

BRIDGEWATER

SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SECTION I AREA 1

APPROVED DEPARTMENT OF PUBLIC WORKS
James B. Ryan 5-2-88
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED OFFICE OF PLANNING AND ZONING
James H. Harte 5/16/88
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED DEPARTMENT OF PUBLIC WORKS
Melinda K. H. 4-26-88
 CHIEF, LAND DEVELOPMENT DIVISION DATE

Franklin W. W. 4/26/88
 CHIEF, BUREAU OF HIGHWAYS DATE

GENERAL NOTES

- 1.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS, SPECIFICATIONS, AND DETAILS FOR CONSTRUCTION
- 2.) ALL UTILITY COMPANIES MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY CONSTRUCTION
- 3.) ALL INLETS SHALL BE HOWARD COUNTY STANDARDS UNLESS OTHERWISE SHOWN ALL "A" INLETS SHALL BE DEPRESSED.
- 4.) STORM DRAIN TRENCHES WITHIN ROAD RIGHTS-OF-WAYS SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE.
- 5.) ANY DAMAGE TO PUBLIC RIGHTS-OF-WAYS OR PAVING WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE
- 6.) CONTRACTOR TO NOTIFY THE HOWARD COUNTY DEPT OF INSPECTION AT LEAST 3 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS.
 TELEPHONE: 792-7272
- 7.) ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN COMPLIANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, CURRENT REVISED EDITION.
- 8.) THE GRADING INDICATED HEREON IS FOR ROAD CONSTRUCTION ONLY. FUTURE GRADING FOR DEVELOPMENT PURPOSES WILL NOT CREATE LOTS LESS THAN THE MINIMUM LOT SIZE ALLOWED AS DEFINED IN ZONING REGULATIONS SECTION 103. A. 67.

BENCH MARKS

- B.M.#1** ELEV.= 473.60
 TRAVERSE STATION "R-102", 1/2" REBAR SET APPROXIMATELY 36' OFF OF THE REAR LOT LINE IN LOT NUMBER 43. FOR LOCATION SEE SHEET 6.
- B.M.#2** ELEV.= 461.36
 TRAVERSE STATION "R-111", 1/2" REBAR SET APPROXIMATELY 30' OFF OF THE REAR LOT LINE IN LOT NUMBER 4. FOR LOCATION SEE SHEET 6.

♦ Denotes 250 Watt Mercury Vapor Lamp Pendant Mounted Fixtures On 1 3/8" Galvanized Steel Pole Located No Less Than 6' From Edge Of Pavement At The Following Locations:

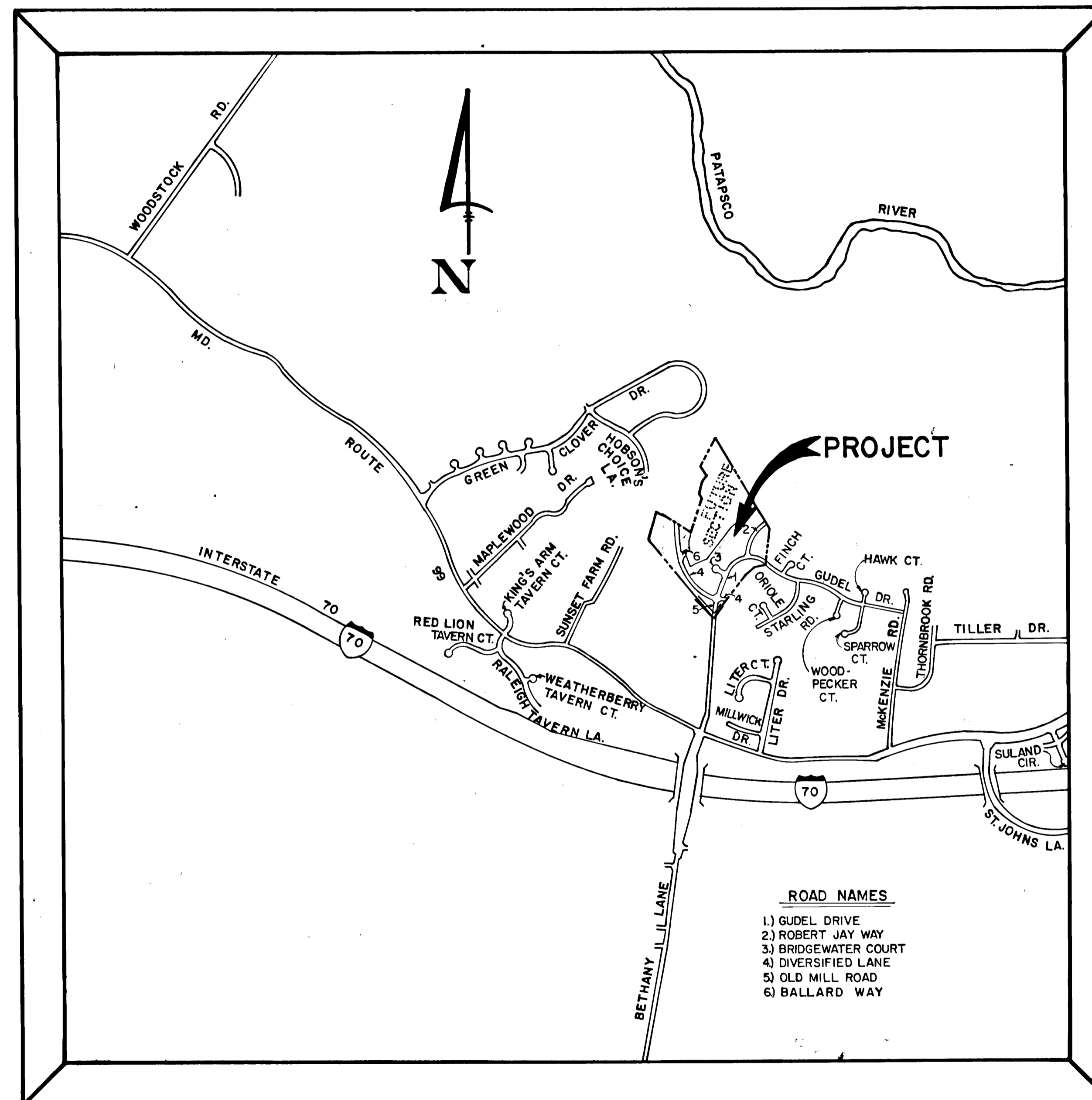
- 1) Intersection Of Robert Jay Way & Gudel Drive N.E. Corner
- 2) @ Sta. 19+50 Old Mill Road East Side
- 3) Intersection Of Gudel Drive And Bridge Water Court SW. Corner.

♦ Denotes 175 Watt Modern Mercury Vapor Lamp Post Top Fixtures On 1 1/2" Fiberglass Pole Located 2'-10" From Back Of Curb At The Following Locations:

- 1) @ Sta. 1+50 Robert Jay Way North Side.
- 2) @ Sta. Diversified Lane North Side 1+50
- 3) Intersection Diversified Lane And Ballard Way SE. Corner.

