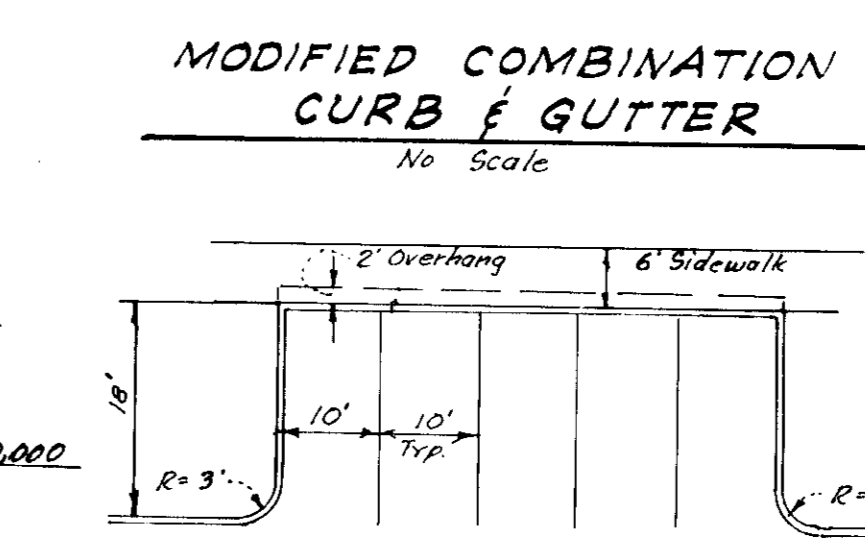
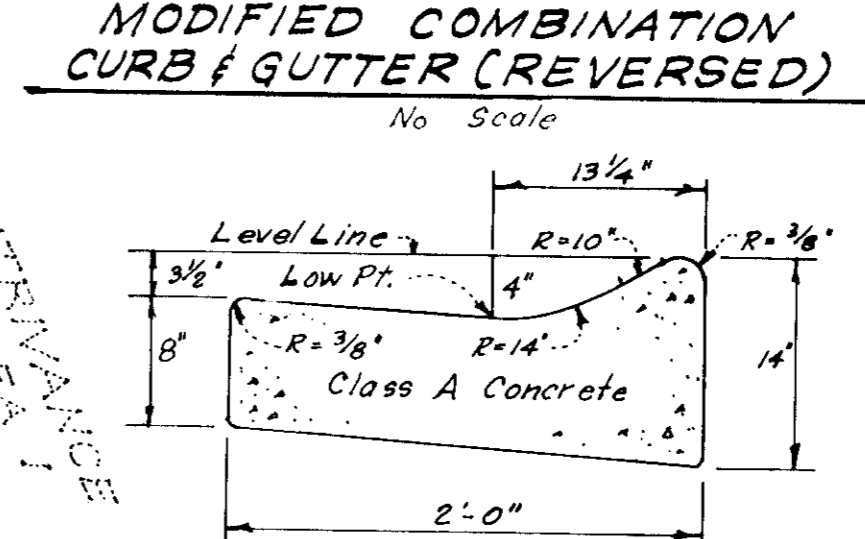
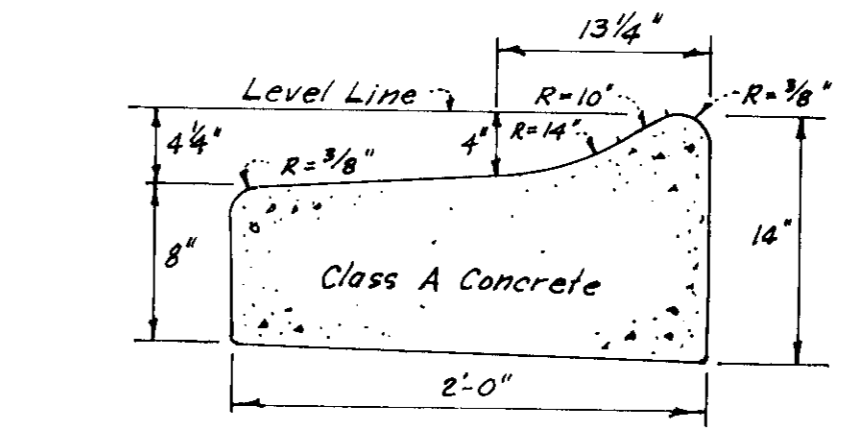
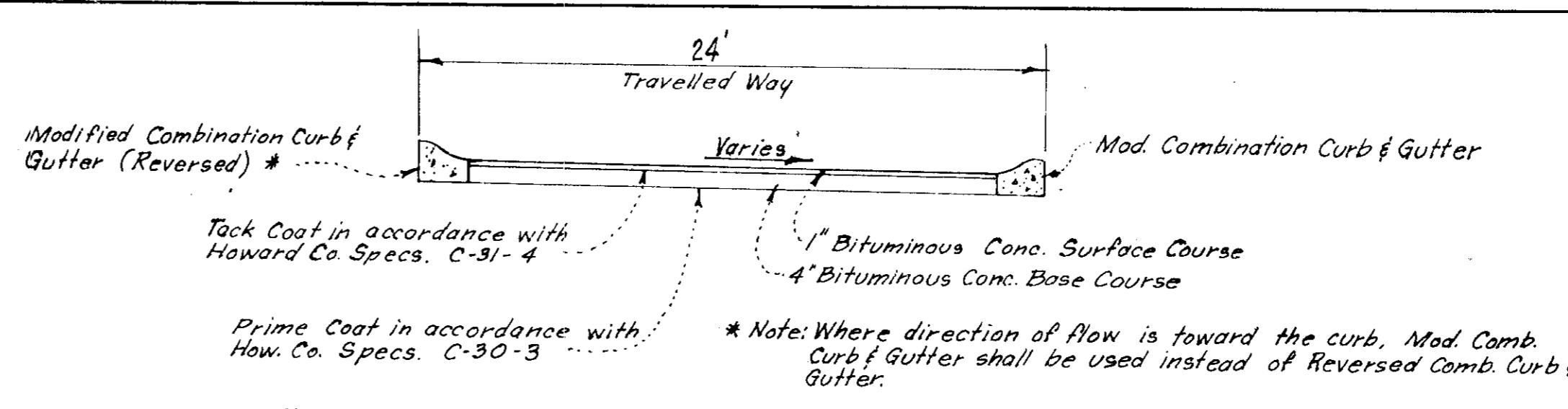
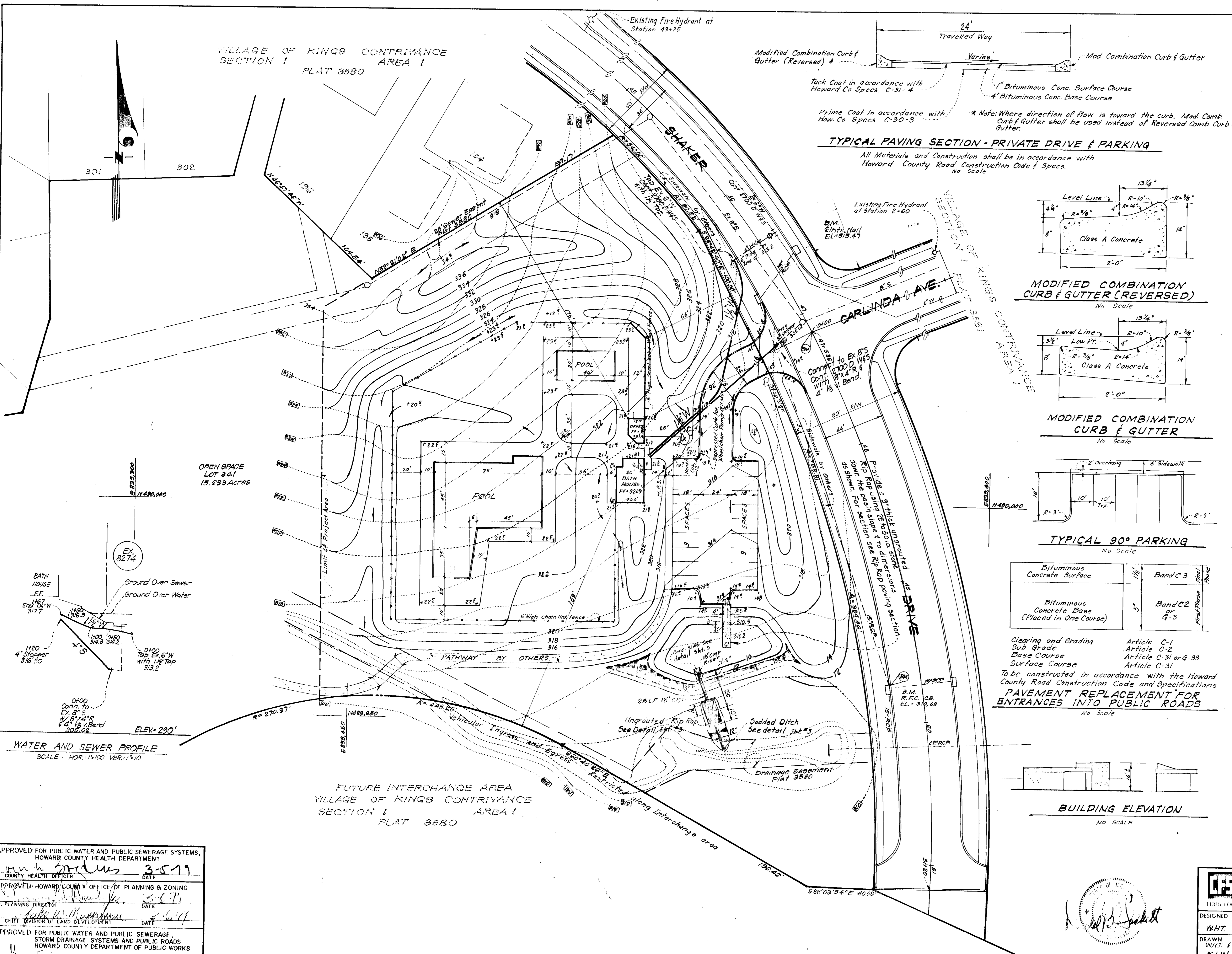
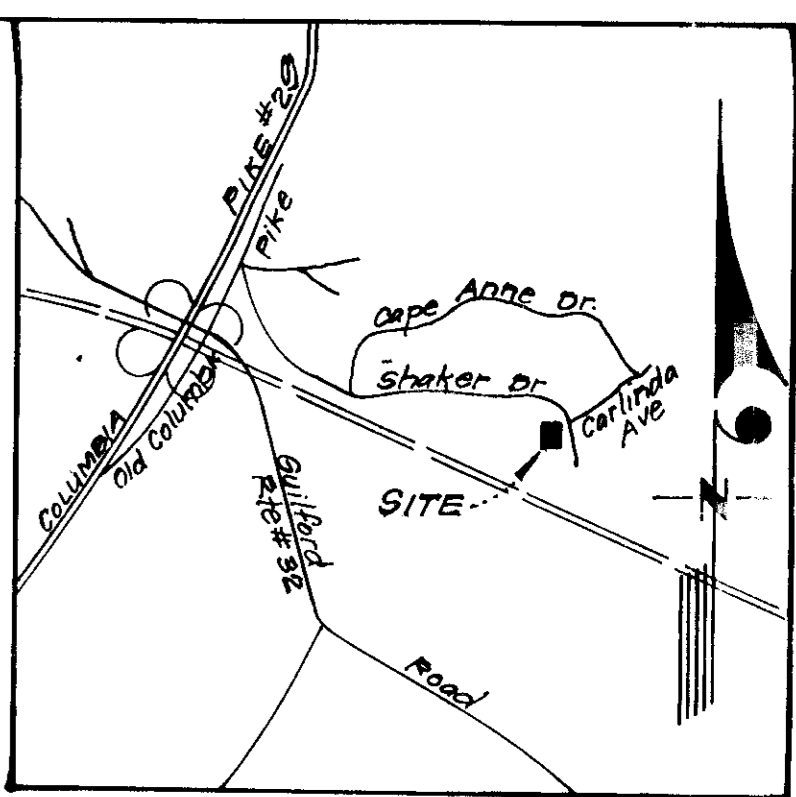
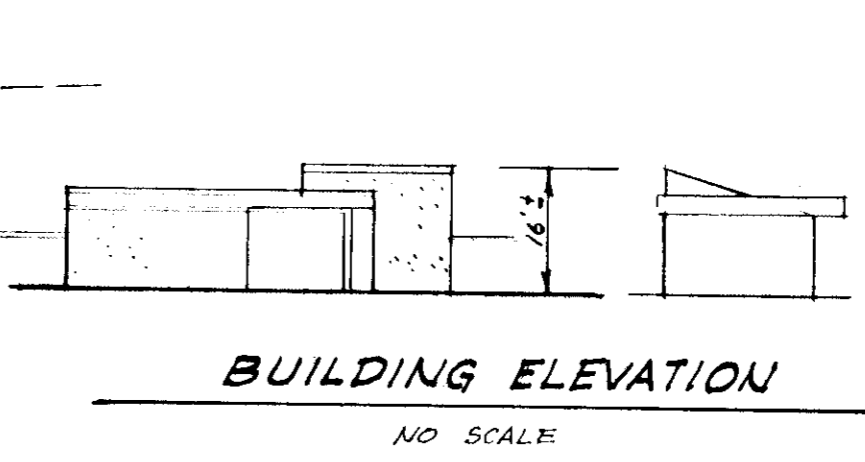


