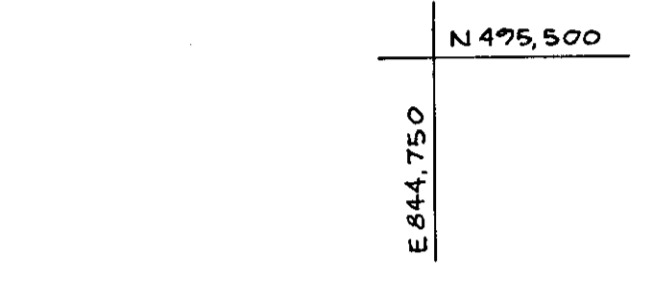


NOTE:
THE LOTS OR PARCELS SHOWN ON THIS PLAT ARE SUBJECT TO THE SUPPLEMENTAL SEWER-IN-AID OF CONSTRUCTION CHARGE CREATED BY SEC. 20.311 A OF THE HOWARD COUNTY CODE AND TO EXECUTIVE ORDER NO. 72-9.

VICINITY MAP
Scale: 1" = 2000'

- SYMBOLS**
- Existing Water
 - Storm Drains
 - Sanitary Sewer
 - Contours 370



NOTE:
The land shown on this plan is known and designated as Lot 64 as shown on the plat entitled "Columbia, Village of Owen Brown, Section I, Area 1" which plat is recorded in the Land Records of Howard County, Maryland in Plat Book _____, Folio _____.

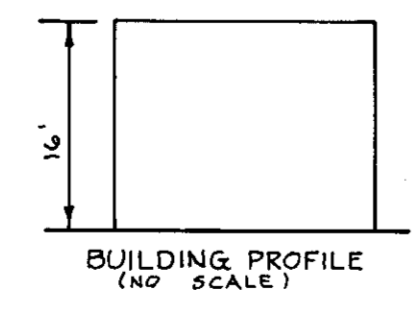
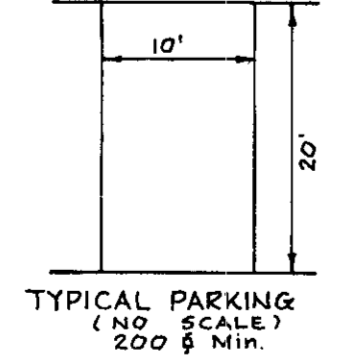
GENERAL NOTES:

- These plans and the Contract Specifications shall be mutually supplementary.
- It shall be the Contractor's responsibility to perform the work in such a manner as to prevent the washing of any top soil, silt or debris onto adjacent properties and he shall be held responsible for any damage incurred.
- Tops of structures shall not be set until finished grade is completed in order to avoid unnecessary adjustments.
- All finish grading and pouring shall be done in such a manner as to preclude the ponding of water.
- Lengths shown for sewers are measured between centers of structures and are not to be used for horizontal stations. Upon stake outs, hold the inverts and adjust the per cents of grade to reflect any differences between scaled and computed lengths.
- The Permittee shall provide adequate means of cleaning trucks and other equipment of mud prior to entering the right-of-way, and it is the Permittee's responsibility to clean streets and alley ways, and take whatever measures are necessary to insure that the road is maintained in a clean, mud and dust free condition at all times.
- Elevations shown for tops of curbs (where no centerline profiles are given herein) are taken on tangent grades. The contractor shall round all vertical breaks with smooth spline curves fitted to such grades.
- The Contractor shall obtain a permit from the Howard County Dept. of Public Works to make the sewer tap to existing manhole.
- Sediment control as shown on plan shall conform with the Howard County Soils Conservation District.
- All existing water and sewer lines serving building to be provided by plumbing contractor. Water line to be installed by master plumber.

- NOTES:**
- Area of Site - 5.176 Ac.
 - Tax Map No. - 47
 - Total No. of Parking Spaces - 25

REVIEWED FOR Howard S.C.D. AND MEET TECHNICAL REQUIREMENTS.
Signature: James M. Nelson Date: 7/15/74
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved: Richard W. Zichner Date: 7/15/74
Howard S.C.D.



APPROVED: For Public Water and Public Sewer Systems, Howard County Health Department
W. J. J. [Signature] 7/22/74 Date
County Health Officer

APPROVED: Howard County Office of Planning and Zoning
Thomas J. [Signature] 7-24-74 Date
Planning Director

J. H. Clauson 7/24/74 Date
Chief, Division of Land Development and Transportation Planning

APPROVED: For Public Water, Public Sewerage and Storm Drainage Systems and Roads, Howard County Department of Public Works
William [Signature] 7/27/74 Date
Director

B. P. [Signature] 7/19/74 Date
Chief, Bureau of Highways

NOTE:
THIS SITE IS DESIGNED FOR DIRT TO BALANCE.