INDEX OF SHEETS

- 1.) TITLE SHEET
- 2.) ROBERT JAY WAY-PLAN AND PROFILE, GUEL DRIVE-PLAN, BRIDGEWATER COURT-PROFILE
- 3.) GUEL DRIVE - PLAN AND PROFILE, BRIDGEWATER COURT - PLAN, DIVERSIFIED LANE - PLAN, OLD MILL ROAD-PLAN AND PROFILE
- 4.) DIVERSIFIED LANE-PLAN AND PROFILE, BALLARD WAY - PLAN
- 5.) DIVERSIFIED LANE - PROFILES, OLD MILL ROAD-PROFILE, ROADWAY SECTION, DETAILS AND NOTES
- 6.) DRAINAGE AREA MAP, BALLARD WAY -PROFILE
- 7.) STORM DRAIN PROFILES
- 8.) STREET TREE, GRADING AND SEDIMENT CONTROL PLAN
- 9.) STREET TREE, GRADING AND SEDIMENT CONTROL PLAN



- ROAD NAMES**
- 1) GUEL DRIVE
 - 2) ROBERT JAY WAY
 - 3) BRIDGEWATER COURT
 - 4) DIVERSIFIED LANE
 - 5) OLD MILL ROAD
 - 6) BALLARD WAY

THE HORIZONTAL AND VERTICAL CONTROL IS BASED ON THE FOLLOWING HOWARD COUNTY CONTROL STATIONS:

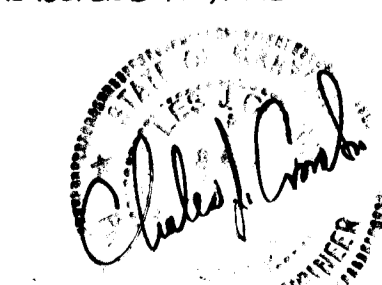
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	853785.274
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VICINITY MAP
 SCALE: 1"=1200'

FISHER, COLLINS AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043

OWNER AND DEVELOPER
 T.R.I. PROPERTY PARTNERSHIP
 8307 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043

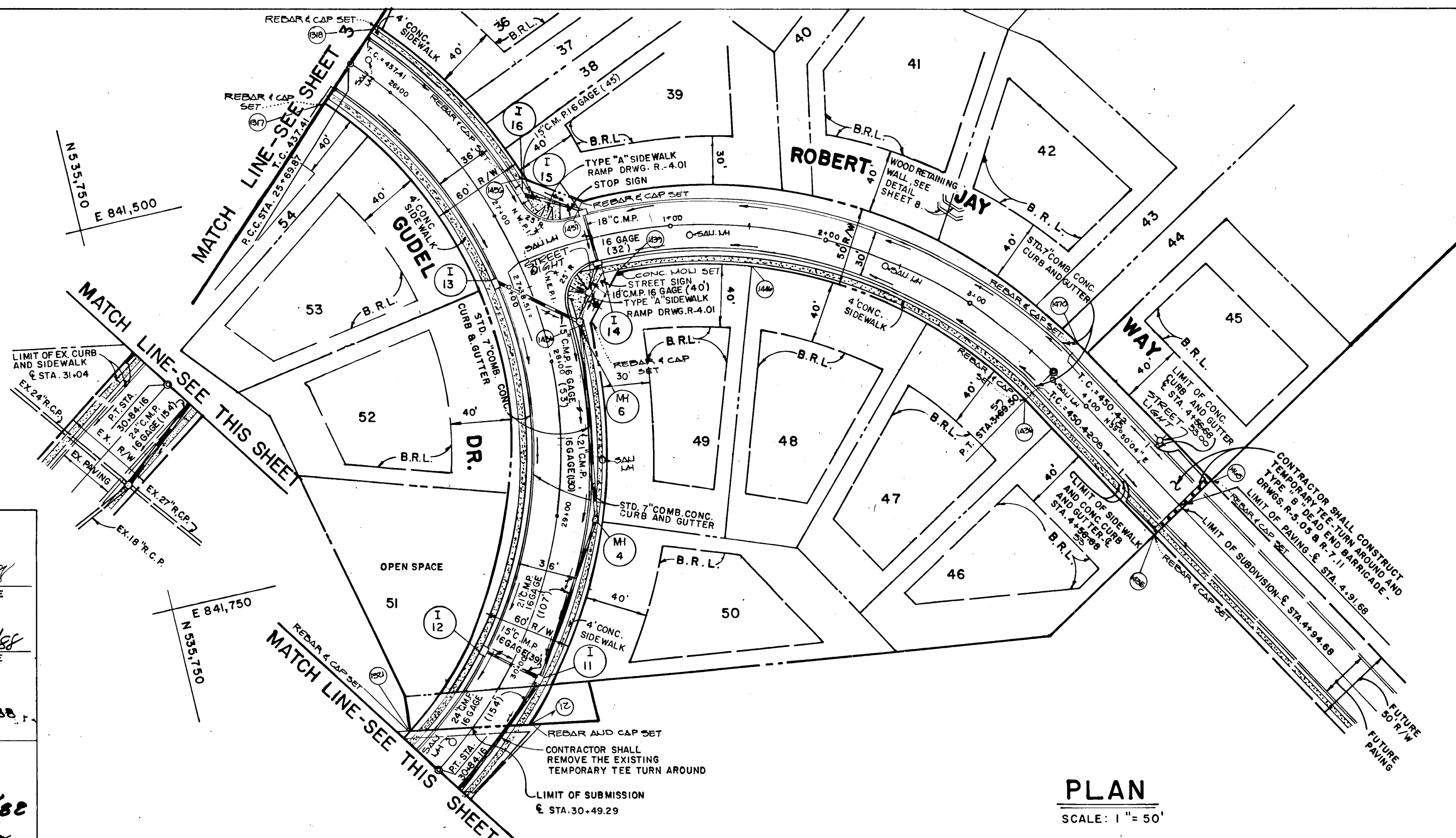
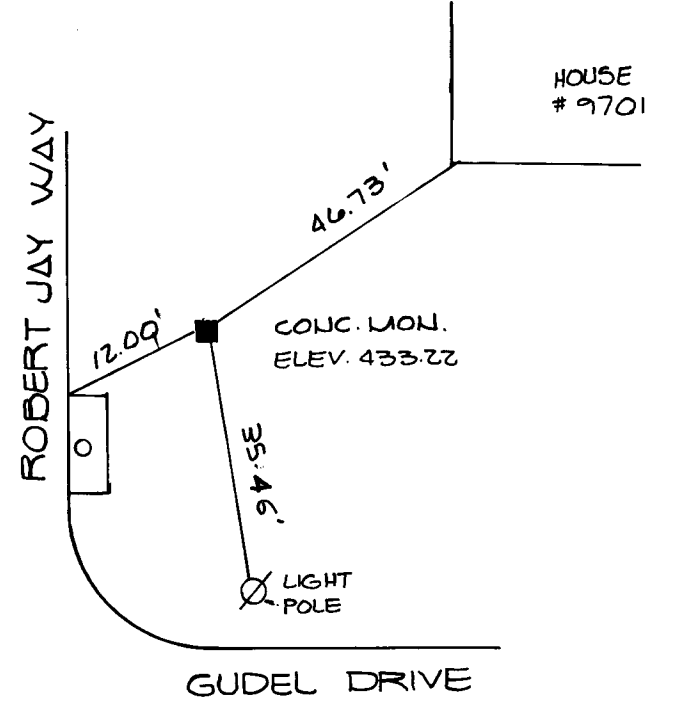
AS-BUILT SURVEY CERTIFIED BY
 CHARLES J. GROVO, MD PE Lic. 13204
 ON NOVEMBER 11, 1990.