VILLAGE OF KINGS CONTRIVANCE
SECTION 1 AREA 1
PLAT 3580



Bituminous Concrete Surface	1 1/2"	Band C-3	Drift Phase
Bituminous Concrete Base (Placed in One Course)	5"	Band C-2 or G-3	

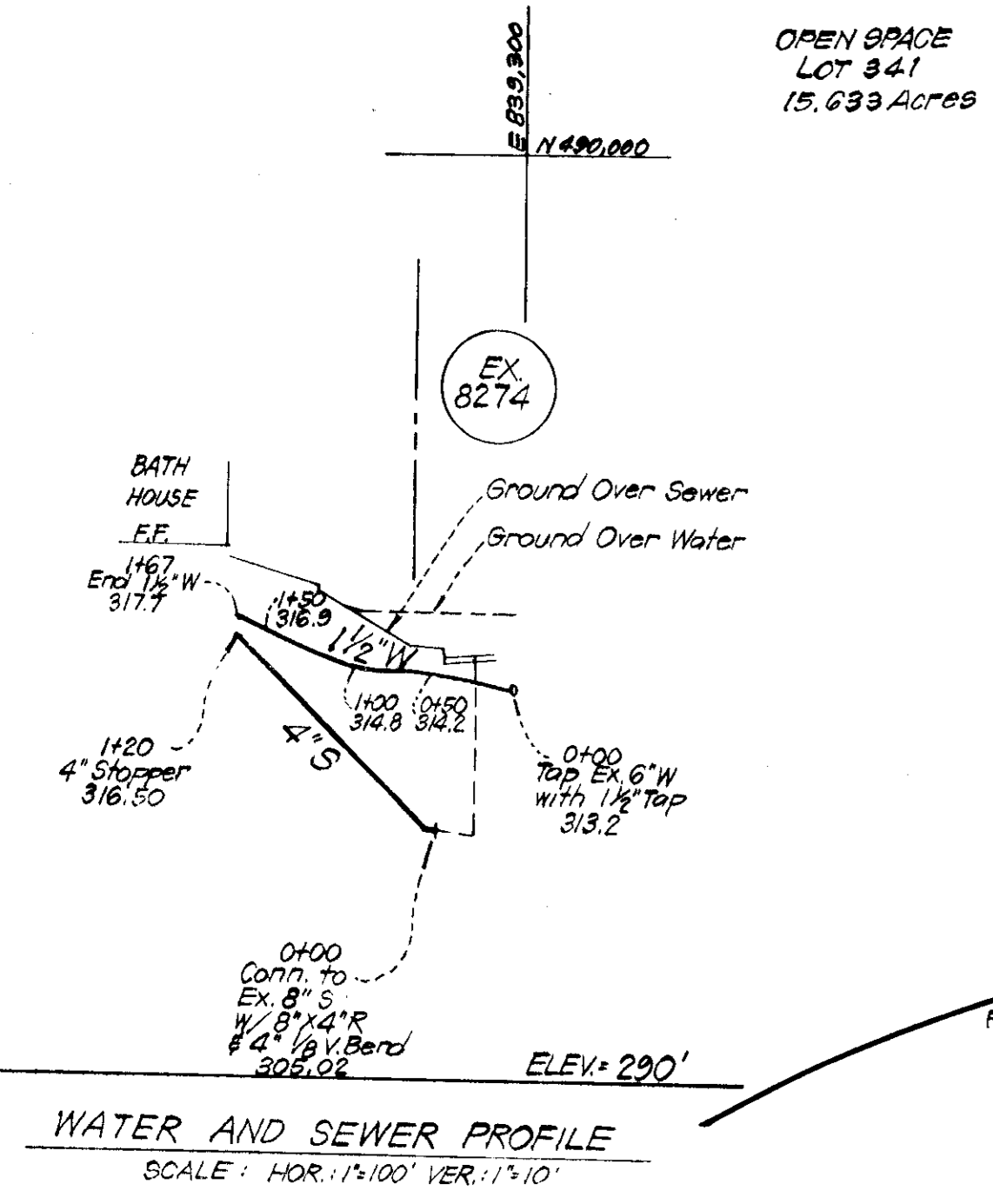
Clearing and Grading Article C-1
Sub Grade Article C-2
Base Course Article C-31 or G-33
Surface Course Article C-31
To be constructed in accordance with the Howard County Road Construction Code and Specifications
PAVEMENT REPLACEMENT FOR ENTRANCES INTO PUBLIC ROADS
No Scale



