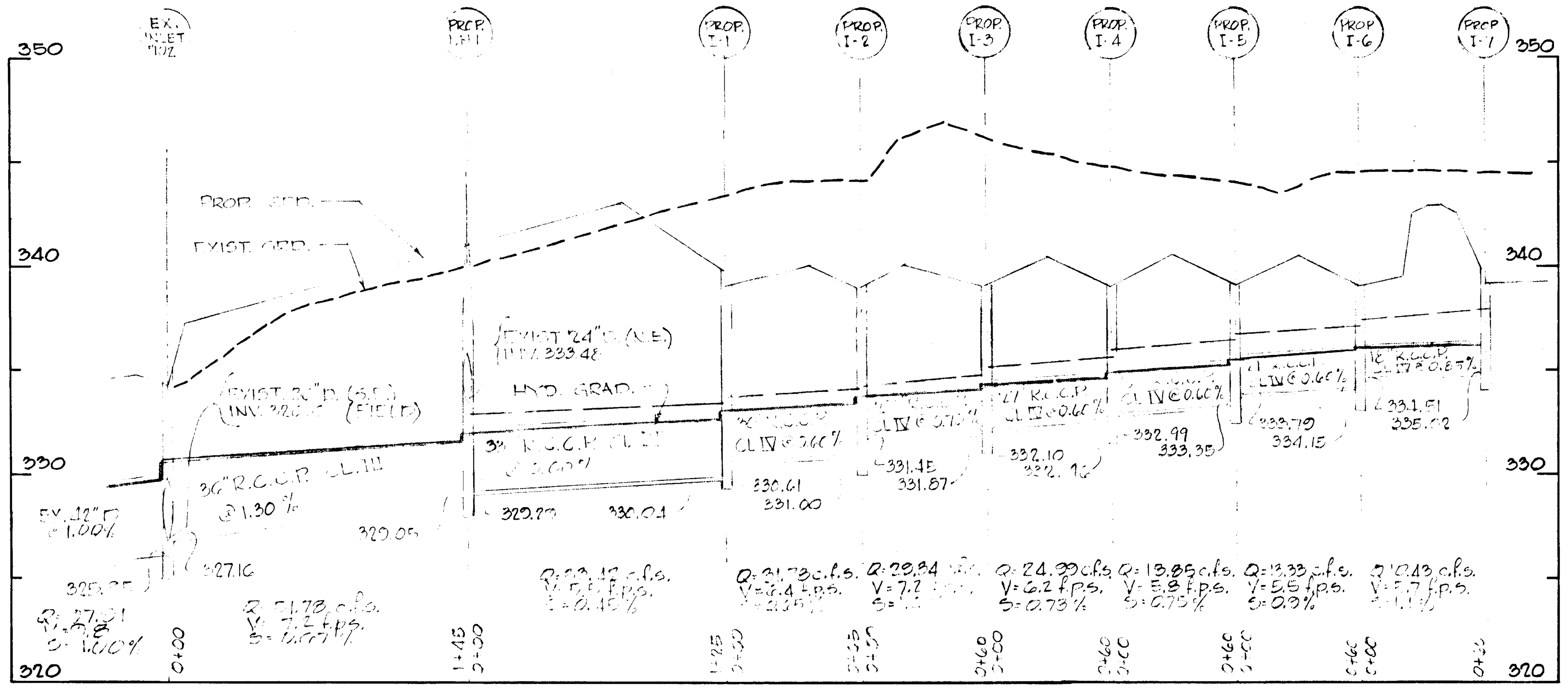
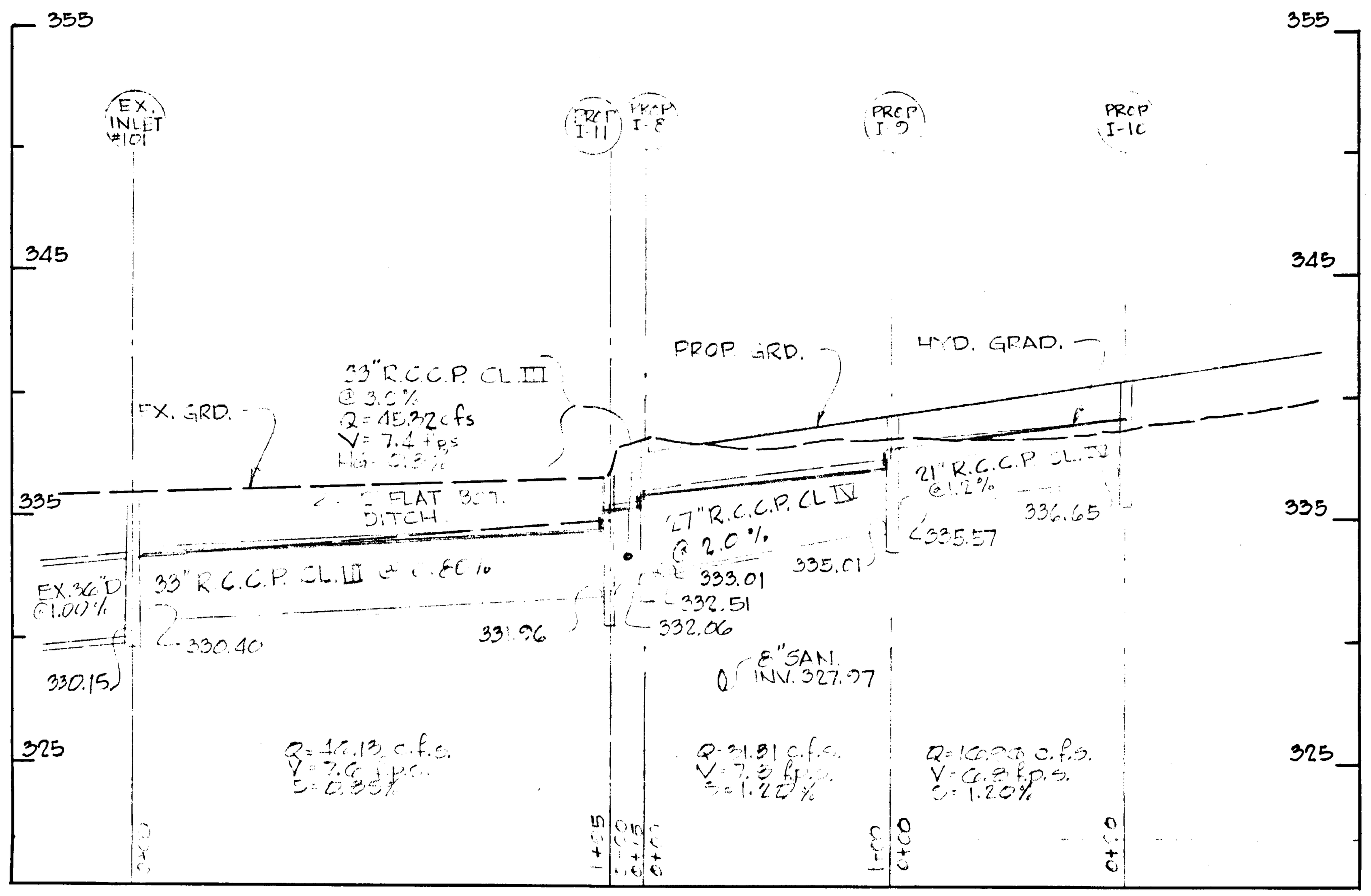
