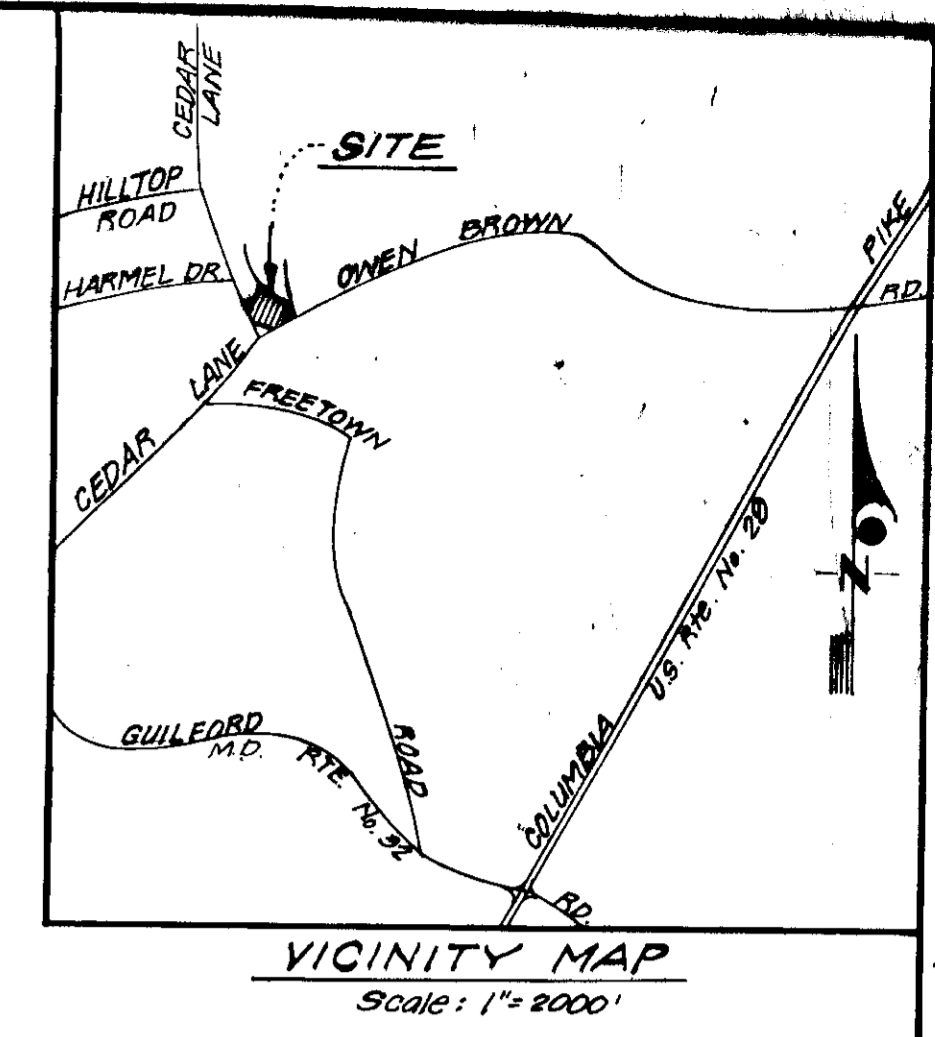


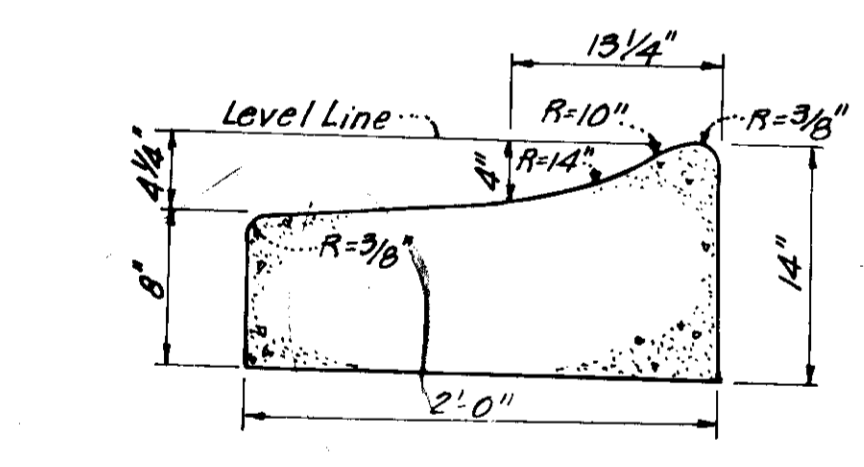
KEY	NAME	SIZE	REMARKS
⊕	Quercus palustris	14'-16" Ht. 3'-3 1/2" Cal.	Balled & Burlapped
⊕	Quercus phellos	14'-16" Ht. 3'-3 1/2" Cal.	"
⊕	Pinus nigra	8'-10" Ht.	"
⊕	Pinus nigra	6'-8" Ht.	"
⊕	Pinus strobus	8'-10" Ht.	"
⊕	Pinus strobus	6'-8" Ht.	"
⊕	Crotaegus oxyantha superba	8'-10" Ht. 2 1/2" - 3" Cal.	"

LEGEND	
1. Contour Interval	2 Ft.
2. Existing Contour	---
3. Proposed Contour	---
4. Spot Elevation	+96.5
5. Direction of Drainage	→

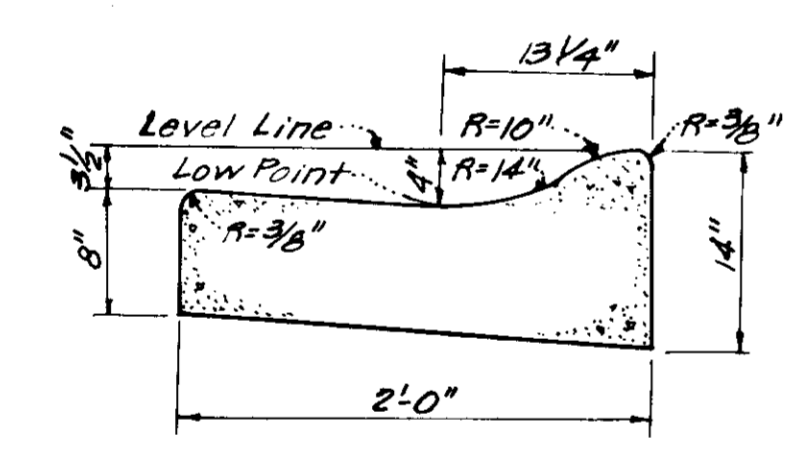


To be constructed in accordance with the Howard County Road Construction Code and Specifications.