- LEGEND:**
- 1. Contour Interval 2 FT
 - 2. Existing Contour - - - - -
 - 3. Proposed Contour - - - - -
 - 4. Spot Elevation + 30
 - 5. Direction of Drainage - - - - -
 - 6. Existing Trees to be Retained (Symbol)
 - 7. Proposed Storm Drain (Symbol)
 - 8. Exist. Storm Drain (Symbol)
 - 9. Exist. Sewer Line (Symbol)
 - 10. Exist. Water Line (Symbol)
 - 11. Proposed Exterior Flood Lights (Symbol)
 - 12. Modified Comb. Curb & Gutter (Symbol)
 - 13. Reverse Modified Comb. Curb & Gutter (Symbol)

- SITE ANALYSIS:**
- Zoning: New Town (Open Space)
 - Area: 3.2 Acres (project area), Total Lot Area: 15.633 Acres
 - No. of Parking Spaces Required: Not Specific
 - No. of Parking Spaces Provided: 18
 - Maximum Building Coverage Permitted: 30%
 - Building Coverage Shown: (.008% = 1,090sq ft)
 - Topography and Boundary Compiled from Actual Field Survey.
 - Open Space Lot 341 is recorded in Plat 3580.
 - Open Space Lot 341 is located on Tax Map No. 42 Parcel 422. Public Water and Sewer to be Utilized.
 - All Building Setback Restrictions to be complied with those set forth in Final Development Plan Phase 149. Recorded in Plat Book 28, Folios 70-79.
 - All Roadways and Parking to be Privately owned and maintained.
 - Installation of All Traffic Control Devices shall be in accordance with the 1971 Edition of The Manual of Uniform Traffic Control Devices.

- GENERAL NOTES:**
- All materials and construction to be in accordance with the Howard County Road Construction Code and Specifications.
 - Water and Sewer House Connections shall be installed in accordance with Contract # as approved by the How. Co. Bureau of Engineering.
 - Any damage to county owned rights of way to be corrected at the developer's expense.
 - Handicap Parking Space shall be signed in accordance with Maryland State Building Code for the Handicapped and Aged. See this sheet for location marked H.P.S.



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: *[Signature]* DATE: 3-5-79

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR: *[Signature]* DATE: 3-6-79

CHIEF DIVISION OF LAND DEVELOPMENT
DATE: 3-2-79

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: *[Signature]* DATE: 3-1-79

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: *[Signature]* DATE: 3-5-79

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR: *[Signature]* DATE: 3-6-79

CHIEF DIVISION OF LAND DEVELOPMENT
DATE: 3-2-79

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: *[Signature]* DATE: 3-1-79

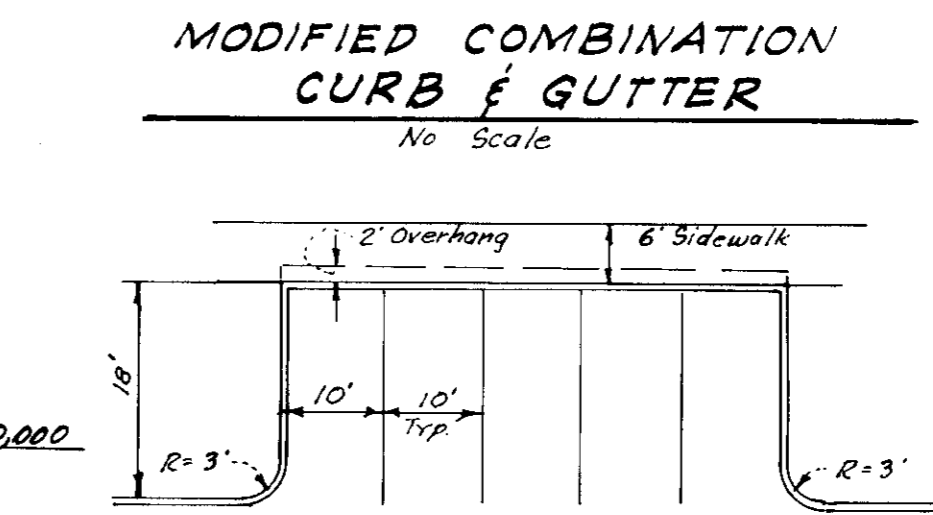
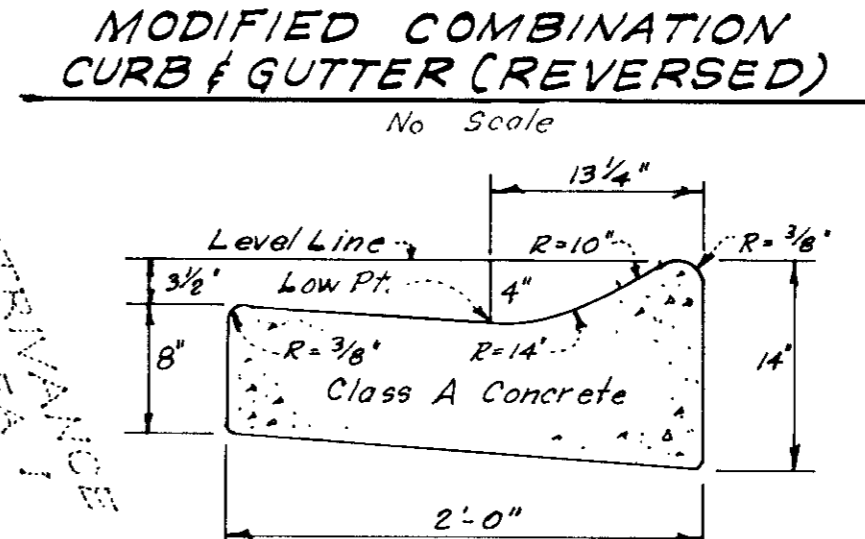
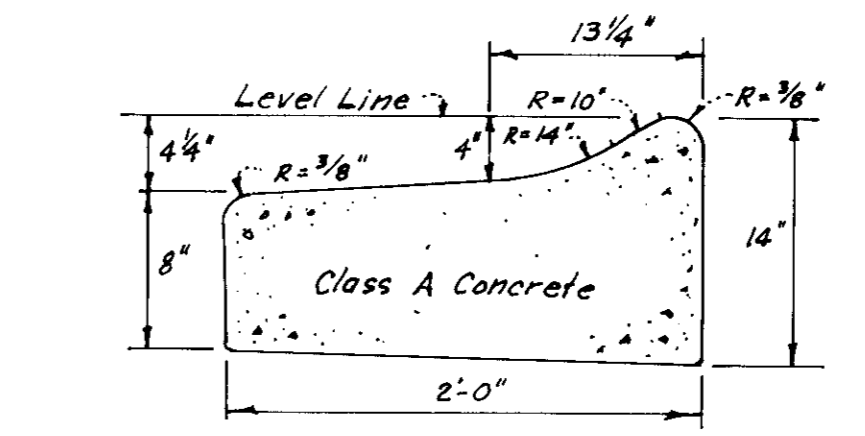
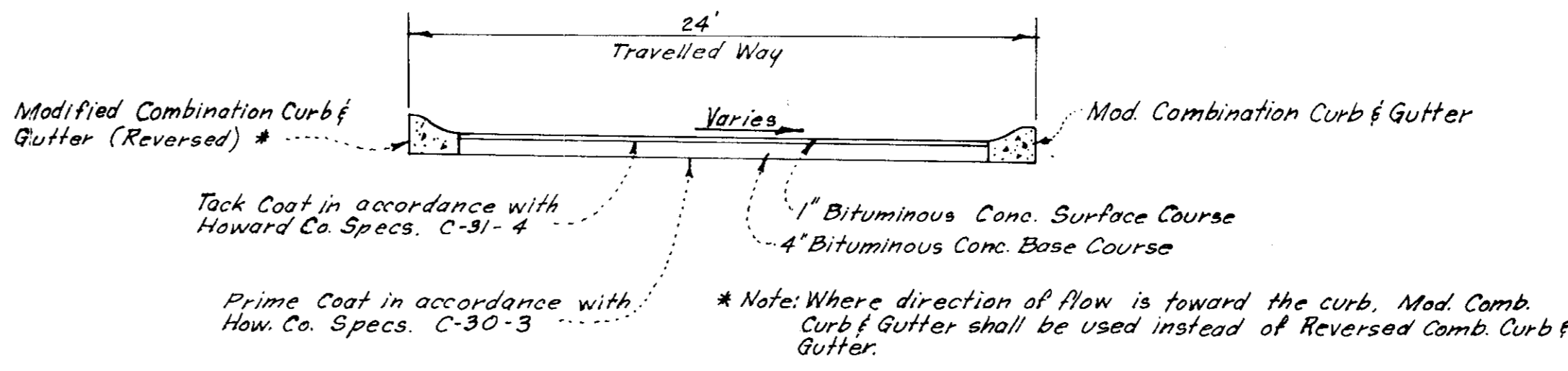
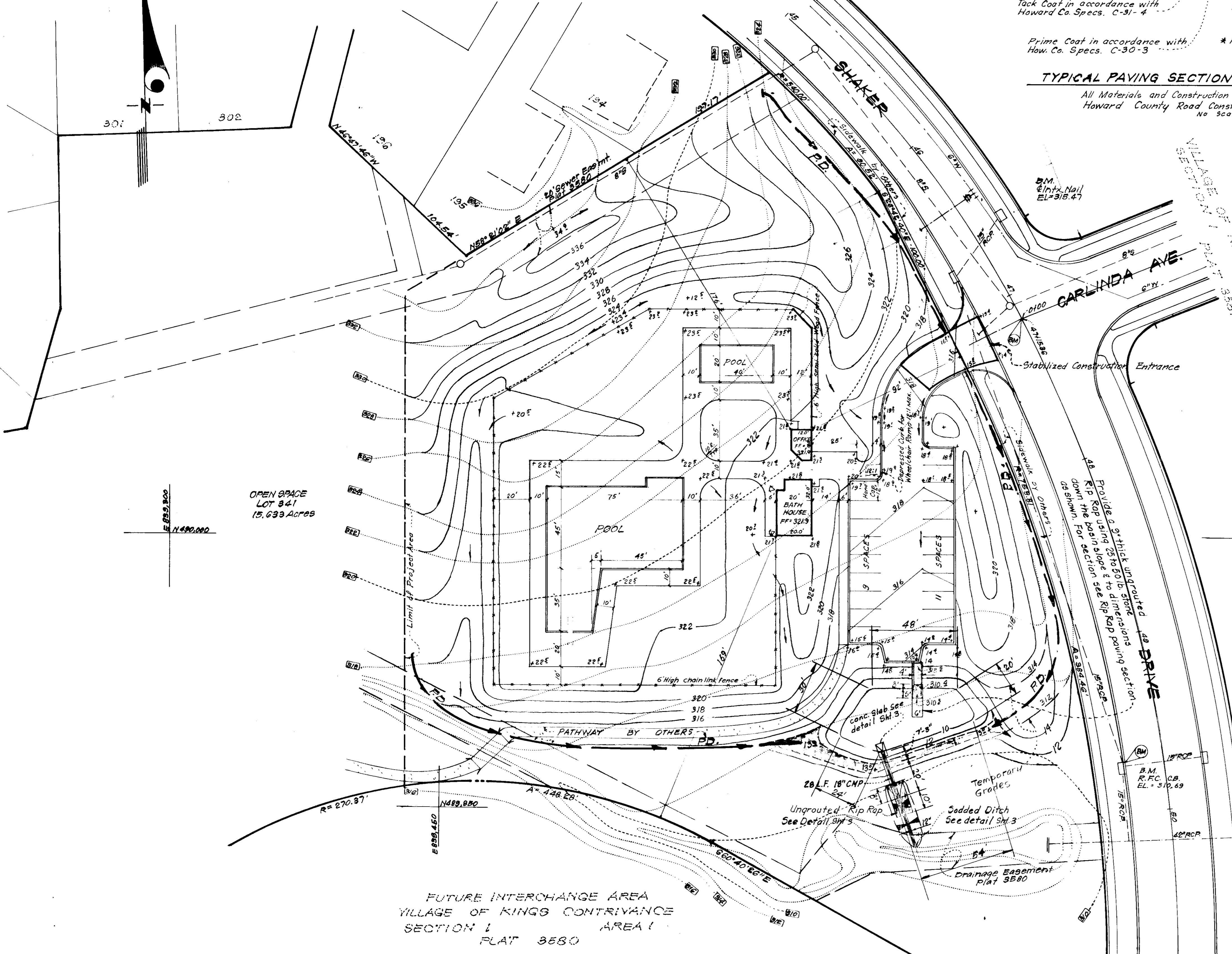