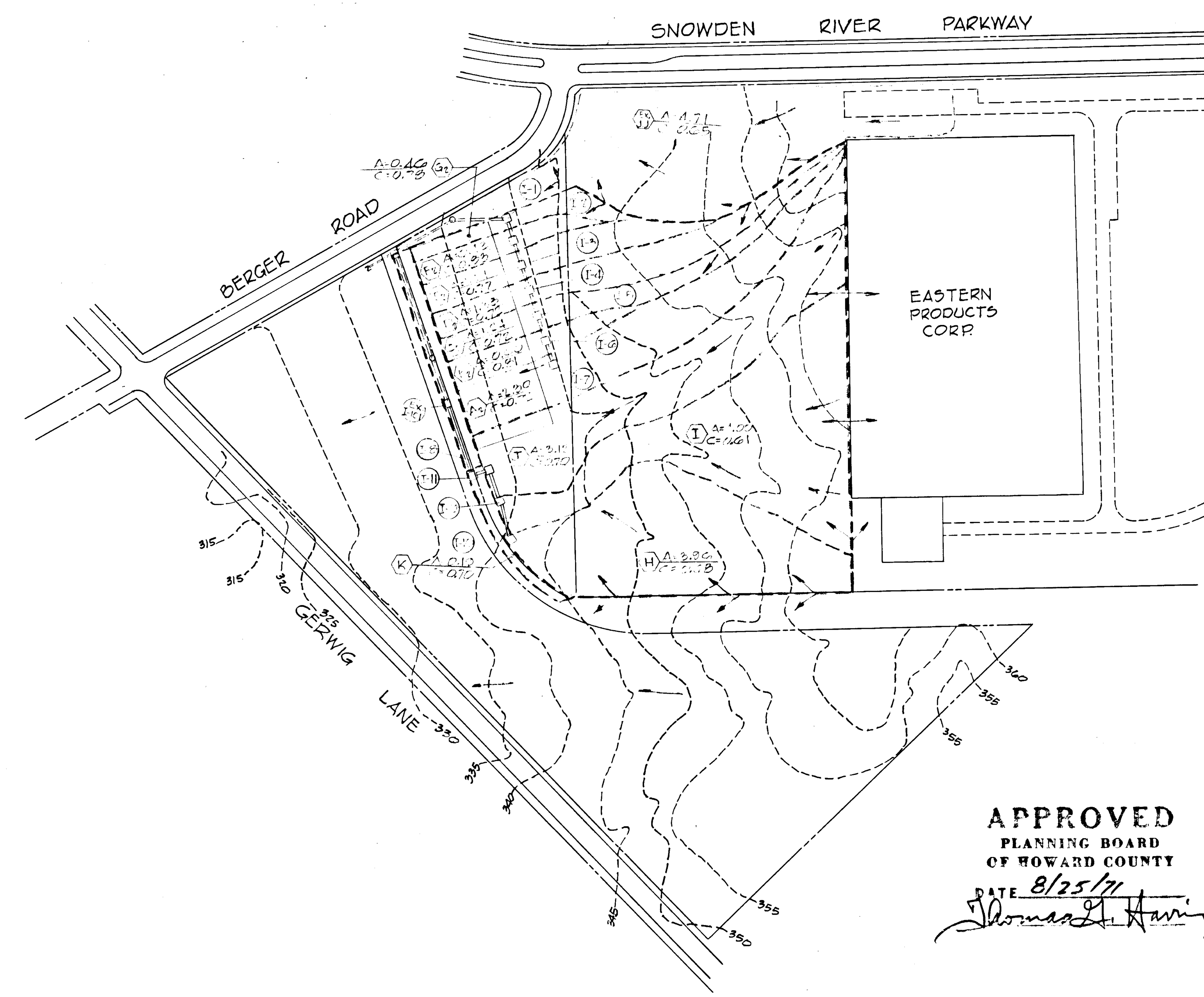