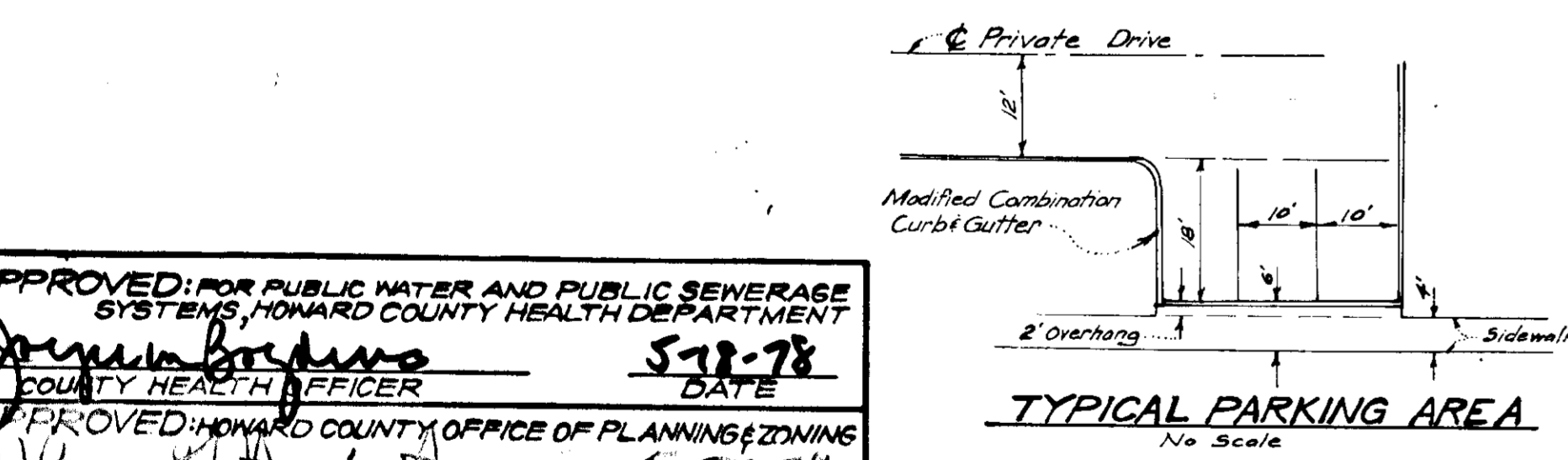
PAVEMENT REPLACEMENT FOR ENTRANCES INTO PUBLIC ROADS
No Scale



MODIFIED COMBINATION CURB & GUTTER (REVERSED)
No Scale



MODIFIED COMBINATION CURB & GUTTER
No Scale
Howard Co. Std. Drawing #D-40, Pg. 25.



TYPICAL PARKING AREA
No Scale

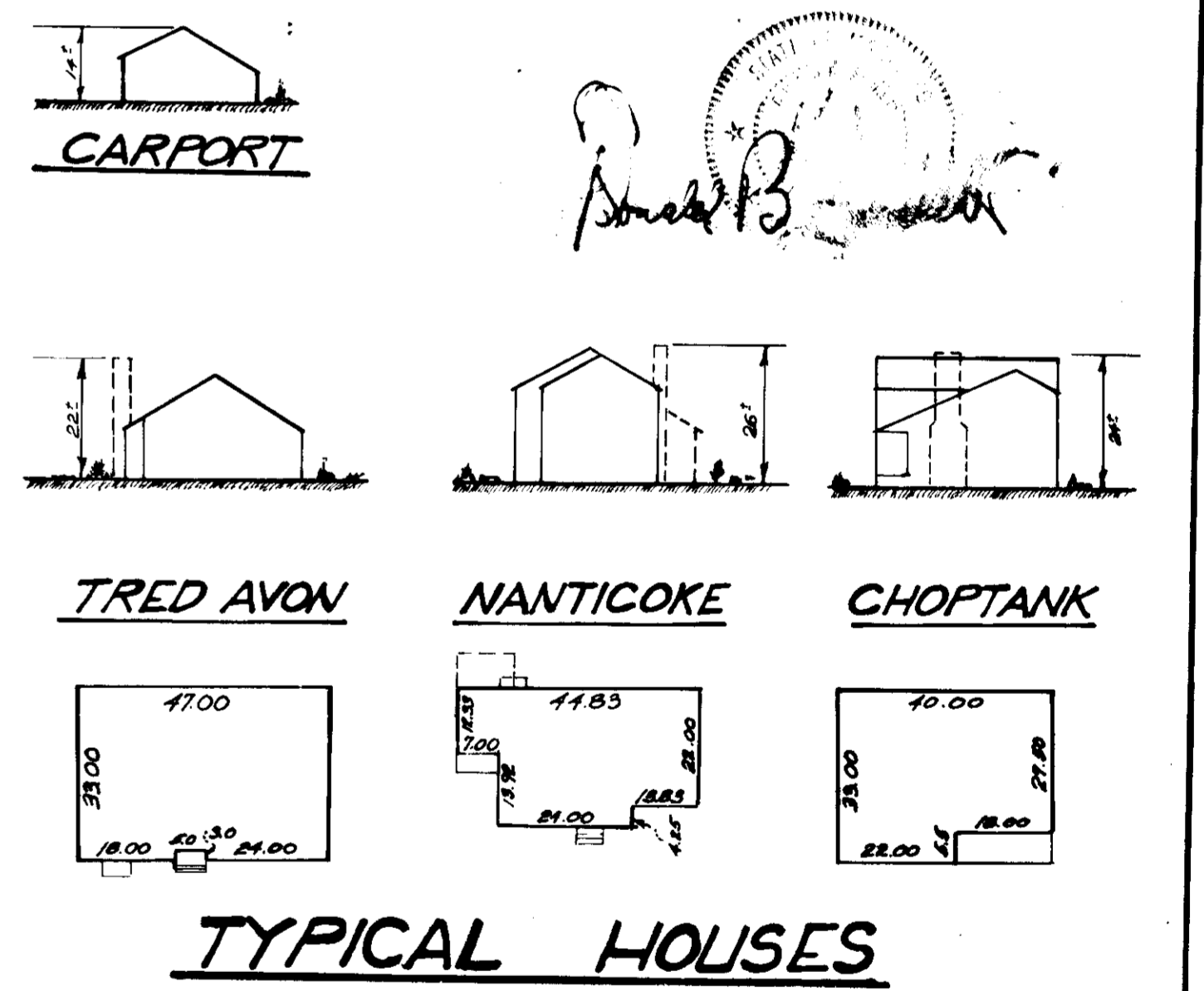
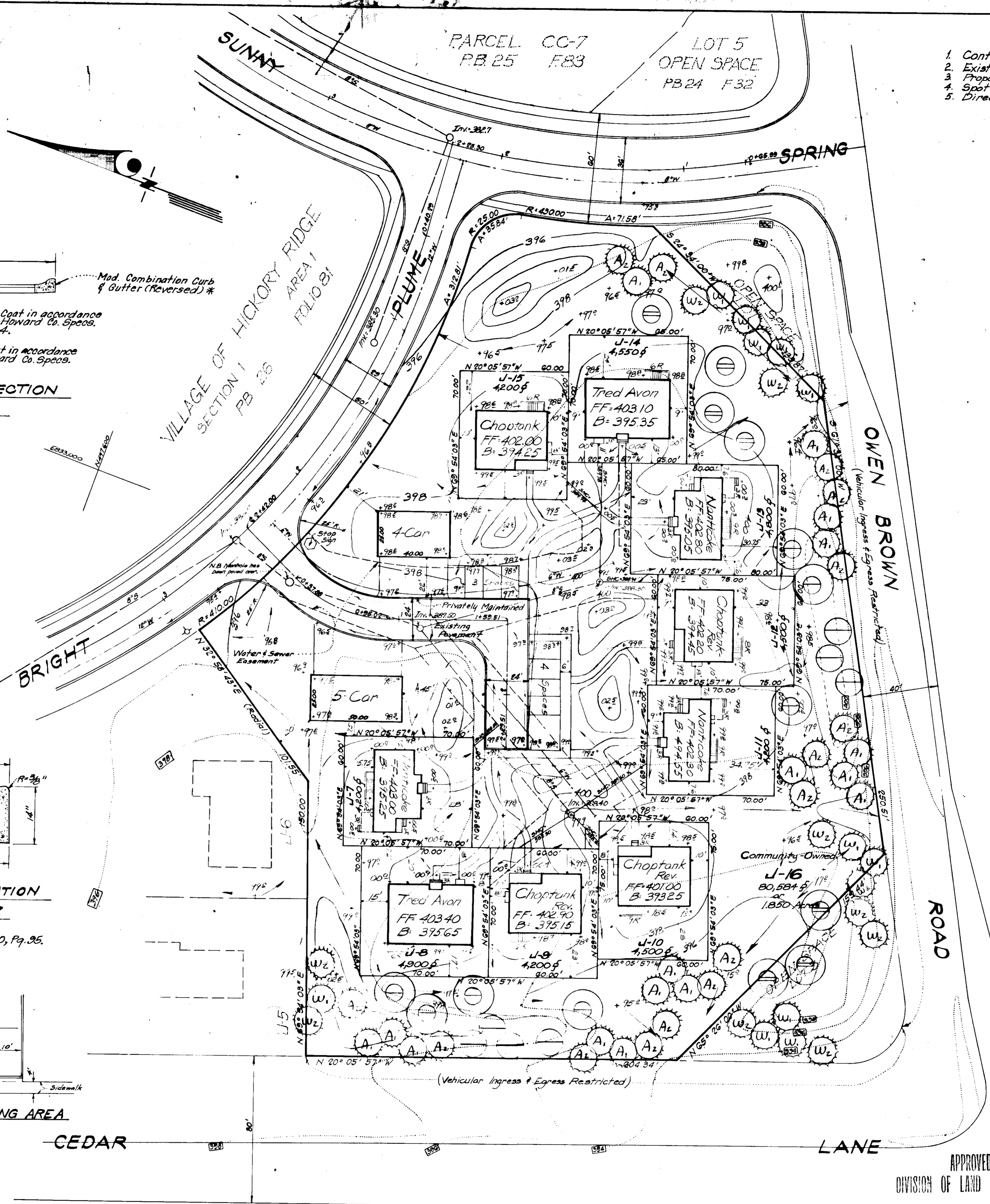
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
DATE: 5-22-78