APPROVED PLANNING BOARD OF HOWARD COUNTY
DATE: 4/18/74
Thomas J. [Signature]
F. Denis Light M4 PE. No. 7617

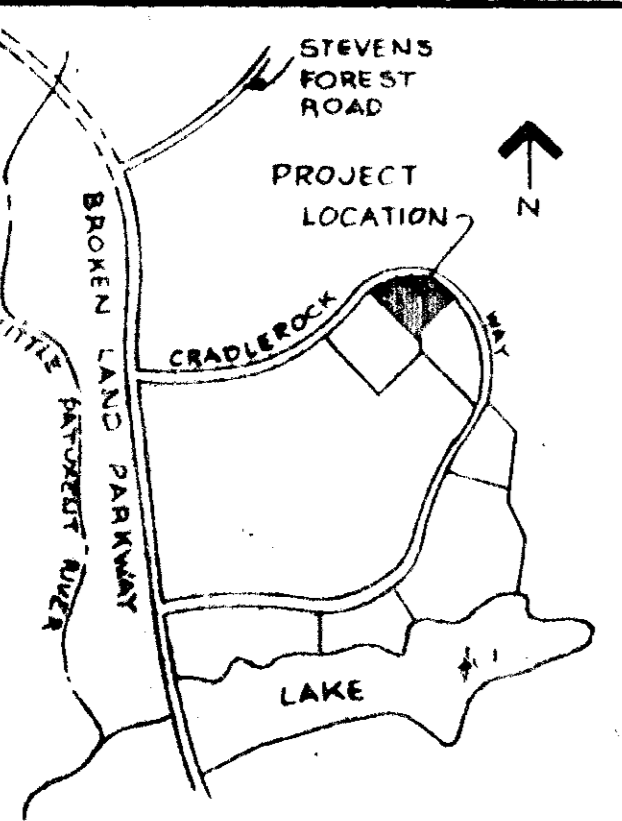
Owner & Developer:
COLUMBIA ASSOCIATION
Columbia, Maryland

Rev. Date	Rev. No.	Revision Description

RICHARD P. BROWNE ASSOCIATES
ENGINEERS SURVEYORS PLANNERS ARCHITECTS
PEACHTREE CITY, GEORGIA
COLUMBIA, MD. WAYNE, N. J.

SITE DEVELOPMENT PLAN
LOT 64
(FORMERLY LOT 2)
Village of Owen Brown Section I Area 2
6th Election District Howard County, Md.

Des. By	Scale: 1" = 40'	Dwg. No. 1 of 4
Drn. By M.K.	Date 3-28-74	Proj. No. 3492
Chk. By	Approved	



VICINITY MAP
Scale: 1" = 2000'

- SYMBOLS**
- Existing
 - Water
 - Storm Drains
 - Sanitary Sewer
 - Contours 570

NOTE
THE LOTS OR PARCELS SHOWN ON THIS PLAN ARE SUBJECT TO THE SUPPLEMENTAL SEWER IN AID OF CONSTRUCTION CHARGE CREATED BY SEC 20 511 A OF THE HOWARD COUNTY CODE AND TO EXECUTIVE ORDER NO 72

NOTE:
The land shown on this plan is known and designated as Lot 2, as shown on the plat entitled "Columbia, Village of Owen Brown, Section 1, Area 2, which plat is recorded in the Land Records of Howard County, Maryland in Plat Book 19, Folio 40"

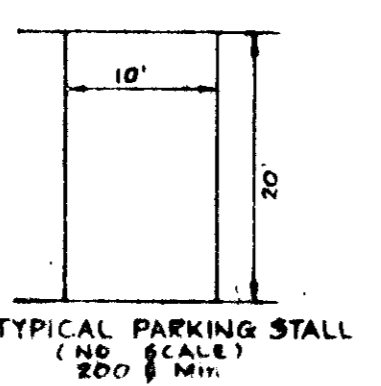
GENERAL NOTES:

- These plans and the Contract Specifications shall be mutually supplementary.
- It shall be the Contractor's responsibility to perform the work in such a manner as to prevent the washing of any material, fill or debris onto adjacent properties and he shall be held responsible for any damage incurred.
- Top of structures shall not be set until finished grade is completed in order to avoid unnecessary adjustments.
- All finish grading and paving shall be done in such a manner as to prevent the ponding of water.
- Lengths shown for sewers are measured between centers of all pipes and are not to be used for vertical clearance items. Open structures shall be set to adjust the pipe to a grade to perfectly align. Distances between manholes shall be reported in feet.
- The Permittee shall provide adequate means of cleaning trucks and other equipment of this plan to prevent the right of way, and if so the Permittee's responsibility to clean street and alley ways, and take whatever measures are necessary to insure that the road is kept in a clean, neat and safe condition at all times.
- Elevations shown for top of curbs (where no centerline profiles are given) shall be taken as top of grades. The Contractor shall correct all vertical breaks with smooth spline curves fitted to each grade.
- The Contractor shall obtain a permit from the Howard County Dept. of Public Works to make the sewer tap to existing manhole.
- Sediment control as shown on plan shall conform with the Howard County Soil Conservation District.
- All existing water and sewer lines serving building to be provided, by plumbing contractor. Water line to be installed by water plumber.

REVIEWED FOR Howard SCD, AND MEETS TECHNICAL REQUIREMENTS
James M. Helm 7/15/74
US SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved: Richard Ziehm 7/15/74
Howard SCD

AREA OF SITE - ZONING - NEW TOWN TAX MAP 47, PARCEL 197



APPROVED: For Public Water and Public Sewerage Systems, Howard County Health Dept.
[Signature] 7/15/74
County Health Officer Date

APPROVED: Howard County Office of Planning and Zoning
[Signature] 7-24-74
Planning Director Date

APPROVED: Chief Division of Land Development and Transportation Planning
[Signature] 7/24/74
Date

APPROVED: For Public Water and Public Sewerage and Storm Drainage System and Roads, Howard Co. Dept. of Public Works
[Signature] 7/15/74
Director Date