PROFILES

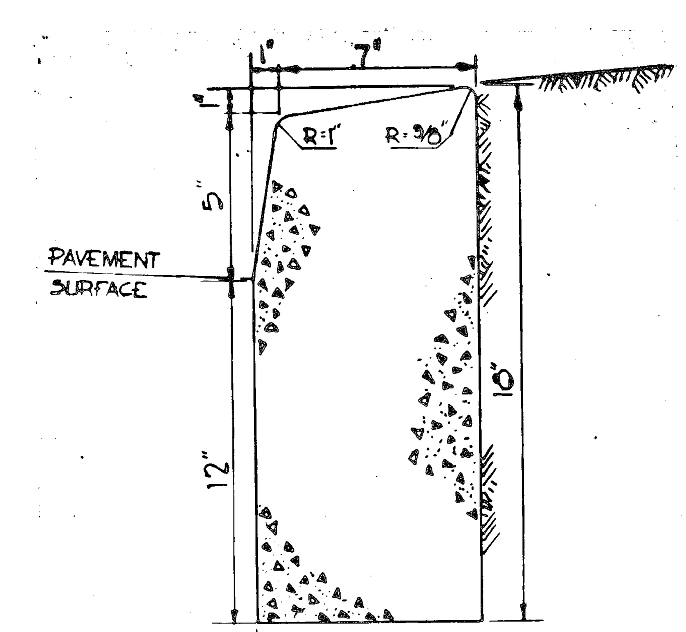
SCALE: HOR. 1"=50' VERT. 1"=5'