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR: DATE: 5-22-78

CHIEF DIVISION OF LAND DEVELOPMENT
DATE: 5-22-78

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: DATE: 5/15/78

CHIEF BUREAU OF ENGINEERING
DATE: 5-5-78



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

DESIGNED: DR.H. DATE: 5-22-78
DRAWN: DR.H.
CHECKED: DR.H.
DATE: 5-22-78
DATE: 5-22-78

SITE DEVELOPMENT PLAN
LOTS J-7 THRU J-16
COLUMBIA
THE VILLAGE OF HICKORY RIDGE
SECTION 1
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

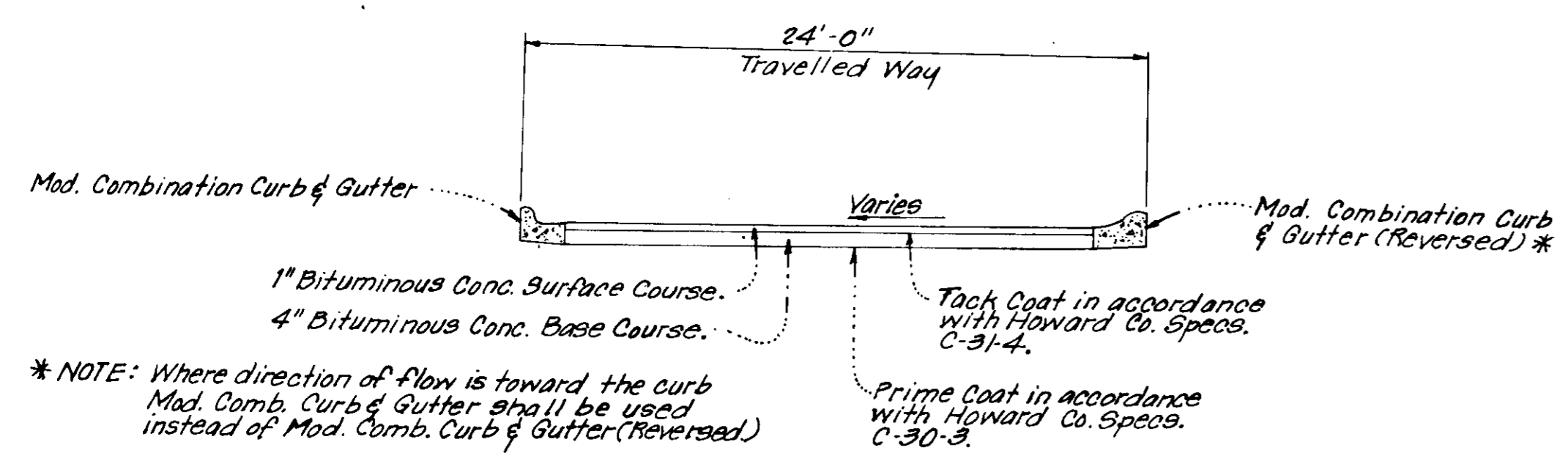
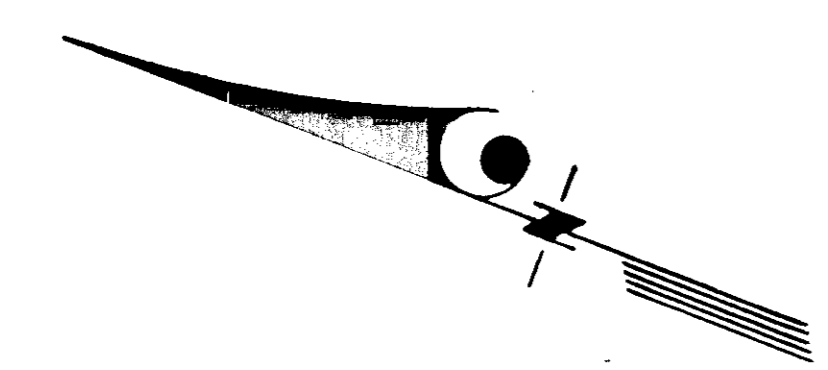
SCALE: 1" = 30'
DRAWING: 1 of 3
JOB NO.:
FILE NO.: 1316-X

For: The Stefanowicz Corporation
10854 York Road
Cockeysville, Maryland 21030

DATE: Dec. 1977

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE: 2-6-78

SDP 78-72C HC 101 1276-5M 1085-P



* NOTE: Where direction of flow is toward the curb Mod. Comb. Curb & Gutter shall be used instead of Mod. Comb. Curb & Gutter (Reversed).

TYPICAL PAVING SECTION
PRIVATE DRIVE
No Scale

Reviewed for HOWARD S.C.D.
and meets Technical Requirements
R. Wayne Ray 3/3/78
U.S. Soil Conservation Service

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

(See GP 7B-66.)

W.E. ERP
Approved
3-3-78
Date

DEVELOPER'S CERTIFICATE
I certify that all development and/or construction
to be done according to this plan of development
is in accordance with the requirements of the
Howard Soil Conservation District and I will
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 Conserva-
tion District.