[Signature] 7/15/74
Chief, Bureau of Highways Date

Owner & Developer:
COLUMBIA ASSOCIATION
Columbia, Maryland

4/18/74

F. Dennis Lister
F. Dennis Lister M.A.P.E. No. 747

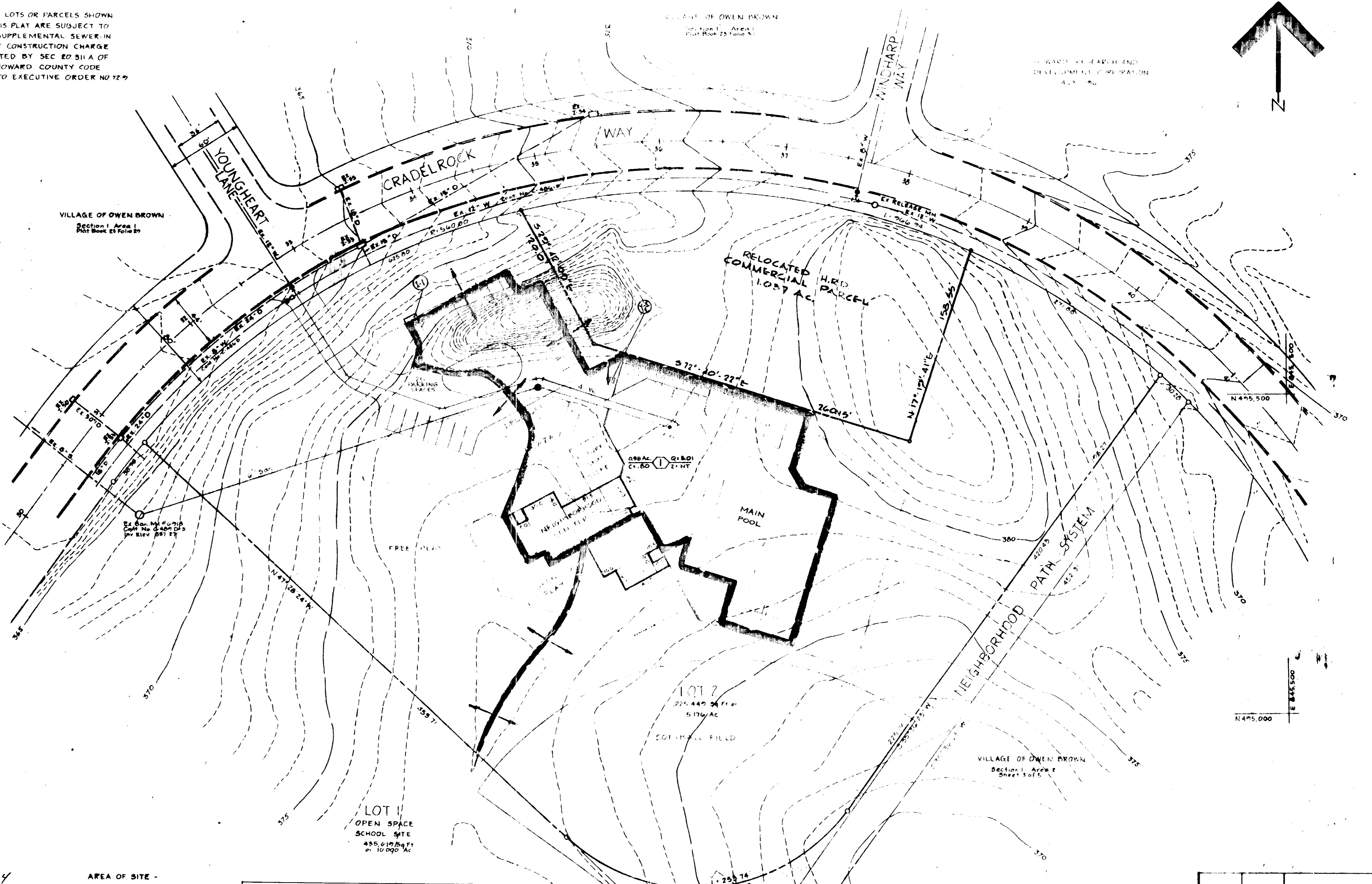


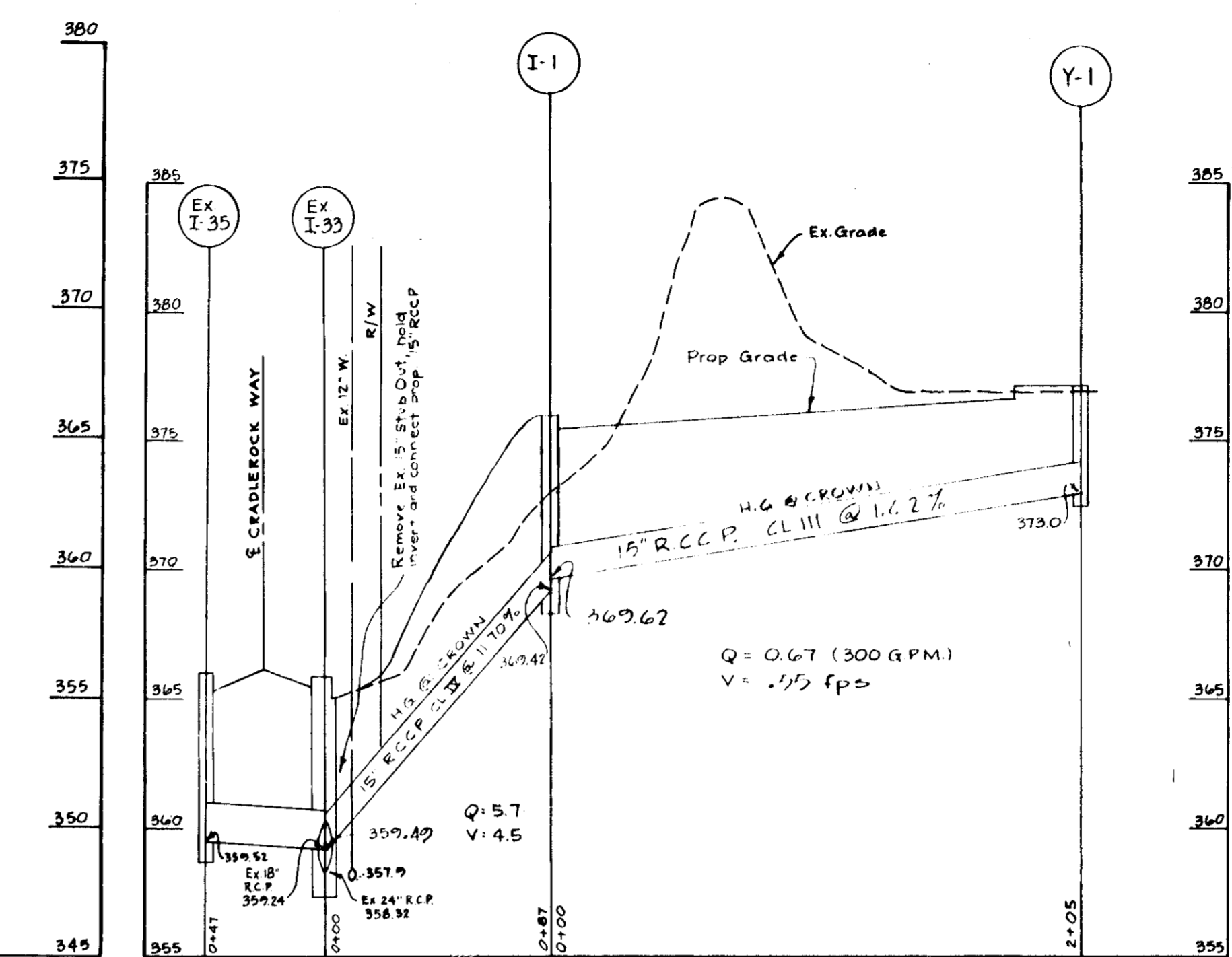