OWNER:
Columbia Park and Recreation Association
5829 Banner Road
Columbia, Maryland 21044

APPROVED
PLANNING BOARD
HOWARD COUNTY
DATE: 1-31-79
[Signature]

DESIGNED BY: W.H.T.	SITE DEVELOPMENT PLAN PART OF OPEN SPACE LOT 341 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 1 AREA 1 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: QUINCY DEVELOPMENT CORP 50 51 Whetstone Road Columbia, Maryland 21044	SCALE: 1 1/2"=30'
DRAWN BY: K.I.W.		DRAWING: 1 of 4
CHECKED BY: W.H.T.		JOB NO.:
DATE: Dec. 6, '78		FILE NO.: 1301-X

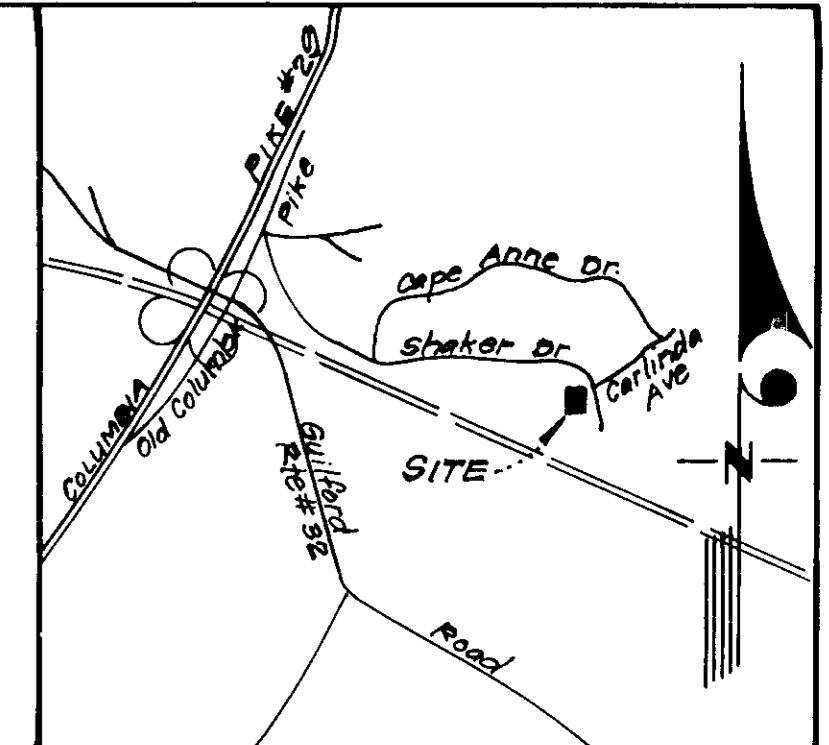
VILLAGE OF KINGS CONTRIVANCE
SECTION 1 AREA 1
PLAT 3580



Bituminous Concrete Surface	1 1/2"	Band C 3	Final Finish
Bituminous Concrete Base (Placed in One Course)	5"	Band C2 or G-3	

Clearing and Grading Article C-1
Sub Grade Article C-2
Base Course Article C-31 or G-33
Surface Course Article C-31
To be constructed in accordance with the Howard County Road Construction Code and Specifications
PAVEMENT REPLACEMENT FOR ENTRANCES INTO PUBLIC ROADS
No Scale

Basin #1 ST-3
Drainage Area = 2.3 Ac.
Storage Required = 2.3 x 1800 = 4140 Cu. Ft.
Storage Provided = 4752 Cu. Ft.
Bottom Elevation = 310.00
Top of Dam = 313.00



- LEGEND:**
- Contour Interval 2 Ft.
 - Existing Contour 330
 - Proposed Contour 330
 - Spot Elevation 330
 - Direction of Drainage
 - Existing Trees to be Retained
 - Proposed Storm Drain
 - Exist. Storm Drain
 - Exist. Sewer Line
 - Exist. Water Line
 - Proposed Exterior Flood Lights
 - Perimeter Dike
 - Straw Bale Dike or Silt Fence
 - Stabilized Construction Entrance SCE

- SITE ANALYSIS:**
- Zoning: New Town (Open Space)
 - Area: 3.2 Acres (project area)
 - No. of Parking Spaces Required: 20
 - No. of Parking Spaces Provided: 20
 - Maximum Building Coverage Permitted: (30%)
 - Building Coverage Shown: (.008% = 1,090sq ft)
 - Topography and Boundary Compiled from Actual Field Survey.
 - Open Space Lot 341 is recorded in Plat 3580.
 - Open Space Lot 341 is located on Tax Map No. 42 Parcel 422.
 - Public Water and Sewer to be Utilized.
 - All Building Setback Restrictions to be complied with those set forth in Final Development Plan Phase 198. Recorded in Plat Book 28, Folios 70-79.
 - All Roadways and Parking to be Privately owned and maintained.
 - Installation of All Traffic Control Devices shall be in accordance with the 1971 Edition of the Manual of Uniform Traffic Control Devices.