DWG. No. 1043

GUDEL DRIVE
☉ CURVE DATA
 ☉ STA. 25+69.87 TO ☉ STA. 30+84.16
 R = 300.00'
 L = 514.23'
 Δ = 98°15'22"
 T = 346.47'
 CHD. = 683°35'47" E, 453.55'

ROBERT JAY WAY
☉ CURVE DATA
 ☉ STA. 0+00.00 TO ☉ STA. 3+69.50
 R = 301.00'
 L = 369.50'
 Δ = 70°20'04"
 T = 212.07'
 CHD. = N24°40'02" E, 346.73'



PLAN
 SCALE: 1" = 50'

APPROVED DEPARTMENT OF PUBLIC WORKS
[Signature] 4/28/88
 CHIEF, LAND DEVELOPMENT DIVISION DATE

[Signature] 4/28/88
 CHIEF, BUREAU OF HIGHWAYS DATE

[Signature] 5/2/88
 CHIEF, OFFICE OF PLANNING AND ZONING DATE

[Signature] 5/4/88
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

BRIDGE WATER SECTION I AREA I
 LOTS 1-60
 SECOND ELECTION DISTRICT HOWARD COUNTY, MD.

ROBERT JAY WAY GUDEL DR. BRIDGEWATER CT.
 PLAN & PROFILE PLAN PROFILE

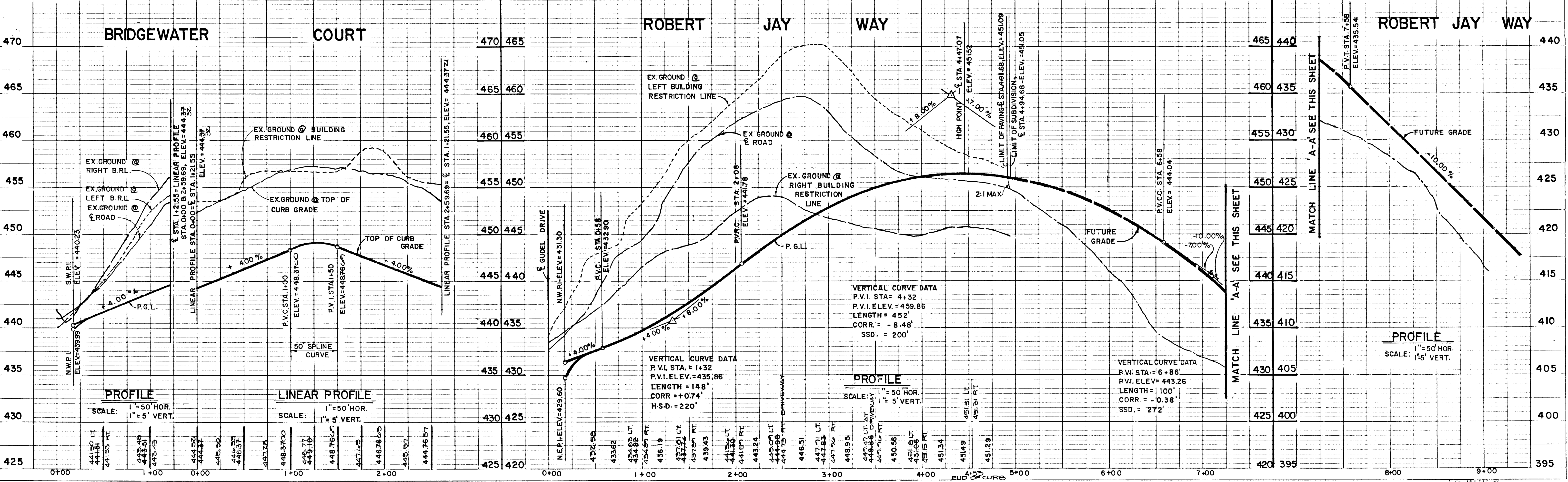
OWNER AND DEVELOPER
 T.R.I. PROPERTY PARTNERSHIP
 8307 MAIN STREET
 ELLICOTT CITY MARYLAND 21043

SCALE AS SHOWN DATE JAN. 29, 1988 DWG. NO. 2 OF 9
 DES. R. ISAACS DRN. S. BOOTH CHY. C. GROVO, SR.

FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 8389 COURT AVE ELLICOTT CITY, MARYLAND 21043

AS-BUILT SURVEY CERTIFIED BY
 CHARLES J. GROVO, L.D., P.E., NO. 15204
 ON NOVEMBER 11, 1990.

[Signature]
 CHARLES J. GROVO SR. DATE



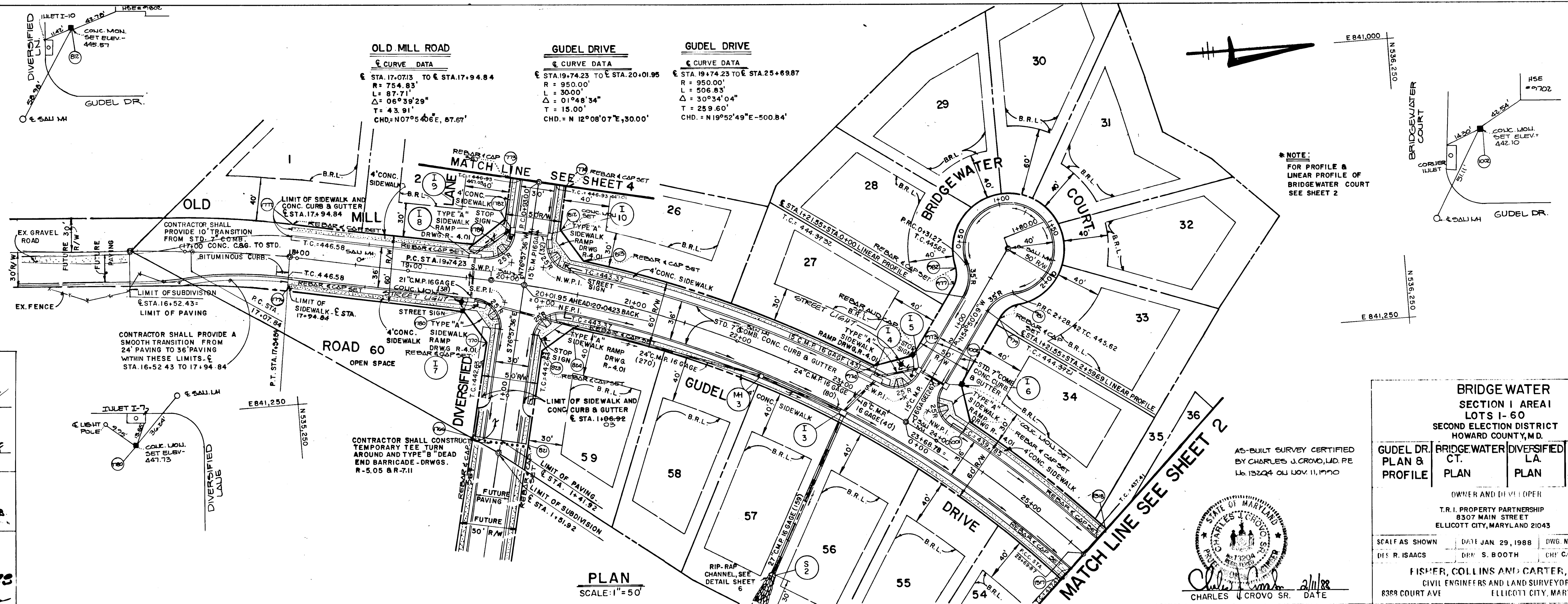
PROFILE
 SURVEYED, GRADES CHECKED, STRUCTURE NOTING OK'D
 NOTE BOOK NO.