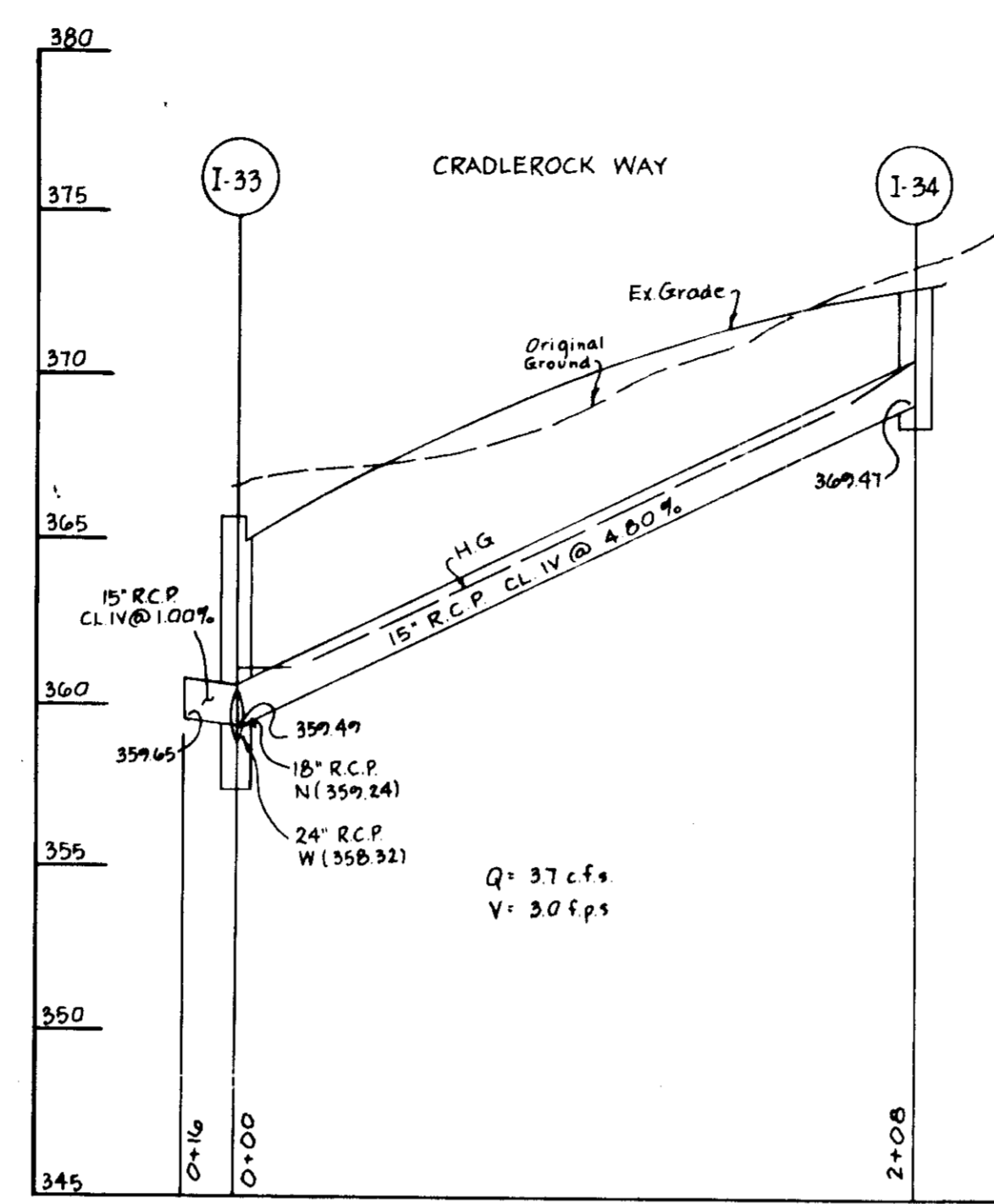
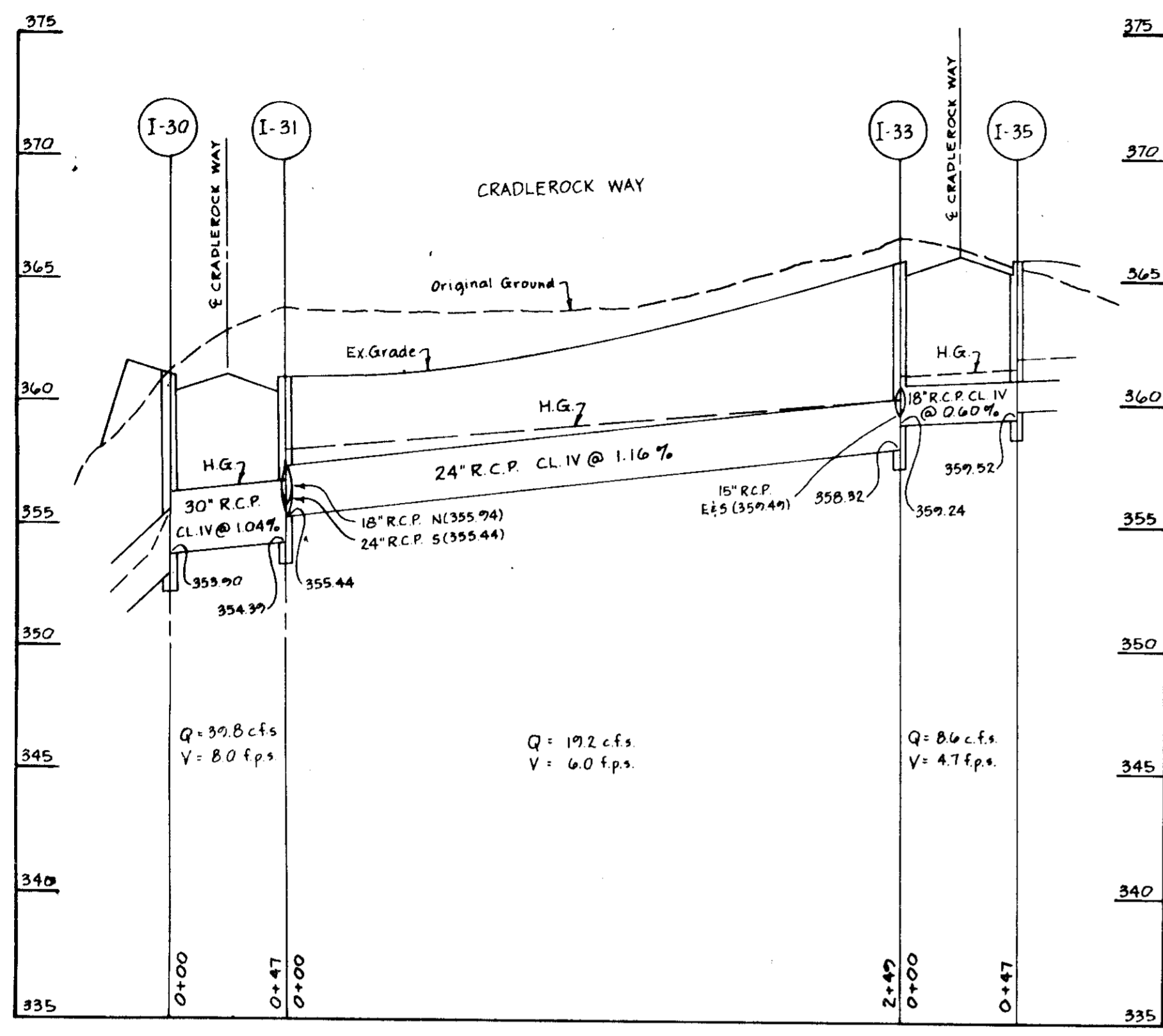
Rev. Date	Rev. No.	Revision Description