Walter C. Atkinson, V.P.
Signature
12/30/77
Date

G. Nelson Clark
Signature
12-27-77
Date



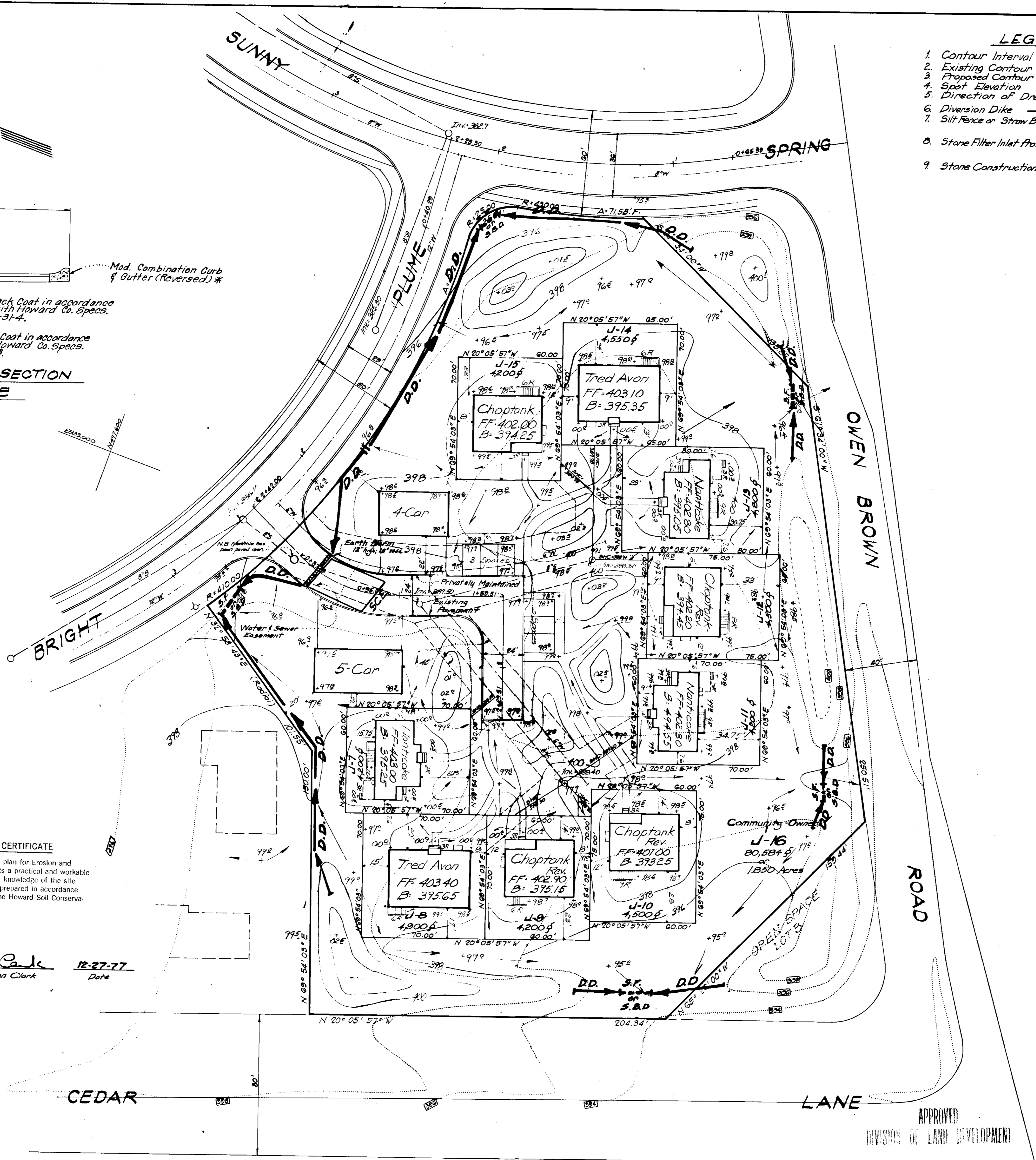
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
James W. Braden
COUNTY HEALTH OFFICER
5-18-78
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
James W. Braden
PLANNING DIRECTOR
5-22-78
DATE

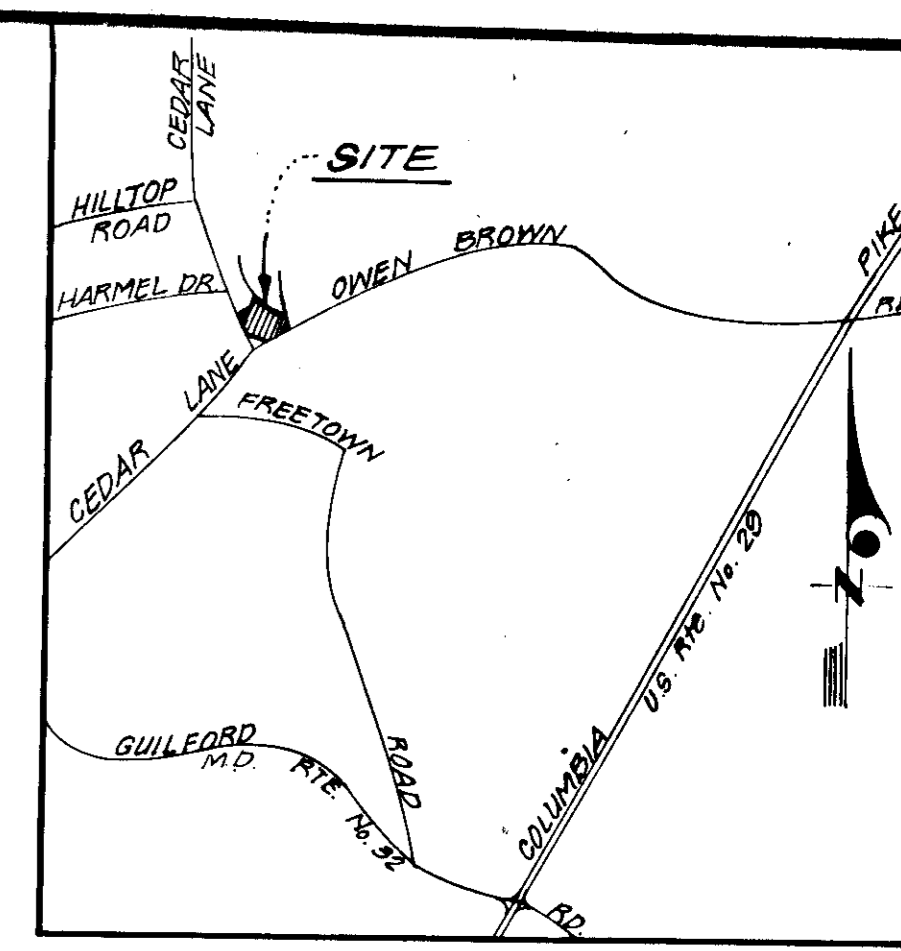
CHIEF DIVISION OF LAND DEVELOPMENT
James W. Braden
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Richard E. Brudenbaker
DIRECTOR
5/15/78
DATE

W. E. ERP
CHIEF BUREAU OF ENGINEERING
5-15-78
DATE



- LEGEND**
- Contour Interval 2 Ft.
 - Existing Contour -BZE-
 - Proposed Contour -PZE-
 - Spot Elevation +96.5
 - Direction of Drainage →
 - Division Dike D.D.
 - Silt Fence or Straw Bale Dike S.F.D.
 - Stone Filter Inlet Protection S.F.I.P.
 - Stone Construction Entrance S.C.E.