- GENERAL NOTES:**
- All materials and construction to be in accordance with the Howard County Road Construction Code and Specifications.
 - Water and Sewer House Connections shall be installed in accordance with Contract # as approved by the How. Co. Bureau of Engineering.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 1-31-79
AUM

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
Date: 3-5-79
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR DATE
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
Date: 3-2-79
DIRECTOR DATE
CHIEF BUREAU OF ENGINEERING DATE

Review: Howard S.C.D.
Name: C. Wayne Ray 2-16-79
U.S. Soil Conservation Service
DATE: 2-16-79
Approved

DEVELOPER'S CERTIFICATE
I certify that all development and/or construction will be in accordance with the plan of development and plan of subdivision as shown on this plan and that I am authorized to file this plan with the Howard County Department of Public Works and the U.S. Soil Conservation Service as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard County Department of Public Works and the U.S. Soil Conservation District.
Signature: Logan Jennings Date: 12-8-78

ENGINEER'S CERTIFICATE
I hereby certify that this plan for Erection and Subdivision, Containing all requirements of the site conditions and that it was prepared in accordance with the requirements of the Howard County Department of Public Works and the U.S. Soil Conservation District.
Signature: G. Nelson Clark Date: 12-8-78



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

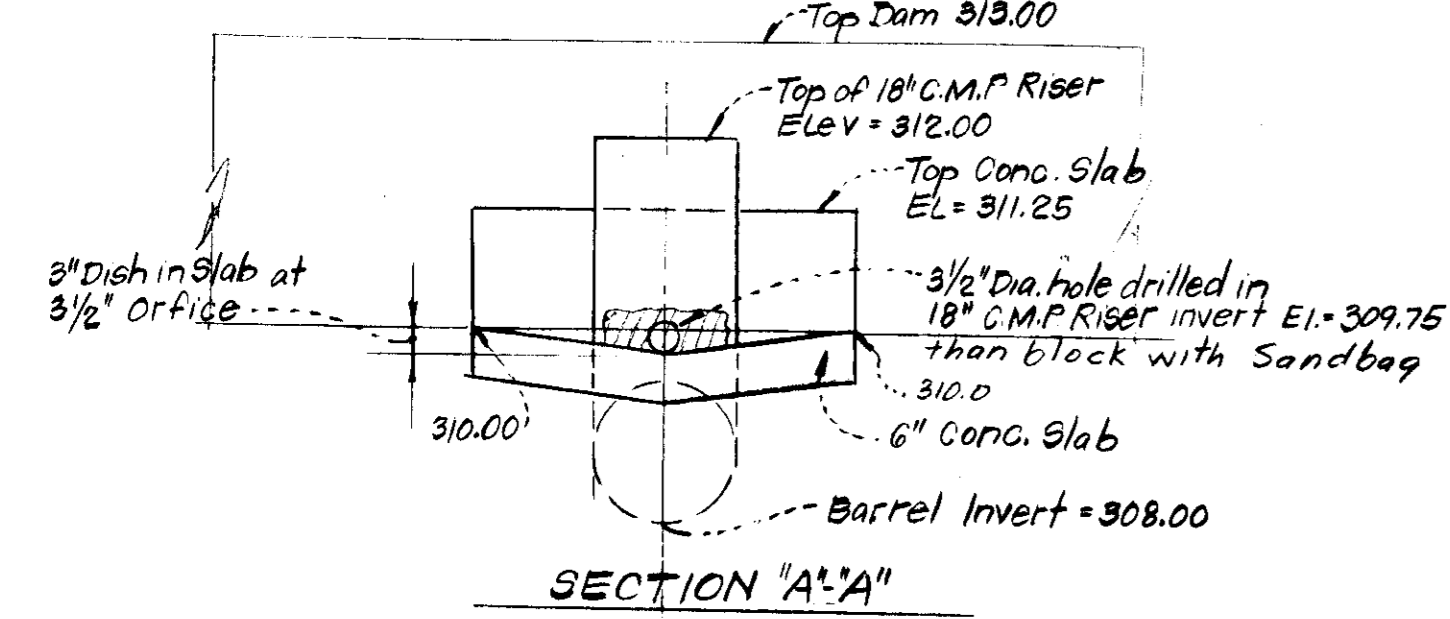
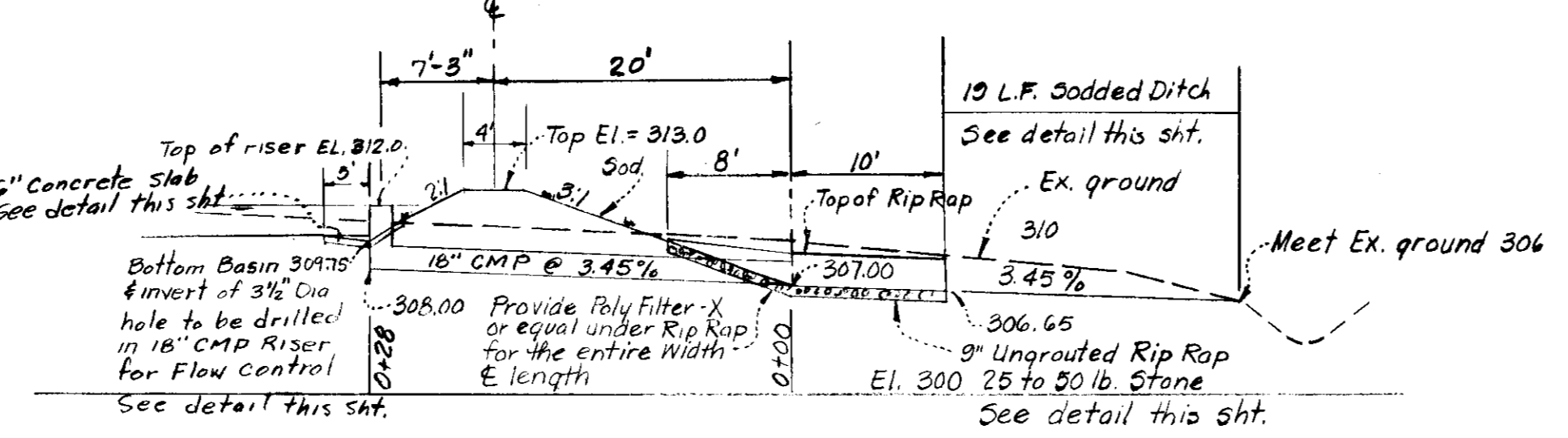
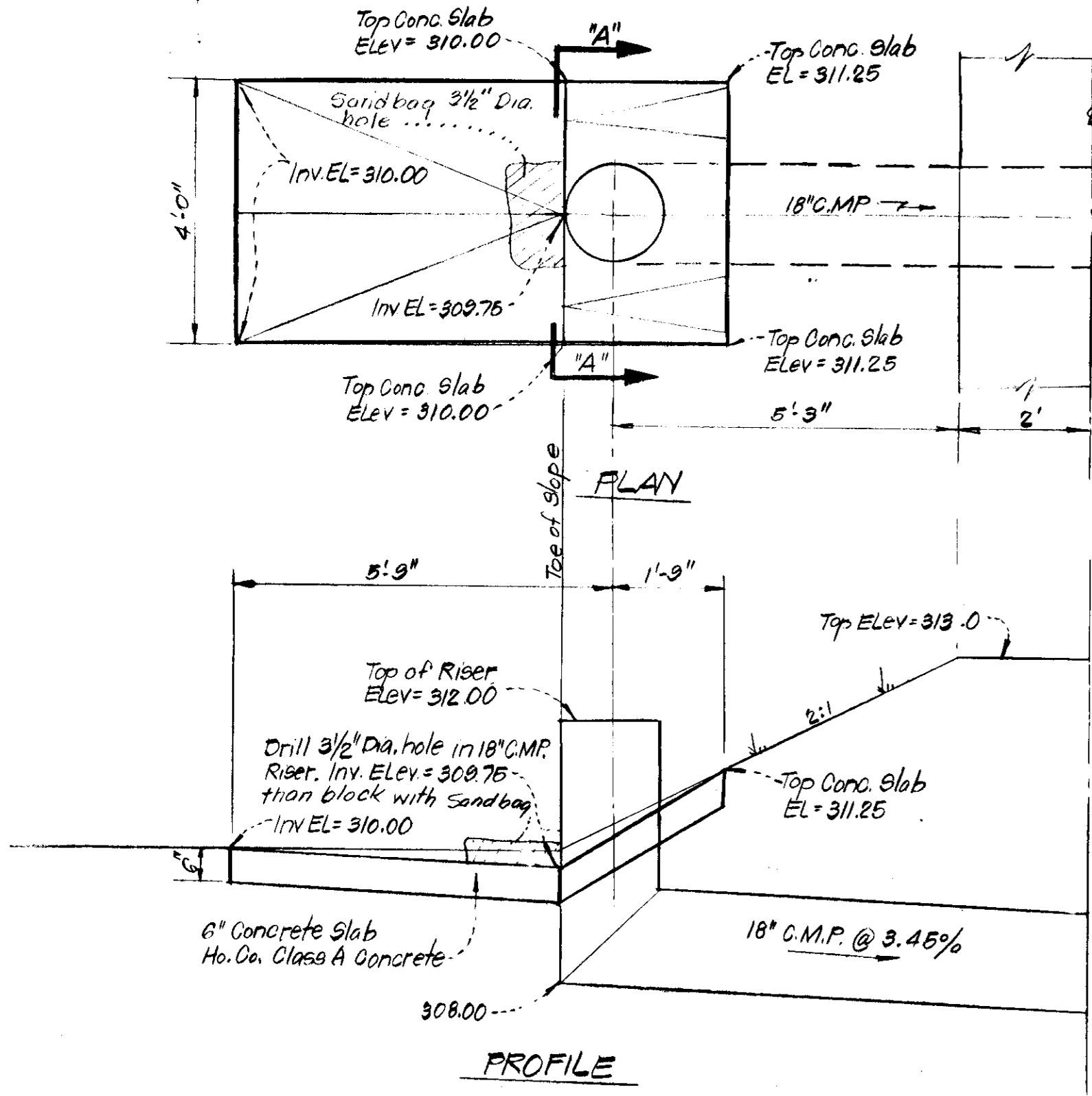
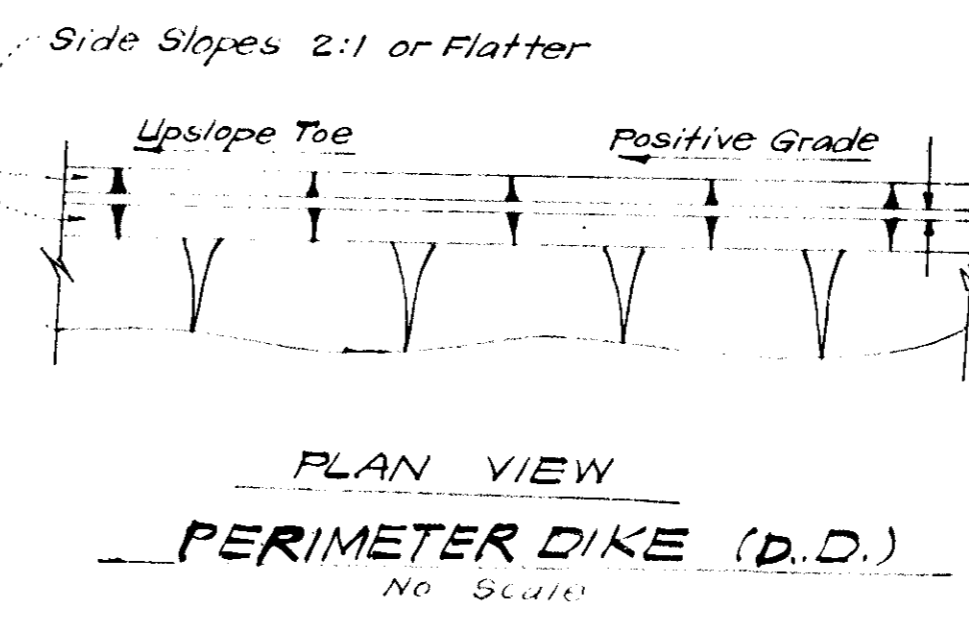
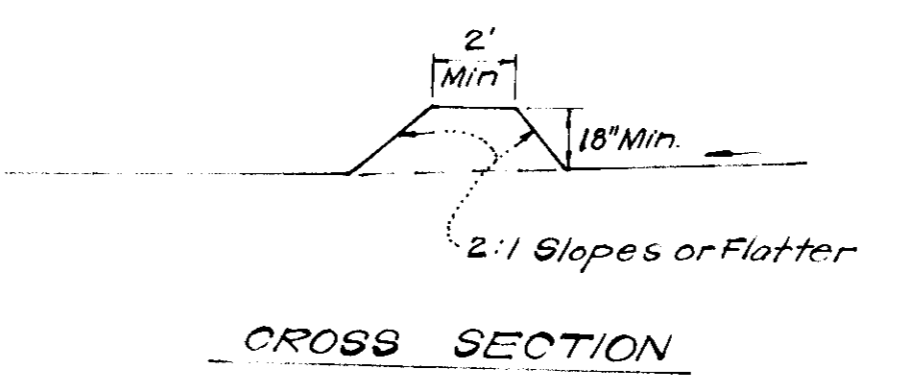
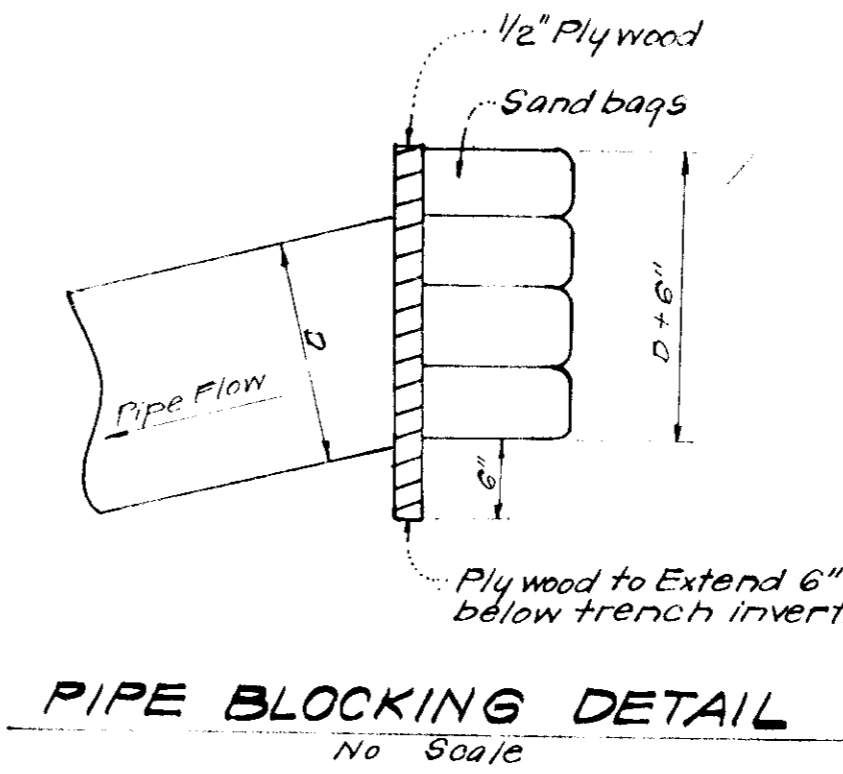
DESIGNED: WHT
DRAWN: WHT & K.W.
CHECKED: WHT
DATE: Dec. 6, 78

SEDIMENT & EROSION CONTROL PLAN
PART OF OPEN SPACE LOT 341
COLUMBIA
VILLAGE OF KINGS CONTRIVANCE
SECTION 1 AREA 1
GMA ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: QUINCY DEVELOPMENT CORP.
50 51 Whetstone Road
Columbia, Maryland 21044
SDP-79-75-C