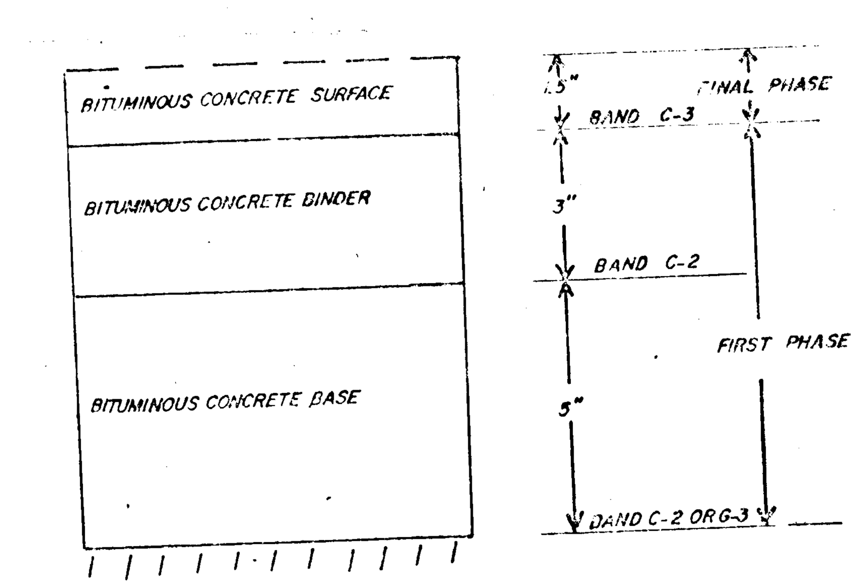
APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 8/25/71
Thomas G. Harris, Jr.

DRAINAGE AREA MAP

Scale: 1"=200'



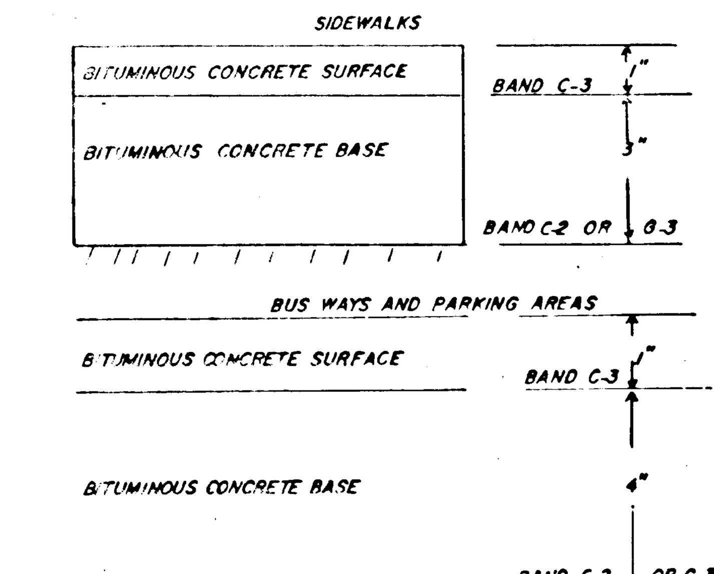
BARRIER CONCRETE CURB
NO SCALE



CLEARING & GRADING	ARTICLE	C-1
SUBGRADE	ARTICLE	C-2
BASE COURSE	ARTICLE	C-31 OR C-33
BINDER COURSE	ARTICLE	C-31
SURFACE COURSE	ARTICLE	C-31

TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS

SIDEWALKS



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

DRWG. D-12 PAGE 37 HOWARD COUNTY STD. DRWGS. DRWG. D-13 PAGE 38
NO SCALE

STORM DRAINAGE STRUCTURE SCHEDULE

NO.	TYPE	LOCATION	INV. IN	INV. OUT	TOP ELEV.	REMARKS
[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]
[illegible]	" "	[illegible]	[illegible]	[illegible]	[illegible]	" "
[illegible]	" " "	"	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	" "	[illegible]	[illegible]	GRATE = [illegible].00	" " " " D-[illegible]
[illegible]	[illegible]	"		[illegible]	[illegible] GRATE-332.00	" " " D-[illegible]
[illegible]	[illegible]	" "	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	"	[illegible]	[illegible]	[illegible]	" " " "
[illegible]	[illegible]	"	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	"	[illegible]	331.57	330.00	[illegible]
[illegible]	" " "	" "	331.45	[illegible]	330.00	" " " "
[illegible]	COMBINATION E	" "	330.61	330.[illegible]	ICP [illegible] GRATE=[illegible]	" " " [illegible]
MH1	STD. MANHOLE	" "	[illegible]	329.05	341.25	" " " D-103 P[illegible]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[signature] Oct 4 1971
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas G. Harris, Jr. 10-4-71
DATE
[signature] 10-4-71
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
W. A. [signature] [illegible]/71
DIRECTOR DATE
[signature] 9/27/71
CHIEF, BUREAU OF HIGHWAYS DATE

RICHARD P. BROWNE ASSOCIATES ENGINEERS COLUMBIA, MD.