- GENERAL NOTES**
- The land included in this plan is zoned New Town (S.F.M.D.)
 - The Lots shown on this plan are covered by Final Development Plan Phase 100-A recorded in Plat Book 20 Folios 149 to 157.
 - All coordinates are based on Maryland State Grid System. Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum 1929.
 - The Area covered in this submission is located on Tax Map No. 35
 - The total area included in this plan is 2.769 Acres.
 - Installation of all Traffic Control Devices shall be in accordance with the latest Edition of the Manual of Uniform Traffic Control Devices.
 - All public facilities shown are existing, i.e. roads, storm drain lines, water and sewer lines and easements. Sidewalk shown on Bright Plume & Sunny Spring was taken from the approved construction plans.
 - Recording Reference: Lot J-16 was recorded in Plat # 3556.
 - For Drainage Area Map, See previously approved Preliminary Storm Drainage Study on Lots J-1 thru J-16.

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

DESIGNED: DR.H.
DRAWN: DR.H.
CHECKED: R.J.S.
DATE: Dec. 1977

SEDIMENT & EROSION CONTROL PLAN
LOTS J-7 THRU J-16
COLUMBIA
THE VILLAGE OF HICKORY RIDGE
SECTION 1
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

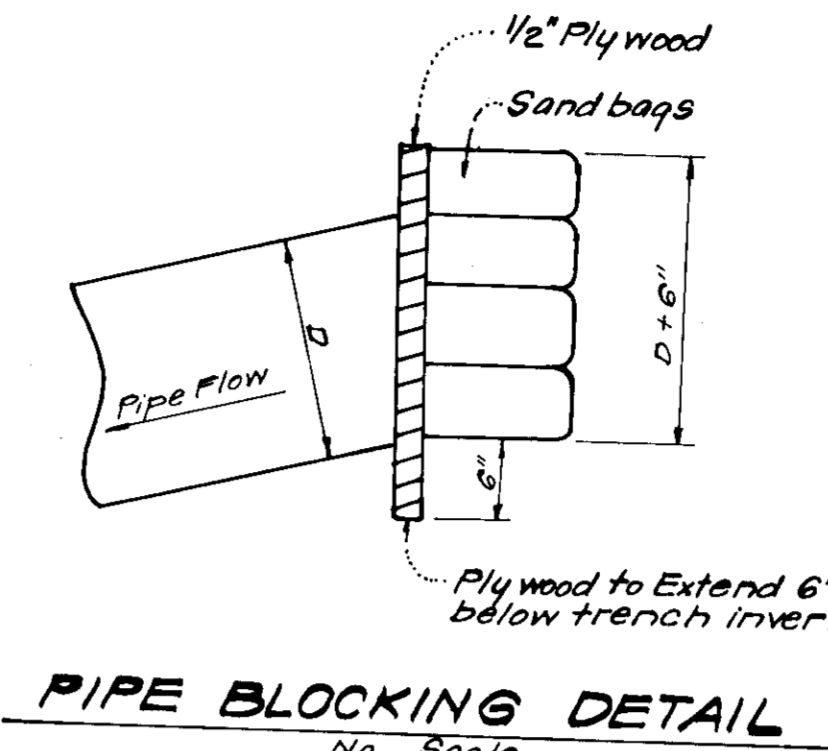
SCALE: 1"=30'
DRAWING: 2a²3
JOB NO.:
FILE NO.: 12.76-5E

For: The Stefanowicz Corporation
10854 York Road
Cockeysville, Maryland 21030

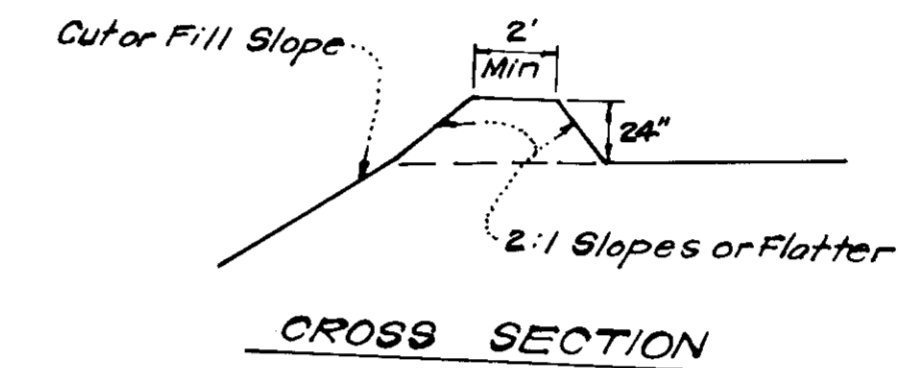
SDP-78-72. HC 191 1316-X

GENERAL NOTES

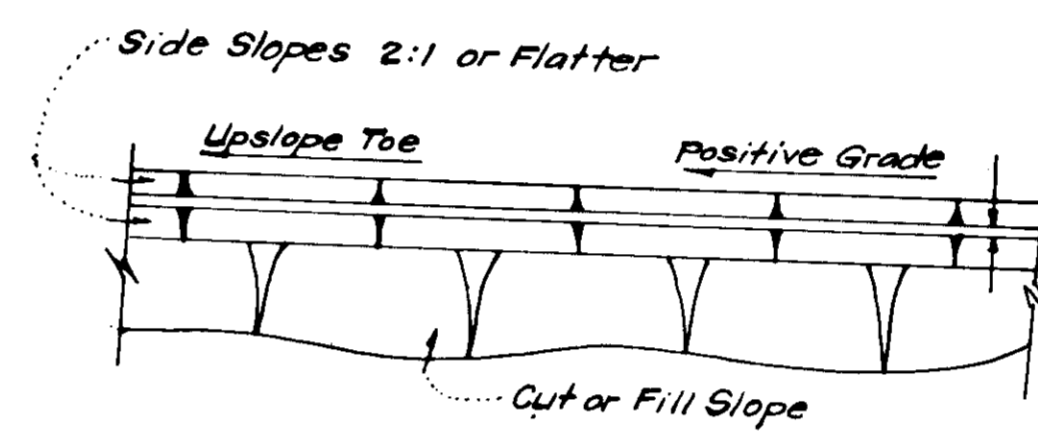
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See Note #5 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 sq. ft. starting any work.
- 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% chewing 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 constructed at all construction entrances.
- SITE ANALYSIS:**
 - Total Area = 2.769 Acres
 - Area to be Roofed = 0.316 Acres
 - Area to be Paved = 0.211 Acres
 - Area to be Seeded = 0.673 Acres
 - Area Undisturbed = 1.569 Acres
- CONSTRUCTION SEQUENCE:**
 - Install Sediment & Erosion Control Devices and stabilize Diversion Dikes.
 - Excavate for Foundations and Rough Grade.
 - Erect Structures, Driveways and Sidewalks.
 - Final Grade and stabilize in accordance with Note #5.
- 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.
- 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 = 130 L.F.