RICHARD P. BROWNE ASSOCIATES ENGINEERS SURVEYORS PLANNERS ARCHITECTS
PEACHTREE CITY, GEORGIA
COLUMBIA, MD WAYNE, N.J.

DRAINAGE AREA MAP
LOT 64 (Formerly Lot 2)
Village of Owen Brown Section 1, Area 2
4th Election District Howard County, Md

Des. By	Scale: 1" = 40'	Dwg. No. 2 of 4
Des. By: M.K.	Date: 3.28.74	Proj. No. 8482
Chk. By	Approved	



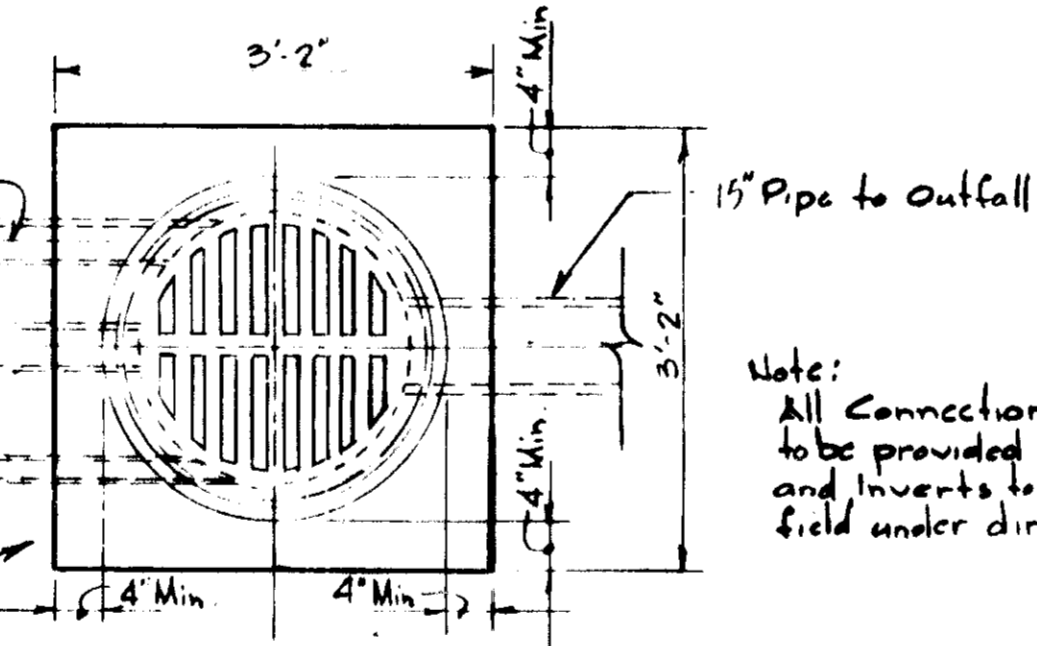
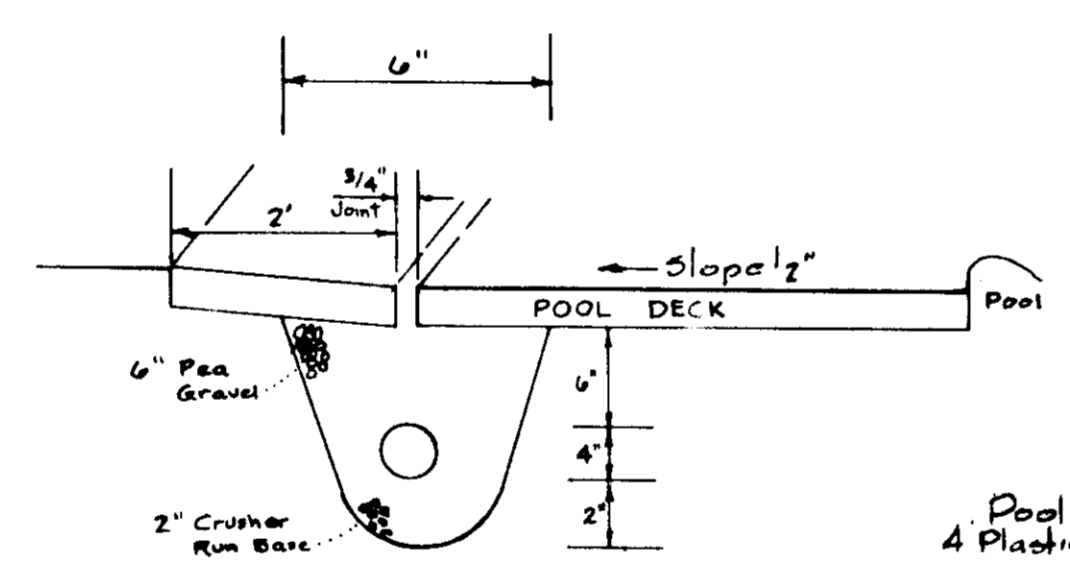
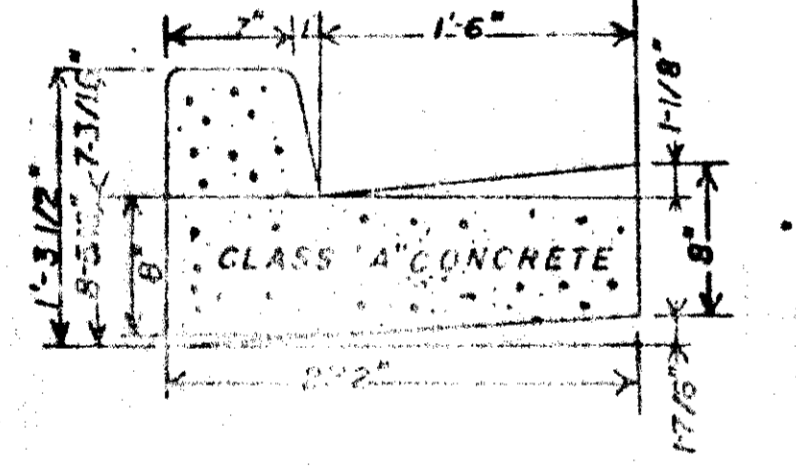