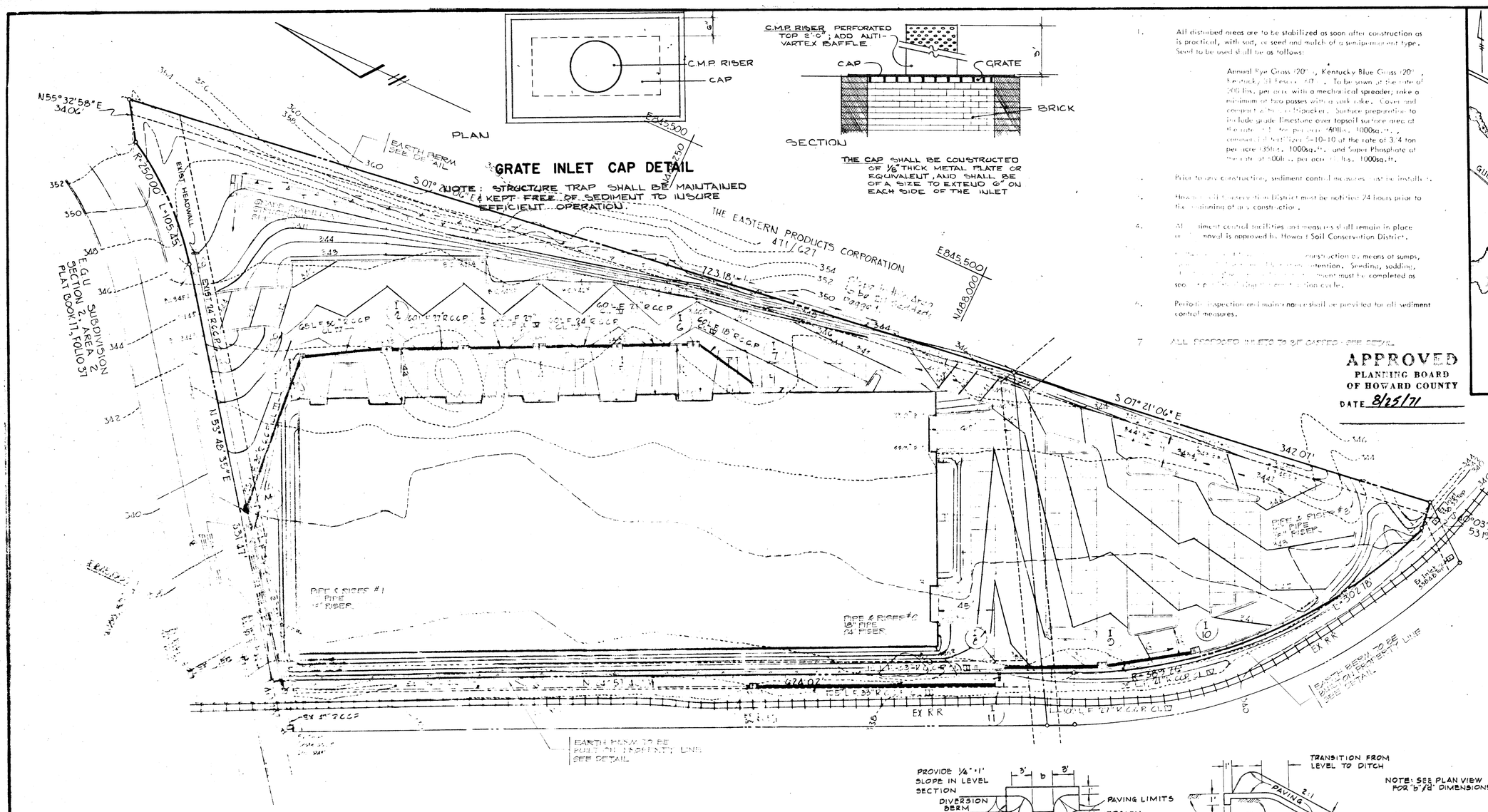
Richard P. Browne
RICHARD P. BROWNE, P.E. & L.S.
MARYLAND LICENSE NO. 5238

9/12/71 Revised S.F.

DRAINAGE AREA MAP & STORM DRAIN PROFILES
E.G.U. SUBDIVISION SECT. 2 AREA 3 LOT 17
6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SHEET 2 OF 3

SDP 71-62-C



GRATE INLET CAP DETAIL

THE CAP SHALL BE CONSTRUCTED OF 1/8" THICK METAL PLATE OR EQUIVALELIT, AUD SHALL BE OF A SIZE TO EXTEUD 6" ON EACH SIDE OF THE INLET

NOTE: STRUCTURE TRAP SHALL BE MAINTAINED AS KEPT FREE OF SEDIMENT TO INSURE EFFICIENT OPERATION.