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

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

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

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



ROAD	STATION	DATA
OLD MILL ROAD	ST. 17.0713 TO ST. 17.9484	R = 754.85' L = 87.71' Δ = 06°39'29" T = 43.91' CHD = N 07°05'46" E, 87.67'
	ST. 19.7423 TO ST. 20.0195	R = 950.00' L = 300.00' Δ = 01°48'34" T = 15.00' CHD = N 12°08'07" E, 300.00'
	ST. 19.7423 TO ST. 25+69.87	R = 950.00' L = 506.83' Δ = 30°34'04" T = 259.60' CHD = N 19°52'49" E, 500.84'
	ST. 25+69.87 TO ST. 25+69.87	

PLAN
SCALE: 1" = 50'

*NOTE:
FOR PROFILE &
LINEAR PROFILE OF
BRIDGE WATER COURT
SEE SHEET 2

BRIDGE WATER SECTION I AREA 1 LOTS 1-60
SECOND ELECTION DISTRICT HOWARD COUNTY, M.D.

GUDEL DR. PLAN & PROFILE	BRIDGE WATER DIVERSIFIED CT. PLAN	OLD MILL RD. PLAN & PROFILE
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OWNER AND DEVELOPER:
T.R.I. PROPERTY PARTNERSHIP
8307 MAIN STREET
ELICOTT CITY, MARYLAND 21043

SCALE AS SHOWN DATE JAN 29, 1988 DWG. NO. 3 OF 9
DIS. R. ISAACS DRW. S. BOOTH CHG. C. CROVO, SR.

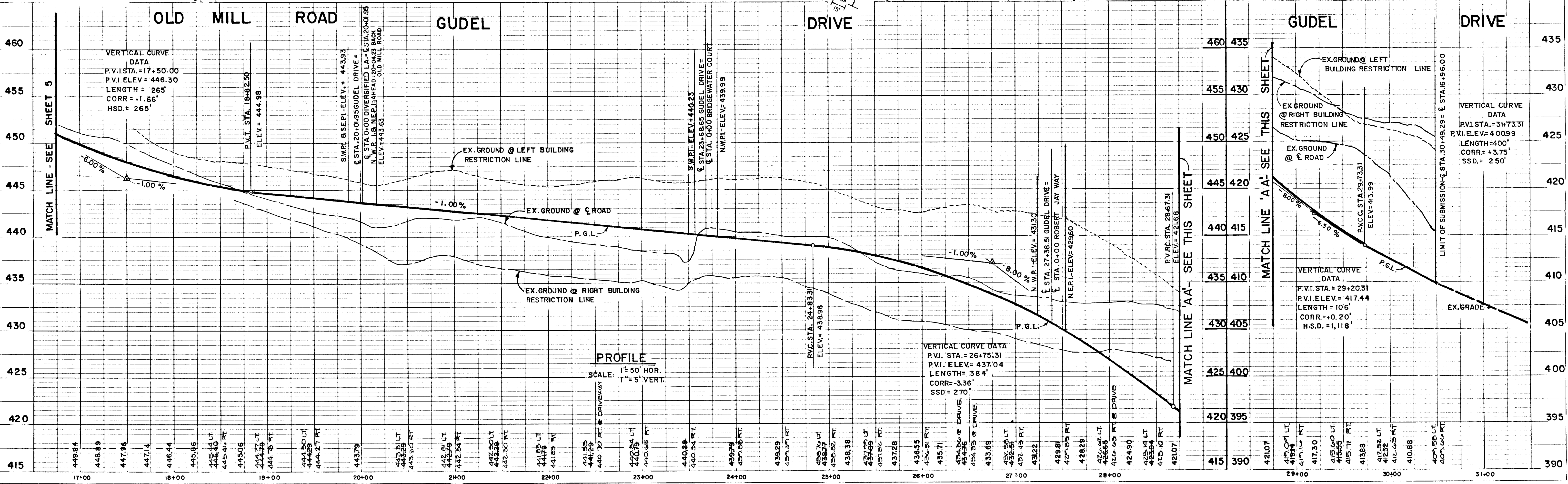
FISHER, COLLINS AND CARTER, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
8388 COURT AVE
ELICOTT CITY, MARYLAND 21043

APPROVED
DEPARTMENT OF PUBLIC WORKS
M. J. Smith 4/28/88
CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED
DEPARTMENT OF PUBLIC WORKS
Francis W. Weiland 4/28/88
CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED
DEPARTMENT OF PUBLIC WORKS
William E. Ray 5-2-88
DATE

APPROVED
OFFICE OF PLANNING AND ZONING
James Beatty 5/1/88
COMMUNITY PLANNING AND LAND DEVELOPMENT DATE



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

VERTICAL CURVE DATA

P.V.I. STA. = 26+75.31
P.V.I. ELEV. = 437.04
LENGTH = 384'
CORR. = -3.36'
SSD = 270'

VERTICAL CURVE DATA

P.V.I. STA. = 17+50.00
P.V.I. ELEV. = 446.30
LENGTH = 265'
CORR. = +1.66'
HSD = 265'

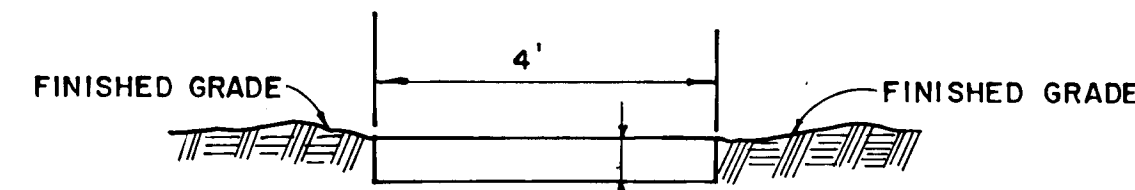
VERTICAL CURVE DATA

P.V.I. STA. = 31+73.31
P.V.I. ELEV. = 400.99
LENGTH = 400'
CORR. = +3.75'
SSD = 250'