SCALE: 1"=30'
DRAWING: 2 of 4
JOB NO.:
FILE NO.: 1301-X

GENERAL NOTES

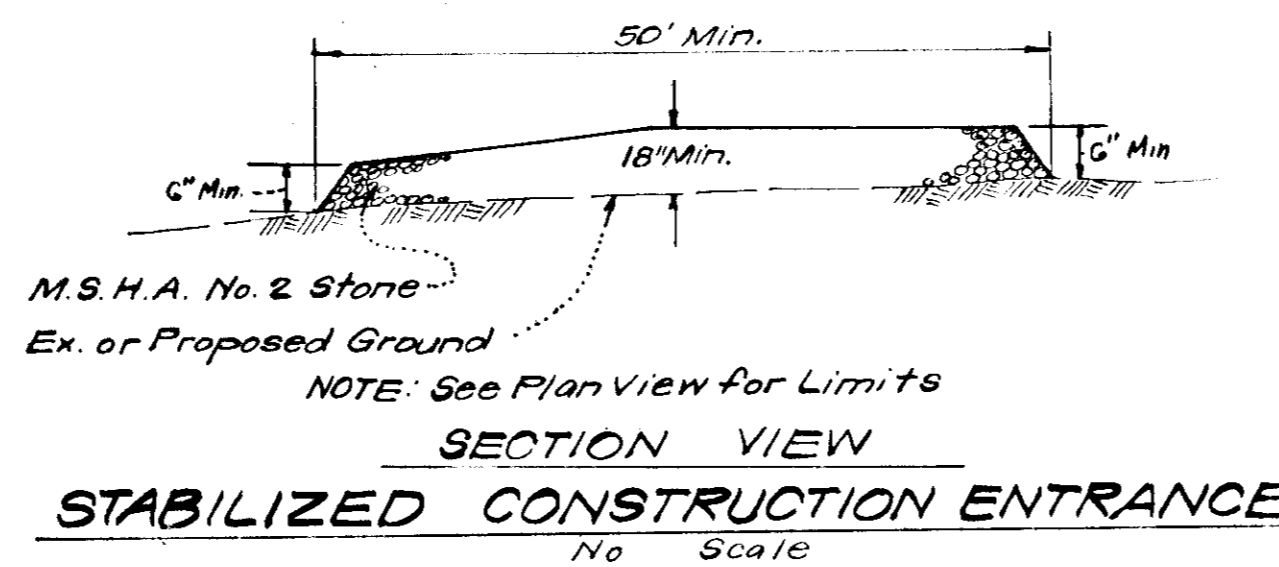
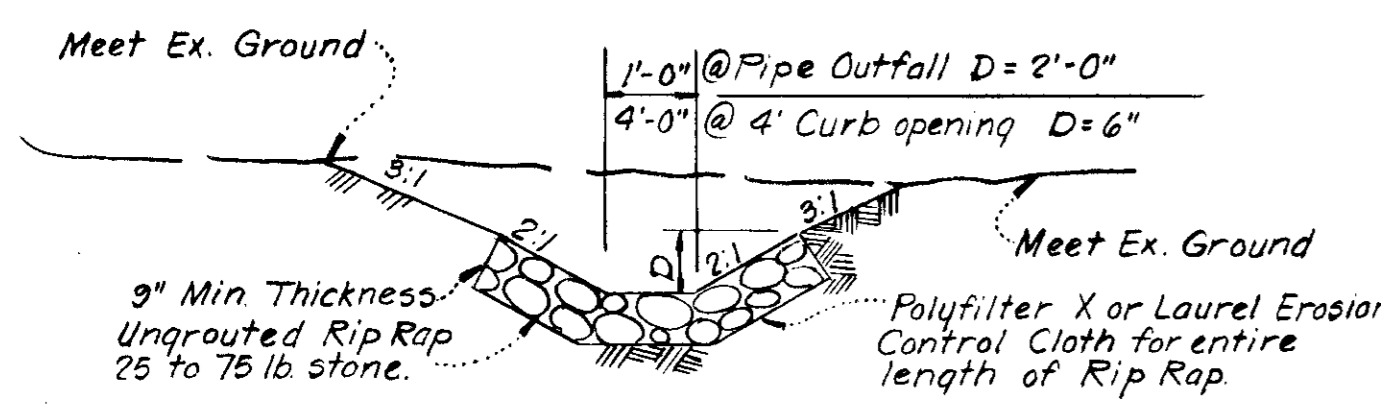
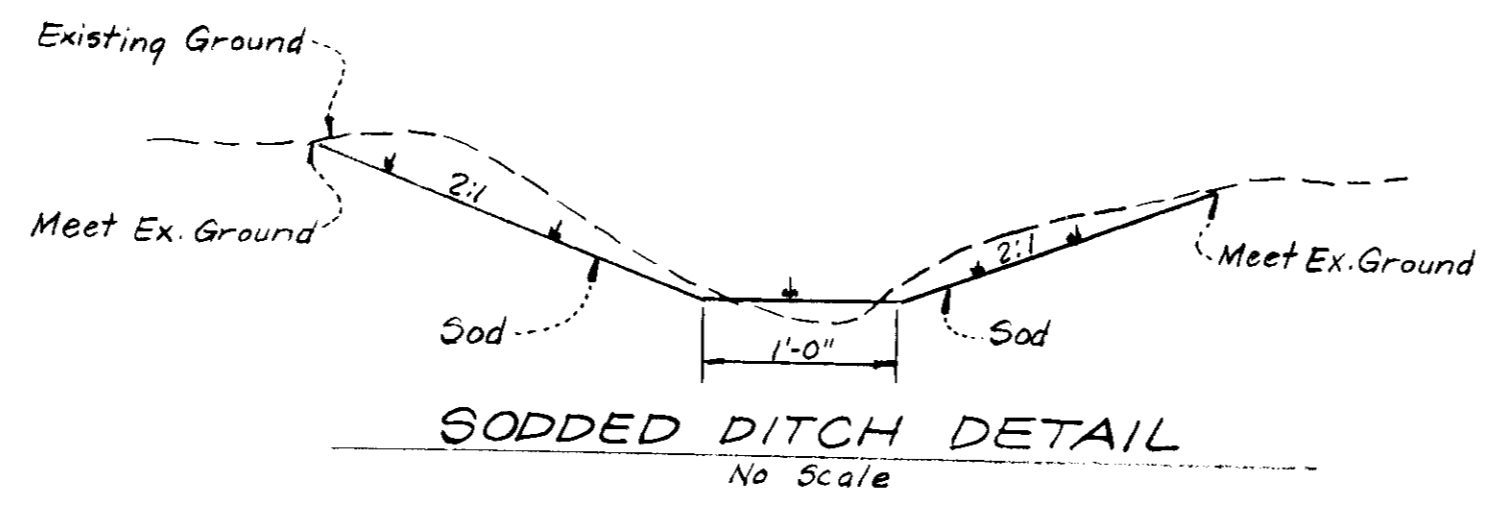
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See Note # 6 for stabilization except that the seed mixture will be annual rye applied at a rate of 14 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% 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, diversich 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 = 3.0 Ac.
 - Area to be Roofed = 0.025 Ac.
 - Area to be Paved = 0.98 Ac.
 - Area to be Seeded = 1.43 Ac.
 - Area Undisturbed = 0.584 Ac.
- CONSTRUCTION SEQUENCE:**
 - Install Sediment & Erosion Control Devices and stabilize Perimeter Dikes.
 - Excavate for Foundations and Rough Grade.
 - Erect Structures, Drive ways and Side walks.
 - Final grade and stabilize in accordance with Note # 6.
- Cut & Fill Ratio: 3050 Cy Cut, 3340 Cy Fill.
- It will be the Developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- All Spoil and Borrow Areas shall have an approved Sediment & Erosion Control Plan.
- All slopes exceeding 3:1 shall be stabilized with crown vetch, applied at a rate of 0.34 lbs/1000 sq. ft. and in accordance with the above mentioned standards and specifications.
- The 3/2" Dia. hole at the base of the 18" Riser may not be unblocked until the Storm Water Management Basin has been cleaned out and stabilized.



Note: Storm Water Management Basin to be used as a Sediment Trap. After areas draining to basin are stabilized the basin shall be restored to proper condition for Permanent Basin.