1. All disturbed areas are to be stabilized as soon after construction as is practical, with sod, or seed and mulch of a semipermanent type. Seed to be used shall be as follows:

   Annual Rye Grass (20%), Kentucky Blue Grass (20%), Kentucky 31 Fescue (40%). To be sown at the rate of 200 lbs. per acre with a mechanical spreader; take a minimum of two passes with a cark rake. Cover and compact with a cultipacker. Surface preparation to include grade limestone over topsoil surface area at the rate of 2 ton per acre (90lbs. 1000sq.ft.), commercial fertilizer 5-10-10 at the rate of 3/4 ton per acre (35lbs. 1000sq.ft. and Super Phosphate at the rate of 400lbs. per acre (9lbs. 1000sq.ft.

2. Prior to any construction, sediment control measures must be installed.

3. Howard Soil Conservation District must be notified 24 hours prior to the beginning of any construction.

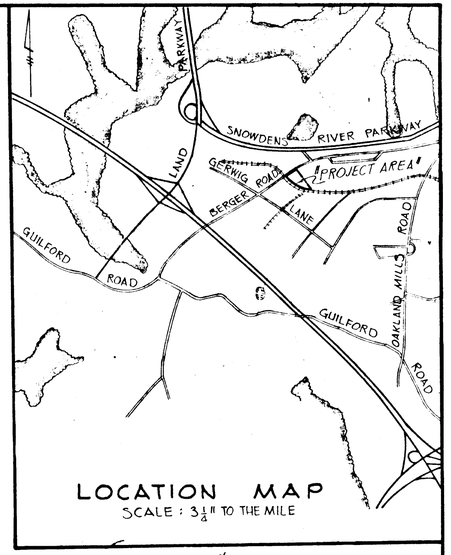
4. All sediment control facilities and measures shall remain in place or removal is approved by Howard Soil Conservation District.

5. [illegible] construction by means of sumps, [illegible] retention, Seeding, sodding, [illegible] ment must be completed as soon as [illegible] construction cycle.

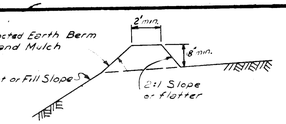
6. Periodic inspection and maintenance shall be provided for all sediment control measures.

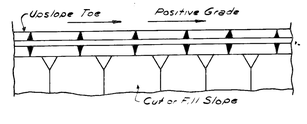
7. ALL PROPOSED INLETS TO BE GATED - SEE DETAIL

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 8/25/71



LOCATION MAP
SCALE : 3 1/4" TO THE MILE





GENERAL NOTES
1) All Berms must be Machine Compacted
2) All Diversion Berms must have Positive Grades Draining to a Stabilized Outlet
3) Diverted Runoff will outlet onto a Stabilized Undisturbed Area.
4) Periodic inspection and Required Maintenence will be Provided.

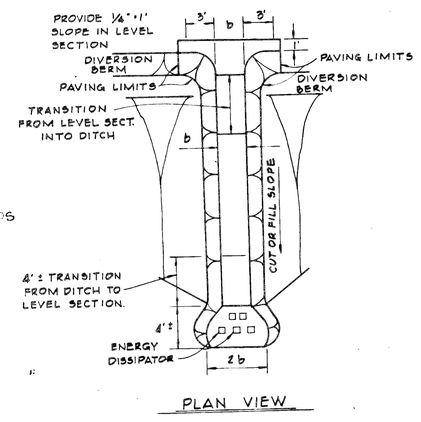
EARTH BERM FINAL
SEE DETAIL

SITE ANALYSIS

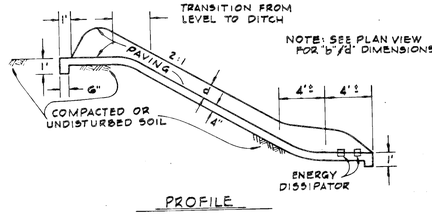
1. TOTAL AREA OF SITE : 5.948 AC.
2. TAX MAP NO. :
3. PARCEL NO. :
4. EXISTING ZONING :
5. TOTAL PARKING SPACES REQUIRED :
6. TOTAL PARKING SPACES PROPOSED :
7. SIZE OF PARKING SPACES :
8. TOPOGRAPHY COMPILED BY ACTUAL FIELD SURVEY.
9. PUBLIC WATER & SEWER TO BE MADE AVAILABLE.
10. FINAL DEVELOPMENT PLAN PHASE 2B & 5B RECORDED IN P.B. 14/16 FOLIOS 62, 118 & 121