EXISTING STORM DRAIN PROFILES Scale: Horiz. 1"=50' Vert. 1"=5'
 PROPOSED STORM DRAIN PROFILE Scale: Horiz. 1"=50' Vert. 1"=5'

LOCATION		DESIGN				DATA				REMARKS					
From	To	AREA	ACRES	COEFF	CA	CA	TIME	CONC	MIN		PIPE	n°	Q214		
YI-1	I-1									POOL DRAIN	14"	1.62	6.3	205	500 G.P.M.
I-1	Ex I-33		0.8	80		78	10.0	109	100.9	6.1	4.80	11.7	17	87	"E" COMB

INLET SCHEDULE			
NO.	TYPE	2" INLET	15" INLET
I-1	Yard Inlet	6.6	378.00
I-1	"E" Comb	5.0	369.42

STANDARD 7" COMBINATION CURB & GUTTER



Note:
 All connections to Prop. Yard Inlet to be provided by Master Plumber and Inverts to be established in the field under direction of Engineer.

SSD 49 STANDARD HOWARD COUNTY YARD INLET U.T.S.

STORM DRAINAGE STRUCTURE SCHEDULE						
NO.	TYPE	LOCATION	INV.	IN	OUT	TOP ELEV.
YI-1	Yard Inlet	See Plan	375.00	373.00	371.00	
I-1	"E" Combination	See Plan	369.62	369.42	375.00	

APPROVED
 H. DENIS LIGHT
 3/15/74

APPROVED: For Public Water and Public Sewerage Systems, Howard County Health Department
 County Health Officer Date
 APPROVED: Howard County Office of Planning and Zoning
 Planning Director Date
 Chief, Div. of Land Development and Transport Planning Date
 APPROVED: For Public Water, Public Sewerage and Storm Drainage Systems and Roads, Howard County Dept. of Public Works
 Director Date
 Chief, Bureau of Highways Date

Rev Date	Rev No.	Revision Description

RICHARD P. BROWNE ASSOCIATES
 ENGINEERS SURVEYORS PLANNERS ARCHITECTS
 PEACHTREE CITY, GEORGIA
 COLUMBIA, MD. WAYNE, N. J.

STORM DRAIN PROFILE & DETAILS
 LOT 64
 (Formerly Lot 2)
 Village of Owen Brown Section 1 Area 2
 6th Election District Howard County, Md.

Des. By: Scale as shown Dwg. No. 3 of 4
 Drn. By: M.K. Date 3-28-74 Proj. No. 3432
 Chk. By: Approved

THIS SECTION TO BE USED IN ALL AREAS ZONED IN DISTRICTS AS SHOWN IN THE 1961 EDITION OF HOWARD COUNTY ZONING REGULATIONS, AMENDMENT 1, SECTION 11.
 THIS SECTION MAY BE USED IN LEVY OF THE HOWARD COUNTY STANDARD CONCRETE SPECIFICATIONS FOR ANY SITE PRIVATELY MAINTAINED HIGHWAYS.
 SURFACES
 INTUMESCENT CONCRETE SURFACE BAND C-3
 INTUMESCENT CONCRETE BASE BAND C-2 OR B-3
 BUS WAYS AND PARKING AREAS
 INTUMESCENT CONCRETE SURFACE BAND C-3
 INTUMESCENT CONCRETE BASE BAND C-2 OR B-3
 CLEARING AND GRADING ARTICLE C-1
 SUBGRADE ARTICLE C-2
 BASE COURSE ARTICLE C-31 OR C-33
 SURFACE ARTICLE C-31
 TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS

Base will be primed in accordance with Section C-30.3 as provided in the Howard County Road Construction Code and Standard Specifications.
 Tack Coat is required in accordance with Section C-31.4 of the Howard County Road Construction Code and Standard Specifications.