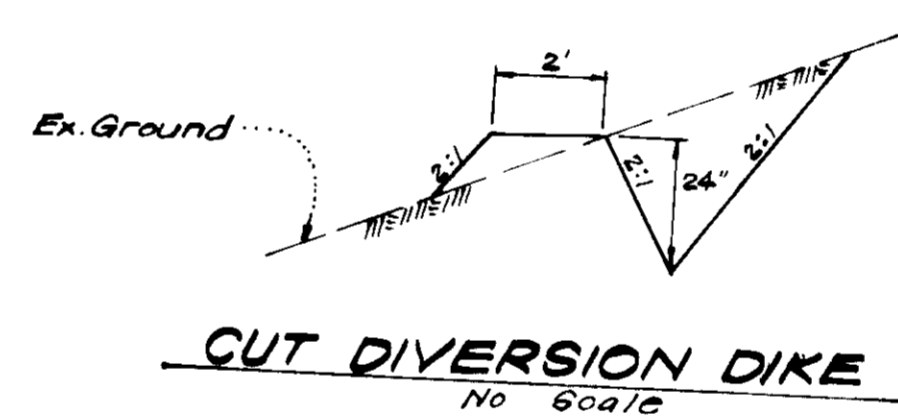
PIPE BLOCKING DETAIL
No Scale



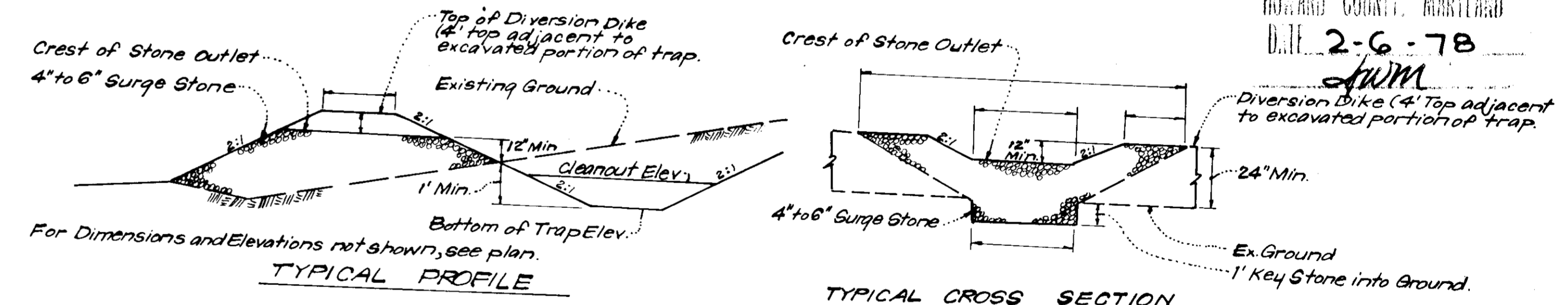
CROSS SECTION



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

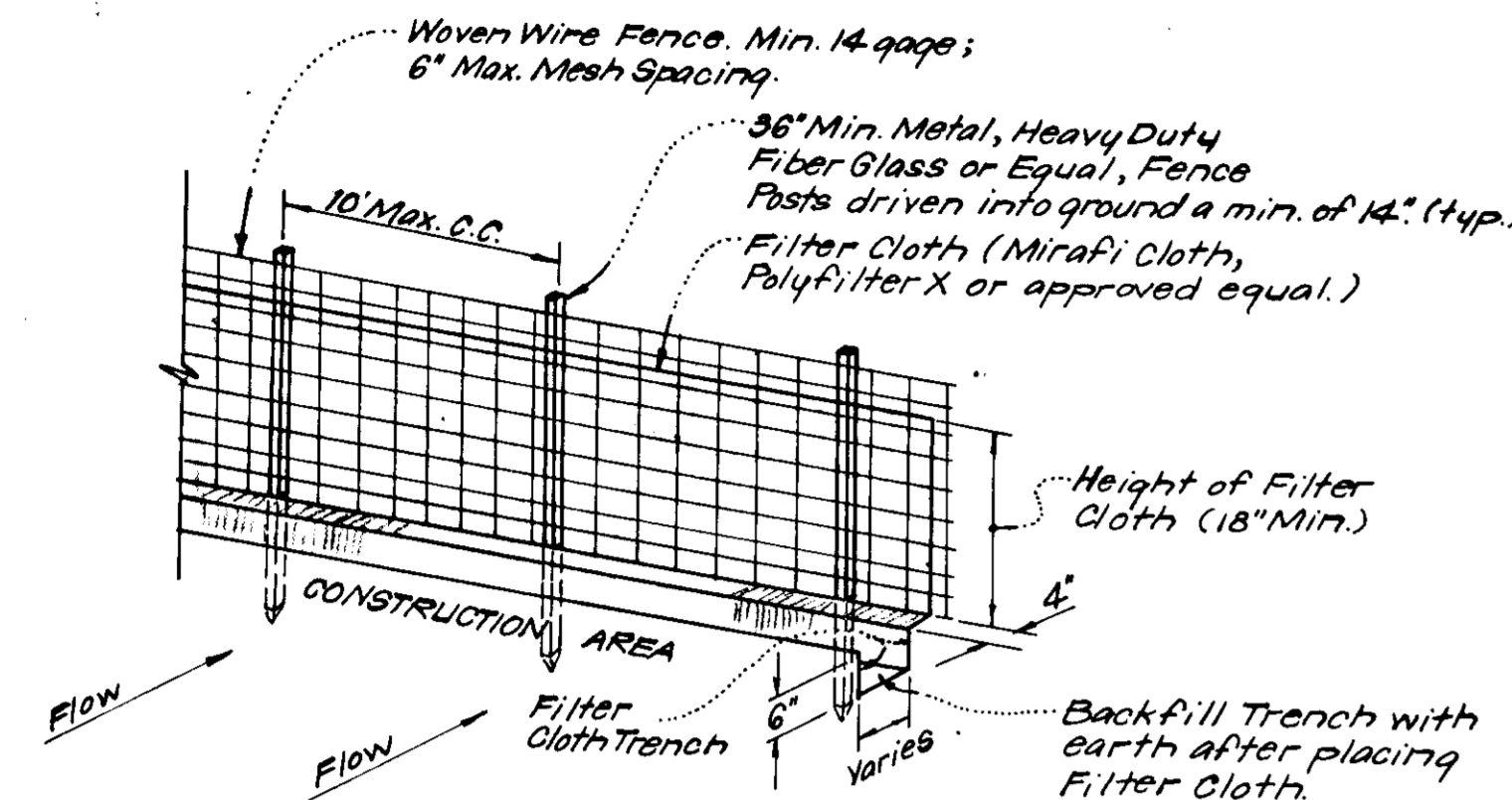


CUT DIVERSION DIKE
No Scale

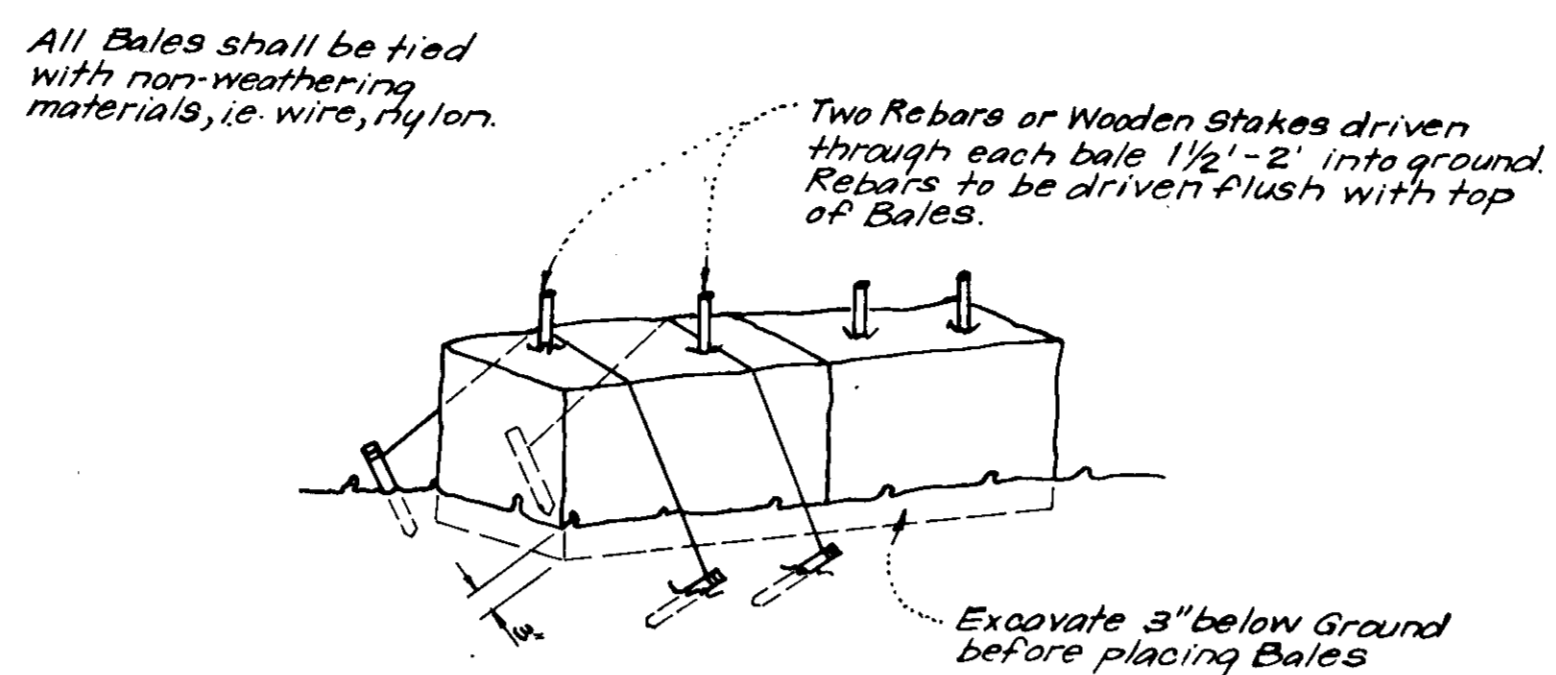


DETAILS OF STONE FILTER OUTLET (FOR STONE OUTLET SEDIMENT TRAP)