LEGEND

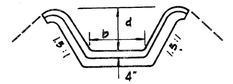
PROPERTY LINE
UTILITY EASEMENT
CENTERLINE OF ROADS



PLAN VIEW



PROFILE



STANDARD CHANNEL CROSS-SECTION

GRADE STABILIZATION STRUCTURE

NOT TO SCALE

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, DIVISION OF LAND DEVELOPMENT — DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 9/24/71
CHIEF, BUREAU OF HIGHWAYS — DATE

Robert J. Aikens — STATE OF MARYLAND — ROBERT JOHN AIKENS — REGISTERED LAND SURVEYOR — 8-5-71

PATAPSCO INDUSTRIAL CENTER
BY Edward & John Partners — 7/6/71

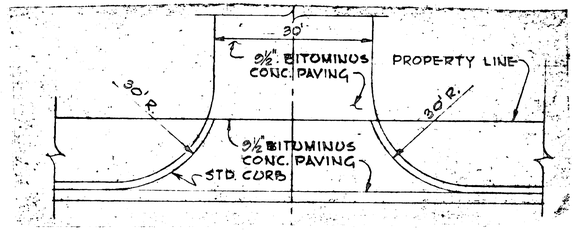
10-4-71
Robert B. Campbell 10-4-71

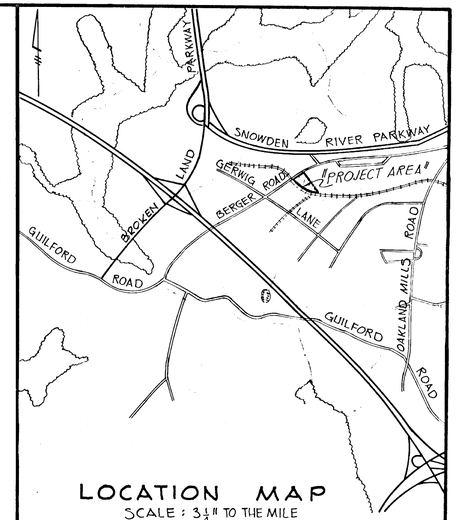
RICHARD P BROWNE ASSOCIATES — ENGINEERS — COLUMBIA, MD.

RICHARD P. BROWNE, P.E. & L.S.
MARYLAND LICENSE NO. 5238

SEDIMENT CONTROL PLAN
E.G.U. SUBDIVISION SECT. 2 AREA 3 LOT 17
6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SHEET 3 OF 3





LOCATION MAP
SCALE : 3¼" TO THE MILE

N55°32'58"E 340.06'

R=750.00' L=105.45'

S 07° 21' 06" E

EXIST. 10' E&M.T. FOR UTILITIES

723.18'

THE EASTERN PRODUCTS CORPORATION
471/627

E845,500

N488,250

E845,500

N488,000

S 07° 21' 06" E

342.07'

S 40°03'30"W 53.19'

EXIST. 20' DRAINAGE E&M'T.

E.G.U. SUBDIVISION
SECTION 2, AREA 3
PLAT BOOK 21, FOLIO 87

BERGER ROAD

E.G.U. SUBDIVISION
SECTION 2, AREA 3
PLAT 1500K 17, FOLIO 37

ONE STORY STEEL AND MASONRY
WAREHOUSE & OFFICE BUILDING
FINISHED FLOOR ELEV. 348.27

9505 BERGER RD

2.5" BIT. PAVING (SEE DETAIL)

E.BIT. PAVING (SEE DETAIL)

BARRIER CURB

EXIST. 15" C.M.P.

EXIST. 42" R.C.C.P.

EXIST. 36" R.C.C.P.

EXIST. 18" R.C.C.P.

EXIST. 12" R.C.C.P.

EXIST. 24" R.C.C.P.

EXIST. 30" R.C.C.P.

EXIST. 21" R.C.C.P.

EXIST. HEADWALL

EXIST. CURB INLET

EXIST. MH

N 24° 51' 40" W 624.02'

165' L.F. 33" R.C.C.P. CL III

100' L.F. 27" R.C.C.P. CL III

R=389.26'

EX. RR

LOT 15

LOT 16
E.G.U. SUBDIVISION
SECTION 2, AREA 3

NOTE: SEE PLANNING BOARD CASE No. 16 (APPD 8-11-71) FOR SETBACK APPROVAL

PLAN
SCALE: 1"=40'

All disturbed areas are to be stabilized as soon after construction as is practical, with sod, or seed and mulch of a semipermanent type. Seed to be used shall be rye, rye grass or sudan grass.