PLAN
NO. 1
SURVEYED, ALIGNED, CHECKED, PLOTTED, BY: M. J. SMITH, DATE: 4/28/88

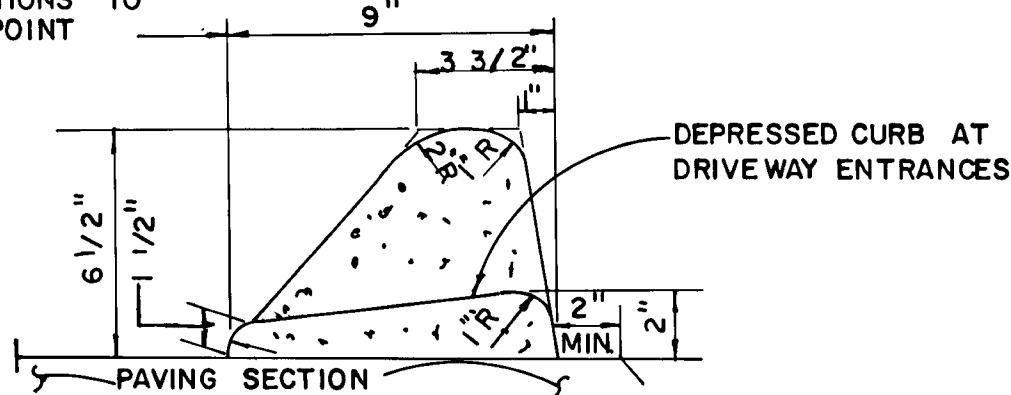
PROFILE
NO. 1
SURVEYED, GRADES CHECKED, BY: M. J. SMITH, DATE: 4/28/88

1356

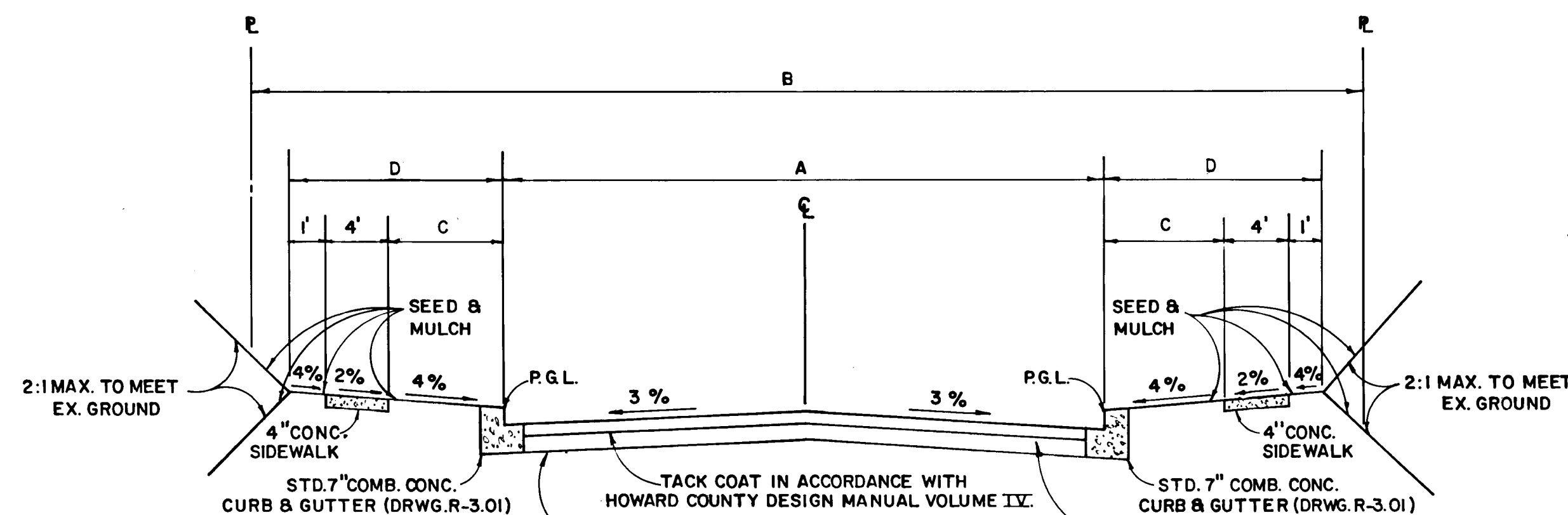


MACADAM WALKWAY DETAIL
NO SCALE

PAVEMENT WIDTH INDICATED ON TYPICAL STREET SECTIONS TO BE MEASURED TO THIS POINT

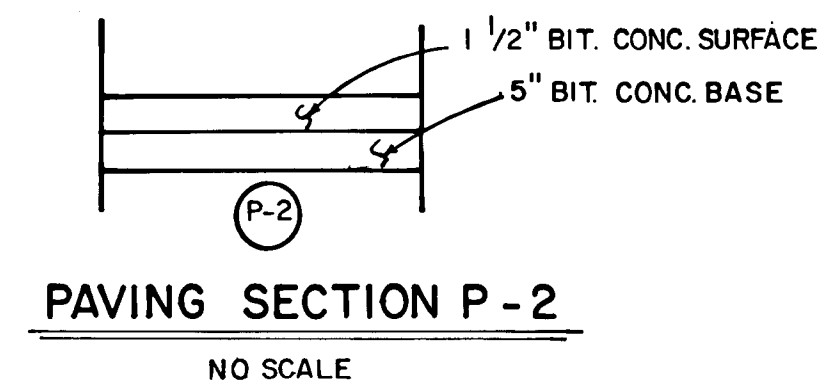


STANDARD BITUMINOUS CURB
NO SCALE

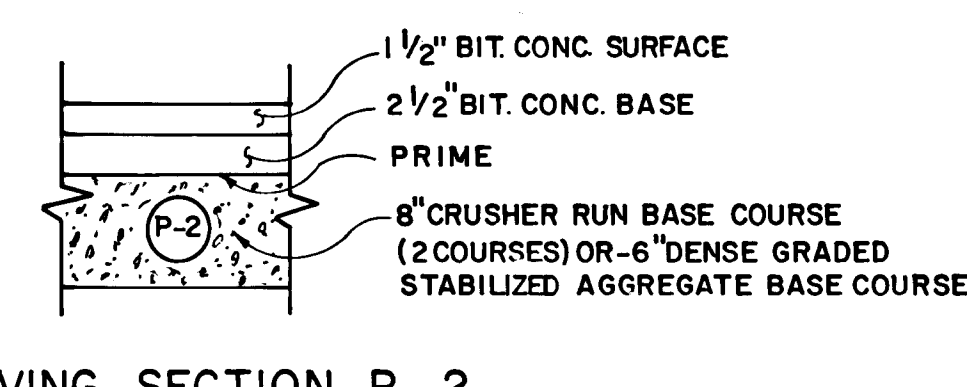


TYPICAL ROADWAY SECTION
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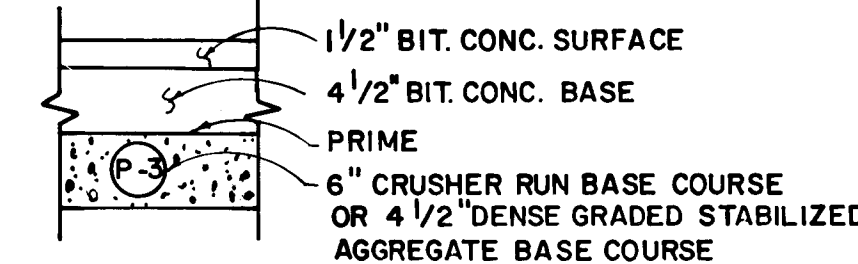
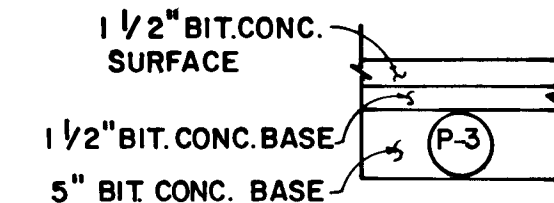
NOTE:
ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL VOLUME III STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.