RISER AND CONCRETE SLAB DETAIL
Scale: 1" = 2'-0"

STORM WATER MANAGEMENT BASIN PROFILE
No. Scale



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
John Brylous 3-5-79
COUNTY HEALTH OFFICER
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR
CHIEF DIVISION OF LAND DEVELOPMENT
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR
CHIEF BUREAU OF PLANNING

Reviewed for Howard S.C.D. Name and meets Technical Requirements
C. Wayne Ray 2-16-79
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 & Sediment Control, and I also certify that the plan meets the requirements of 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 is complete, final and workable plan based on the facts and conditions of the site and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

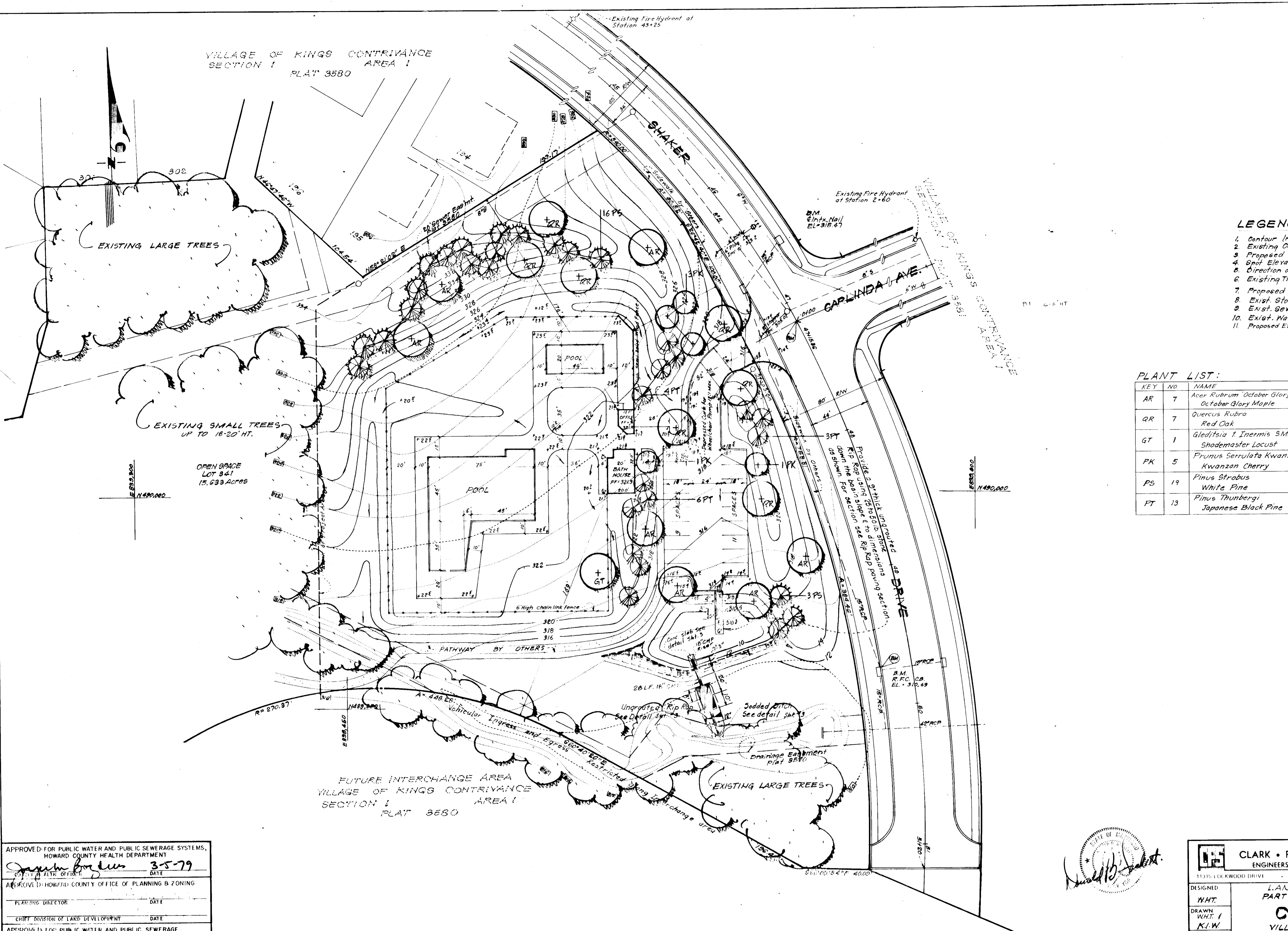
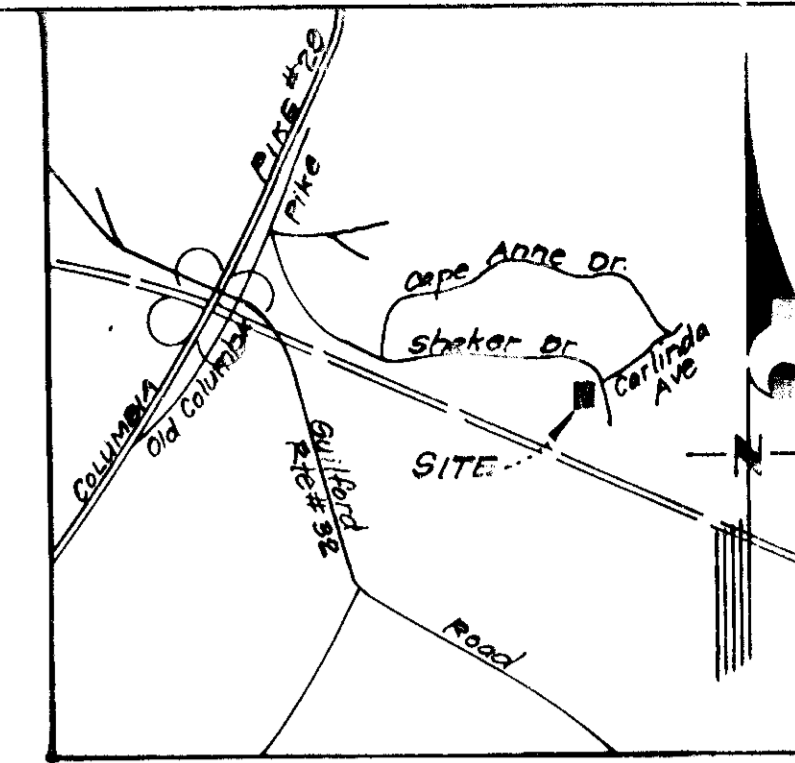


John Brylous 2-16-79
Logan Jennings 12-8-78
John Brylous 12-8-78

APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE: 1-31-79

CLARK • FINECROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS		1147 LICKWOOD DRIVE SILVER SPRING, MARYLAND 20904	4011 54th STREET ARLINGTON, VIRGINIA 22204
DESIGNED D.B.	SEDIMENT & EROSION CONTROL PLAN PART OF OPEN SPACE LOT 341		SCALE As Shown
DRAWN	COLUMBIA		DRAWING 3 of 4
CHECKED	VILLAGE OF KING'S CONTRIVANCE SECTION 1 AREA 1 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND		JOB NO.
DATE Dec 6, 78	FOR: QUINCY DEVELOPMENT CORP. 5051 Whetstone Road Columbia, Maryland 21044		FILE NO. 1391-X
S.O.P. - 79-75-C			

VILLAGE OF KINGS CONTRIVANCE
SECTION 1 AREA 1
PLAT 3580



- LEGEND:**
- 1. Contour Interval 2 FT
 - 2. Existing Contour 830
 - 3. Proposed Contour 830
 - 4. Spot Elevation 805
 - 5. Direction of Drainage
 - 6. Existing Trees to be Retained
 - 7. Proposed Storm Drain
 - 8. Exist. Storm Drain
 - 9. Exist. Sewer Line
 - 10. Exist. Water Line
 - 11. Proposed Exterior Flood Lights

PLANT LIST:

KEY	NO.	NAME	SIZE	REMARKS
AR	7	Acer Rubrum 'October Glory'	2 1/2 - 3' Col	B/B Heavy Heads
AR	7	October Glory Maple	12-14' Ht.	" " "
QR	7	Quercus Rubra	2 1/2 - 3' Col	" " "
QR	7	Red Oak	12-14' Ht.	" " "
GT	1	Gleditsia T. Inermis SM#1515	2 1/2 - 3' Col	" " "
GT	1	Shademaster Locust	12-14' Ht.	" " "
PK	5	Prunus Serrulata Kwanzan	2-2 1/2' Col	" " "
PK	5	Kwanzan Cherry	8-10' Ht.	" " "
PS	19	Pinus Strobus	6-8' Ht.	" " "
PS	19	White Pine	6-8' Ht.	" " "
PT	13	Pinus Thunbergii	6-8' Ht.	" " "
PT	13	Japanese Black Pine	6-8' Ht.	" " "

EXISTING LARGE TREES

EXISTING SMALL TREES
UP TO 18-20 HT.

OPEN SPACE
LOT 341
19.033 Acres

FUTURE INTERCHANGE AREA
VILLAGE OF KINGS CONTRIVANCE
SECTION 1 AREA 1
PLAT 3580

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 1-31-79

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

James Fordus 3-5-79
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

PLANNING DIRECTOR DATE

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

W. F. Newmyer 3-2-79
DATE

CITY ENGINEER DATE

OWNER:
Columbia Park and Recreation Association
5829 Banneter Road
Columbia, Maryland 21044



CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 503-3400

DESIGNED: W.H.T.
DRAWN: W.H.T. / K.L.W.
CHECKED: W.H.T.

DATE: Dec. 6, 78

SCALE: 1"=30'

DRAWING: 4 of 4

JOB NO.:

FILE NO. 1991-X

FOR: QUINCY DEVELOPMENT CORP.
50 51 Whetstone Road
Columbia, Maryland 21044