No Scale

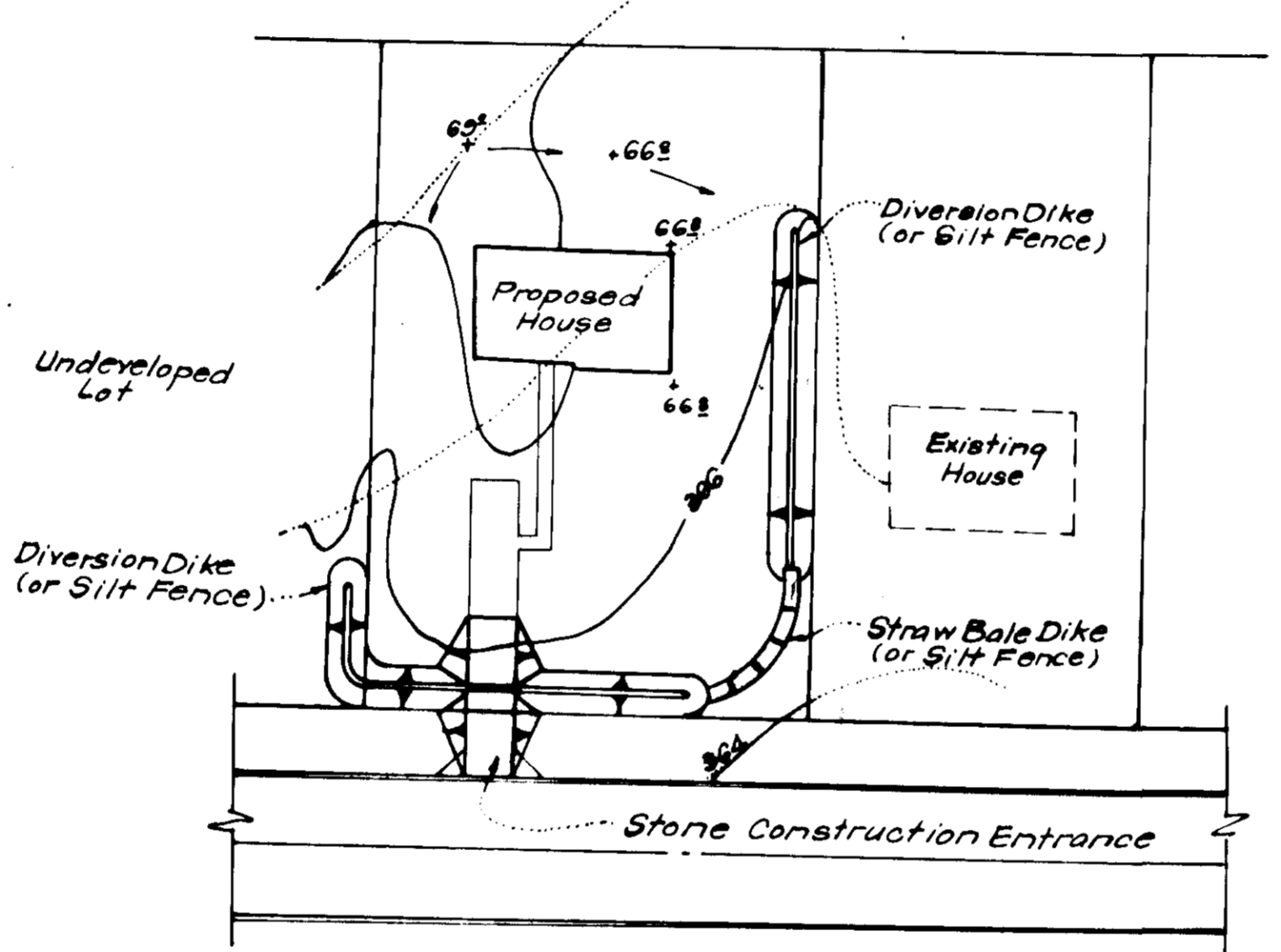
- STONE FILTER OUTLET NOTES:**
- Sediment Trap to be cleaned out when sediment reaches a level of 4\"/>
 - Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
 - Stone Outlet to be constructed through diversion dike adjacent to excavated portion of sediment trap.