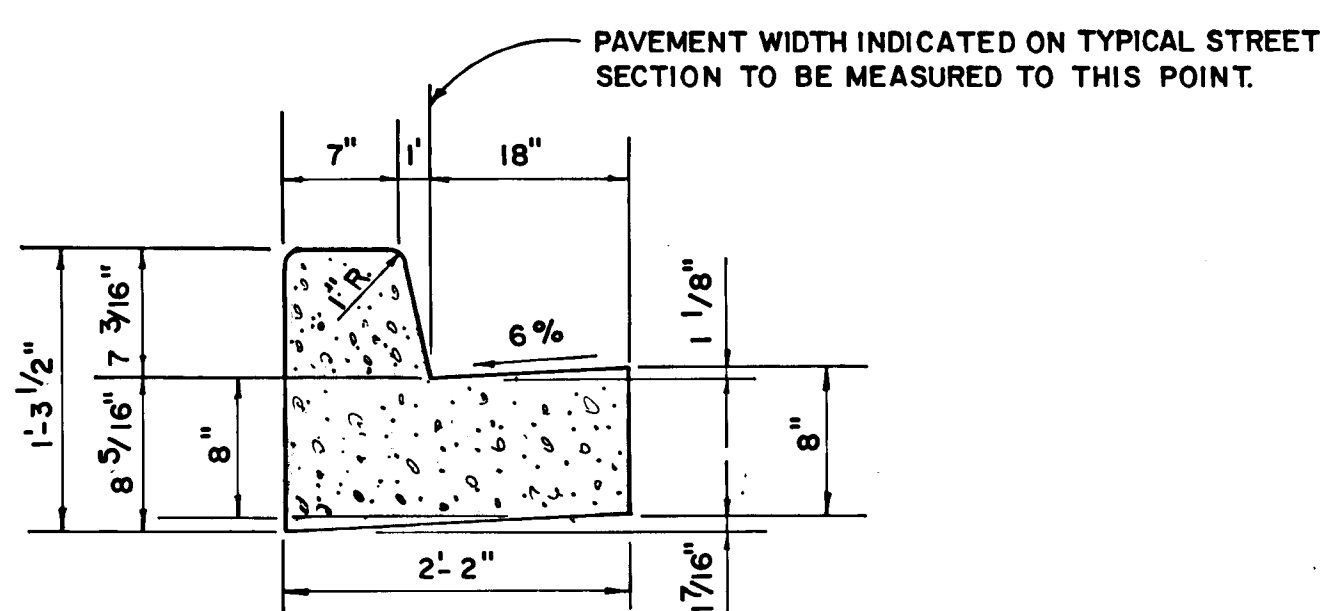
PAVING SECTION P-2
NO SCALE



PAVING SECTION P-2
NO SCALE



PAVING SECTION P-3
NO SCALE



STANDARD SLOPE 7" COMB. CONC. CURB & GUTTER
NO SCALE

ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	A	B	C	D	STATION LIMITS	PAVING SECTION
GUDEL DRIVE	MINOR COLLECTOR	35 M.P.H.	R-20	36'	60'	7'	12'	20+01.95 TO 30+57.31	P-3
ROBERT JAY WAY	LOCAL ROAD	30 M.P.H.	R-20	30'	50'	4'	9'	0+00 TO 4+91.68	P-2
DIVERSIFIED LANE	LOCAL ROAD	30 M.P.H.	R-20	30'	50'	4'	9'	0+00 TO 11+86.44	P-2
DIVERSIFIED LANE	LOCAL ROAD	30 M.P.H.	R-20	30'	50'	4'	9'	0+00 TO 1+41.92	P-2
BALLARD WAY	LOCAL ROAD	30 M.P.H.	R-20	30'	50'	4'	9'	0+00 TO 1+20.92	P-2
BRIDGEWATER COURT	CUL-DE-SAC	25 M.P.H.	R-20	28'	50'	4'	9'	0+00 TO 1+21.55	P-2
OLD MILL ROAD	MINOR COLLECTOR	35 M.P.H.	R-20	36'	60'	7'	12'	16+52.43 TO 20+01.95	P-3

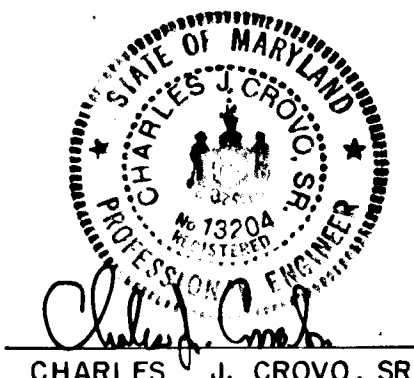
BRIDGE WATER SECTION I AREA 1 LOTS 1-60 SECOND ELECTION DISTRICT HOWARD COUNTY, MD.