Prior to any construction, sediment control measures must be installed.

Howard Soil Conservation District must be notified 24 hours prior to the beginning of any construction.

All sediment control facilities and measures shall remain in place until removal is approved by Howard Soil Conservation District.

Sediment control is required during construction by means of sumps, berms, or ditches to provide surface retention. Seeding, sodding, planting, or other approved surface treatment must be completed as soon as possible during the construction cycle.

Areas to be seeded within road right-of-way shall use a seed mixture as follows; Annual Rye Grass (20%), Kentucky Blue Grass (20%), Kentucky 31 Fescue (60%). To be sown at the rate of 200 lbs. per acre with a mechanical spreader; rake a minimum of two passes with a york rake. Cover and compact with a cultipacker. Surface preparation to include grade limestone over topsoil surface area at the rate of 1½ ton per acre (60lbs./1000sq. ft.), commercial fertilizer 5-10-10 at the rate of 3/4 ton per acre (35lbs./1000 sq. ft.) and Super Phosphate at the rate of 600lbs. per acre (15lbs./1000 sq. ft.)

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 8/25/71
Thomas J. Harris Jr.

SITE ANALYSIS

1. TOTAL AREA OF SITE : 5.948 AC.
2. TAX MAP NO. : 42
3. PARCEL NO. : 17
4. EXISTING ZONING : M.T EMPLOYMENT CENTER INDUST.
5. TOTAL PARKING SPACES REQUIRED : 70
6. TOTAL PARKING SPACES PROPOSED : 87
7. SIZE OF PARKING SPACES : 10'x20' 200 SQ.FT MIN.
8. TOPOGRAPHY COMPILED BY ACTUAL FIELD SURVEY.
9. PUBLIC WATER & SEWER TO BE MADE AVAILABLE.
10. FINAL DEVELOPMENT PLAN PHASE 55 & 85 RECORDED IN P.B. 10 F.10 FOLIOS 118-121, & 131-139
11. THIS PLAT IS RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN PLAT BOOK 21 FOLIO 30.
12. TOTAL EMPLOYEES - 140
13. MAXIMUM HEIGHT OF BLDG. - 25'

LEGEND

PROPERTY LINE
UTILITY EASEMENT
CENTERLINE OF ROADS

E.G.U. SUBDIVISION
SECTION 2, AREA 2
PLAT BOOK 17, FOLIO 37

OWNER & DEVELOPER
PATAPSCO INDUSTRIAL CENTER
1440 RUXTON RD.
TOWSON, MARYLAND 21204

CERTIFICATION BY REGISTERED LAND SURVEYOR
I CERTIFY THAT THE PLAN OF DEVELOPMENT & THE PLAN OF SILT AND EROSION CONTROL MEET THE REQUIREMENTS STANDARDS & SPECIFICATIONS OF THE HOWARD SOIL CONSERVATION DISTRICT
Robert J. Aikens — 8-5-71
SIGNATURE — DATE

CERTIFICATION BY DEVELOPER
I CERTIFY THAT ALL DEVELOPMENT AND OR CONSTRUCTION WILL BE DONE ACCORDING TO THE PLAN OF DEVELOPMENT & PLAN OF SILT SEDIMENT CONTROL
PATAPSCO INDUSTRIAL CENTER
By Edward St. John Porter — 9/6/71
SIGNATURE — DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
John A. Hertz — 9/19/71
HEALTH OFFICER — DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas J. Harris Jr. — 10-4-71
DIRECTOR — DATE
Jay Clemins — 10-4-71
CHIEF, BUREAU OF LAND DEVELOPMENT — DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
W.O. Coleman — 9/24/71
DIRECTOR — DATE
H. Rutland — 9/24/71
CHIEF, BUREAU OF HIGHWAYS — DATE

RICHARD P. BROWNE ASSOCIATES — ENGINEERS — COLUMBIA, MD.
SUITE 201 OAKLAND MILLS MD. 21045
JULY 1, 1971

Richard P. Browne
RICHARD P. BROWNE, P.E. & L.S.
MARYLAND LICENSE NO. 5238

7-19-71 NEW PERIM.
8-4-71 ADDENT.
8-5-71 PER HOW.
8-27-71 REVISIONS

SITE DEVELOPMENT PLAN
E.G.U. SUBDIVISION SECT. 2 AREA 3 LOT 17
4th ELECTION DISTRICT — HOWARD COUNTY, MARYLAND

SHEET 1 OF 2

S.D.P. 72-02-C