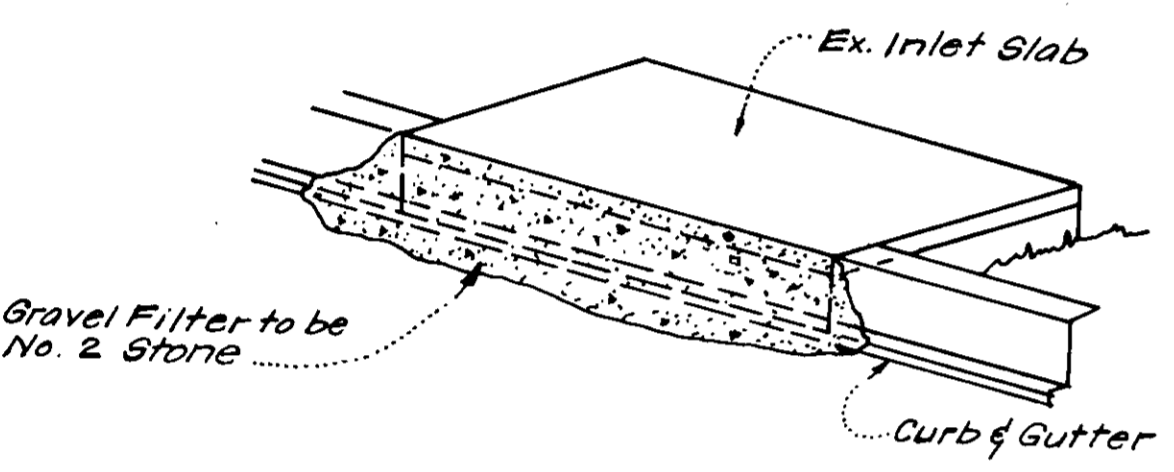
SILT FENCE DETAIL (S.F.)
No Scale



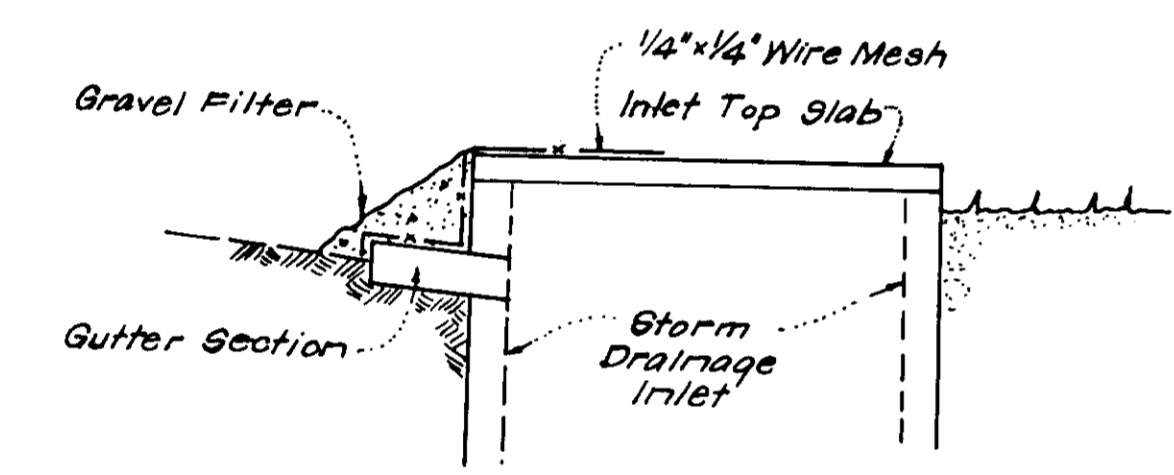
TYPICAL STRAW BALE DETAIL (S.B.D.)
No Scale



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale

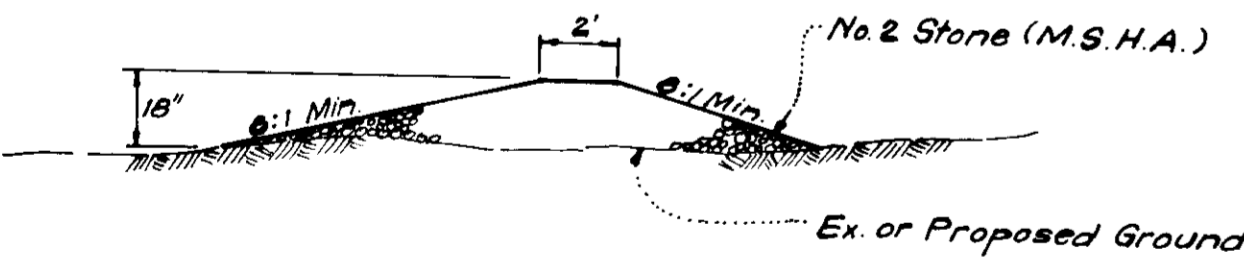


ISOMETRIC VIEW



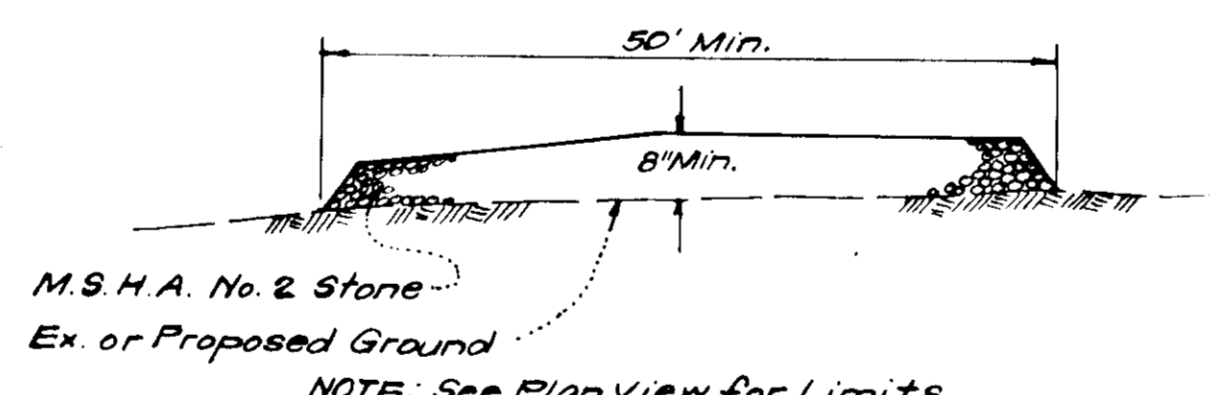
SECTION VIEW

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



SECTION VIEW

STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)
No Scale



SECTION VIEW

STABILIZED CONSTRUCTION ENTRANCE
No Scale

NOTE: See Plan View for Limits

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
John A. ... 5-19-78
DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR DATE
CHIEF DIVISION OF LAND DEVELOPMENT DATE 5-22-78
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Richard E. ... 5/15/78
DIRECTOR DATE
CHIEF BUREAU OF ENGINEERING DATE 5-15-78

Reviewed for... *Howard* S.C.D.
and meets Technical Requirements
Wayne Ray 3/3/78
DATE
U.S. Soil Conservation Service

DEVELOPER'S CERTIFICATE
I certify that all development and construction will be done according to the plan of record and plan for location and placement of all authorized structures, and that the plan as amended hereon, has been authorized by the Soil Conservation District. This plan shall not be made public, authorized by the Howard Soil Conservation District.

John P. ... V.P. 12/30/77
Signature Date

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 recent changes of the Howard County Engineering District.

G. Nelson Clark 12-27-77
Date



APPROVED: DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS DATE
APPROVED: HOWARD COUNTY OF PLANNING & ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400
DESIGNED *D.R.H.* SCALE *As Shown*
DRAWN *K.I.W.* DRAWING *3 of 3*
CHECKED *R.J.S.* JOB NO.
DATE *Dec. 1977* FILE NO. *1276-SE*
SEDIMENT & EROSION CONTROL PLAN
LOTS J-7 THRU J-16
COLUMBIA
THE VILLAGE OF HICKORY RIDGE
SECTION 1 AREA
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
For: *The Stefanowicz Corporation*
10854 York Road
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