DIVERSIFIED LANE TYPICAL ROADWAY SECTION AND DETAILS OLD MILL ROAD PROFILE

T.R.I. PROPERTY PARTNERSHIP 8307 MAIN STREET ELLICOTT CITY, MARYLAND 21043

SCALE AS SHOWN DATE JAN 29, 1988 DWG. NO. 5 OF 9 DES. R. ISAACS DRN. S. BOOTH CHK. R.B. CARTER

FISHER, COLLINS AND CARTER, INC. CIVIL ENGINEERS AND LAND SURVEYORS 8388 COURT AVE ELLICOTT CITY, MARYLAND 21043

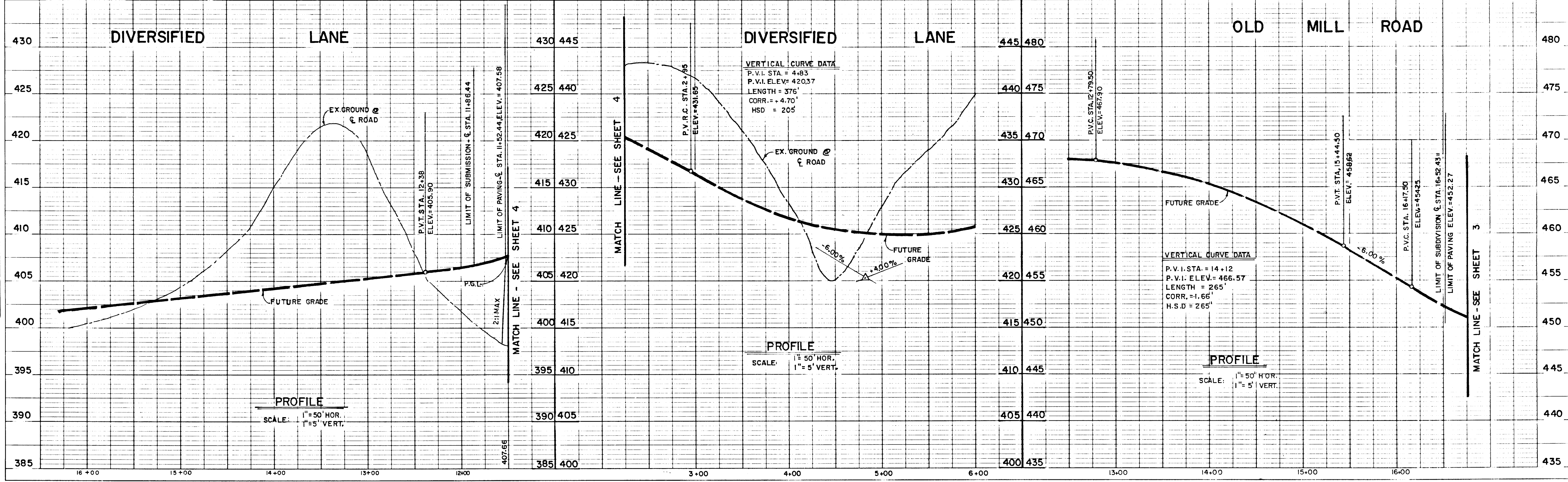


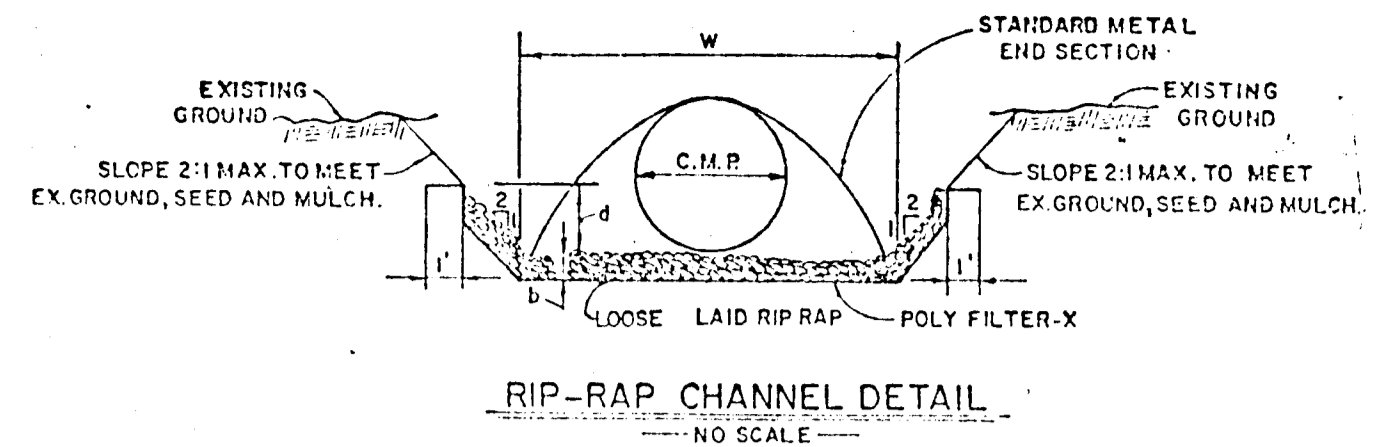
APPROVED DEPARTMENT OF PUBLIC WORKS
M. J. ... 4/28/88
CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED DEPARTMENT OF PUBLIC WORKS
William M. McLeod 4/28/88
CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED DEPARTMENT OF PUBLIC WORKS
William E. Riley 5-2-88
DATE

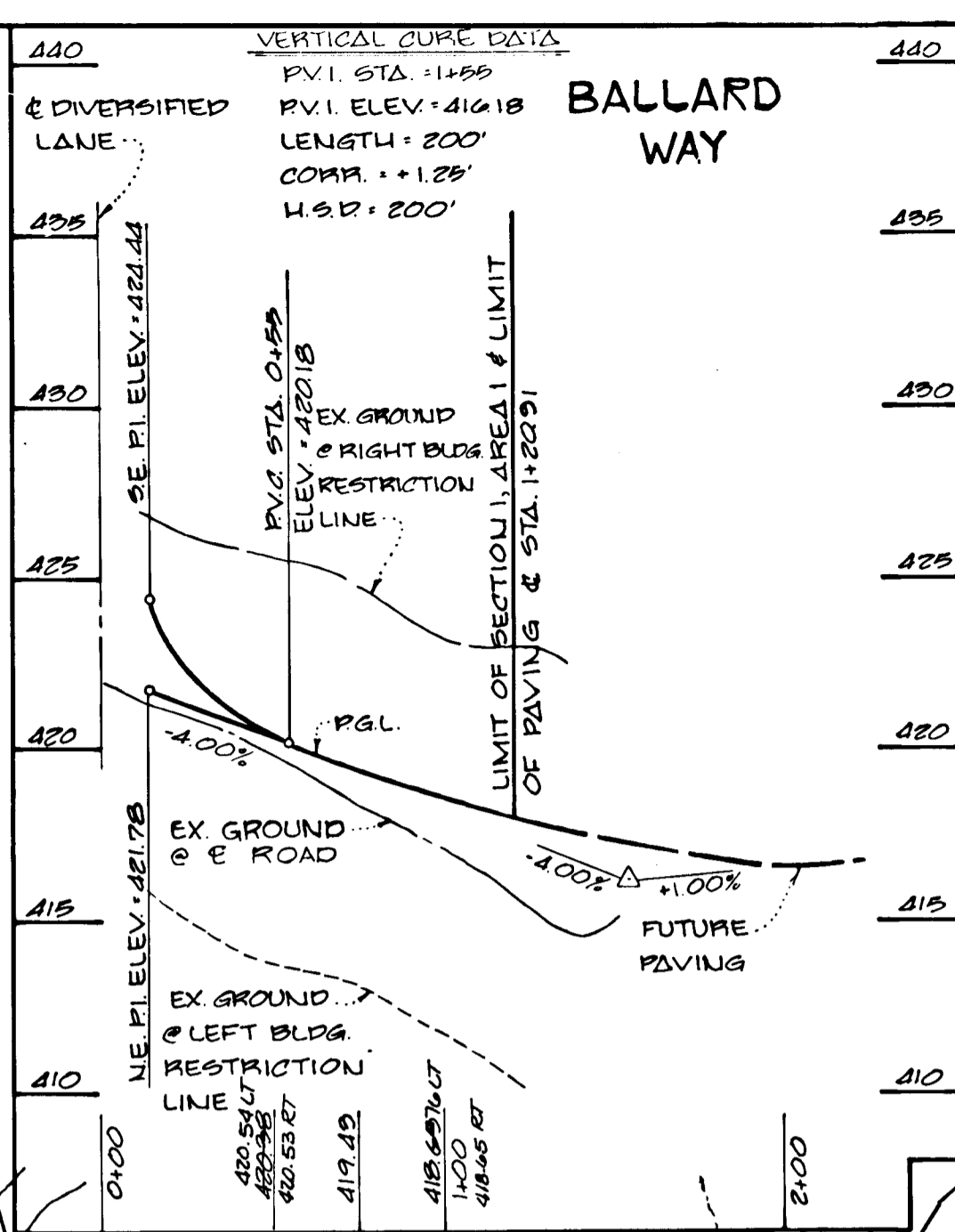
APPROVED OFFICE OF PLANNING AND ZONING
... 5/1/88
DATE





RIP RAP CHANNEL DESIGN DATA

STRUCTURE	A'	P'	R	R 2/3	S	S 1/2	n	Q	v	d	w	SP RAP SIZE	b
S-1	2.93	6.55	4.474	.5834	1.00%	.1000	.04	6.35 c.f.s.	2.17 f.p.s.	0.57'	4.0'	6"	9" 14"
S-2	7.27	10.44	6.965	.7848	1.00%	.1000	.04	21.23 c.f.s.	2.92 f.p.s.	0.88'	6.5'	6"	9" 14"

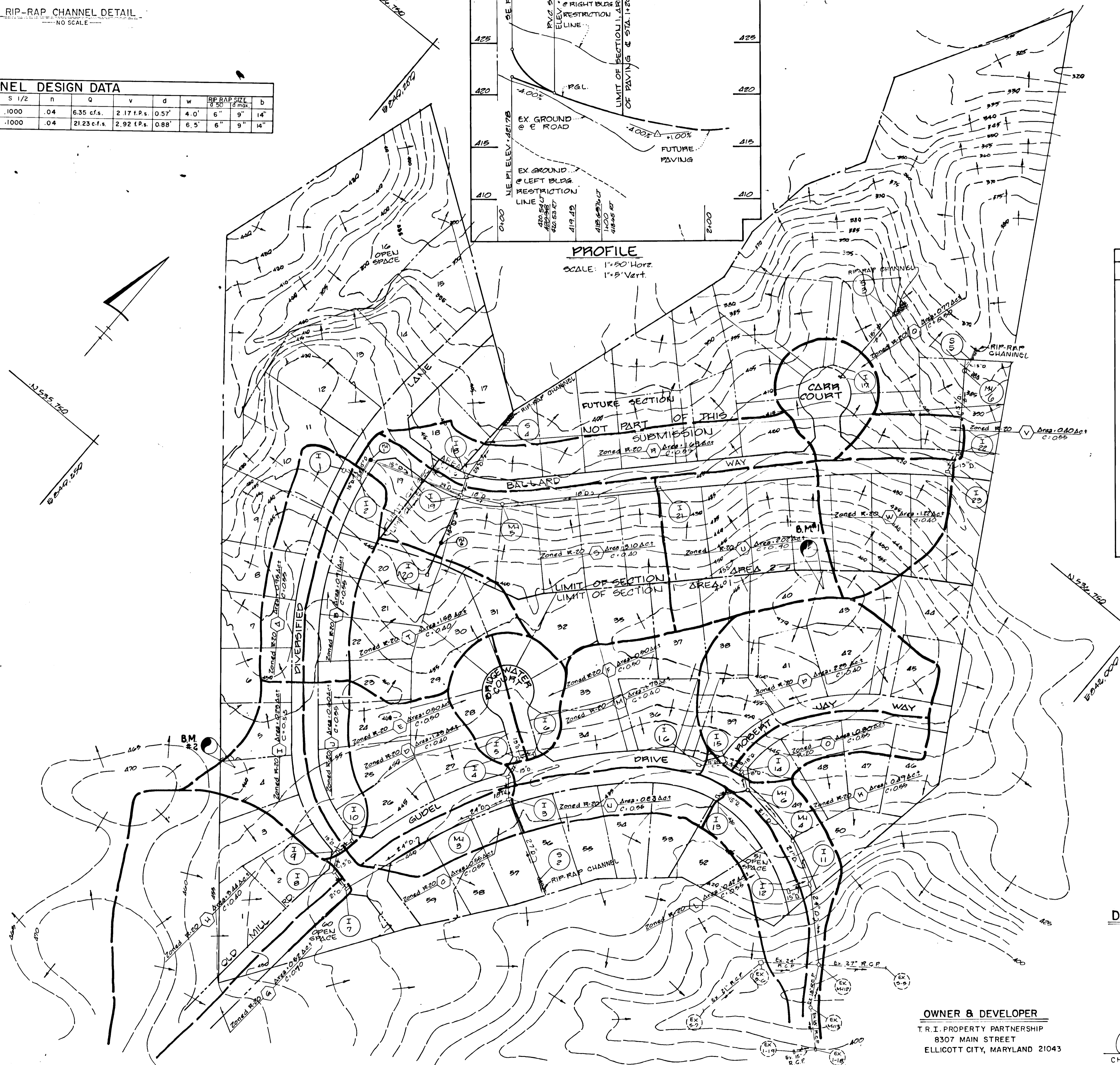


APPROVED
 DEPARTMENT OF PUBLIC WORKS
Francis W. Welton 4/28/88
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED
 DEPARTMENT OF PUBLIC WORKS
William E. Ryan 5-4-88
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED
 DEPARTMENT OF PUBLIC WORKS
William L. W. 4/28/88
 CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED
 OFFICE OF PLANNING AND ZONING
James R. R. 5/6/88
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE



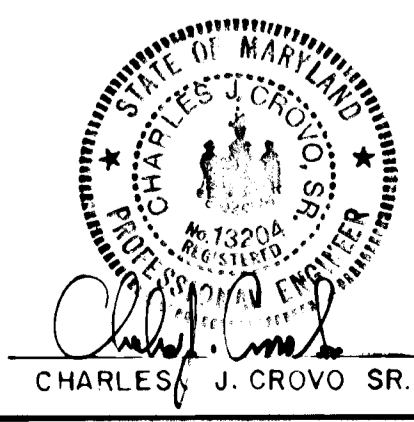
STRUCTURE SCHEDULE - SECTION 1/AREA 1

STRUCT.	TYPE	TOP STRUCTURE	INV. IN.	INV. OUT.	ROAD STATION	REMARKS
I-1	DOUBLE 15' COMB. INLET	432.77	428.00	428.2757	7+87.00 DIVERSIFIED LANE	S.D. 4.33
I-2	DOUBLE 15' COMB. INLET	432.77	428.00	428.2757	7+87.00 DIVERSIFIED LANE	S.D. 4.33
I-3	A-5	440.66	434.75	434.75	23+15.02 GUEDEL DRIVE	S.D. 4.01
I-4	A-10	440.48	438.50	438.50	23+31.10 GUEDEL DRIVE	S.D. 4.02
I-5	A-5 W/ DEFLECTORS	441.36	438.45	438.45	0+46.00 BRIDGWATER COURT	S.D. 4.01
I-6	A-5 W/ DEFLECTORS	441.36	438.45	438.45	0+46.00 BRIDGWATER COURT	S.D. 4.01
I-7	A-5	444.23	438.45	438.45	19+56.45 OLD MILL ROAD	S.D. 4.01
I-8	A-10	444.23	439.24	439.24	19+56.45 OLD MILL ROAD	S.D. 4.02
I-9	A-5 W/ DEFLECTORS	445.05	440.88	440.88	0+46.00 DIVERSIFIED LANE	S.D. 4.01
I-10	A-5 W/ DEFLECTORS	446.05	440.88	440.88	0+46.00 DIVERSIFIED LANE	S.D. 4.01
I-11	A-5 W/ DEFLECTORS	412.34	407.80	407.80	29+99.50 GUEDEL DRIVE	S.D. 4.01
I-12	A-5 W/ DEFLECTORS	412.34	407.80	407.80	29+99.50 GUEDEL DRIVE	S.D. 4.01
I-13	A-5 W/ DEFLECTORS	430.39	426.58	426.58	27+39.90 GUEDEL DRIVE	S.D. 4.01
I-14	A-5 W/ DEFLECTORS	432.47	428.47	428.47	0+48.80 ROBERT JAY WAY	S.D. 4.01
I-15	A-10 W/ DEFLECTORS	432.47	427.49	427.49	0+48.80 ROBERT JAY WAY	S.D. 4.02
I-16	A-10 W/ DEFLECTORS	432.69	427.69	427.69	26+96.50 GUEDEL DRIVE	S.D. 4.02
MH 1	STANDARD MANHOLE	428.64	428.64	428.64	8+33.00 DIVERSIFIED LANE	G. 5.01
MH 2	STANDARD MANHOLE	428.66	424.73	422.36	27+75.50 GUEDEL DRIVE	G. 5.01
MH 3	STANDARD MANHOLE	441.79	435.48	435.48	22+33.26 GUEDEL DRIVE	G. 5.01
MH 4	STANDARD MANHOLE	419.44	413.91	413.91	29+00.00 GUEDEL DRIVE	G. 5.01
S-2	ST'D METAL END SECTION	433.35	431.70	431.70		S.D. 5.61

Revised: 2/7/89 by S.H.
 Storm drains and chad

AS-BUILT SURVEY CERTIFIED BY
 CHARLES J. CROVO, L.S. NO. 13204
 ON NOVEMBER 11, 1990.

DRAINAGE AREA MAP
 SCALE: 1" = 100'



BALLARD WAY - PROFILE B
 DRAINAGE AREA MAP
BRIDGE WATER
 LOTS 1-60
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN JANUARY 29, 1988
 SHEET 6 OF 9
AS-BUILT

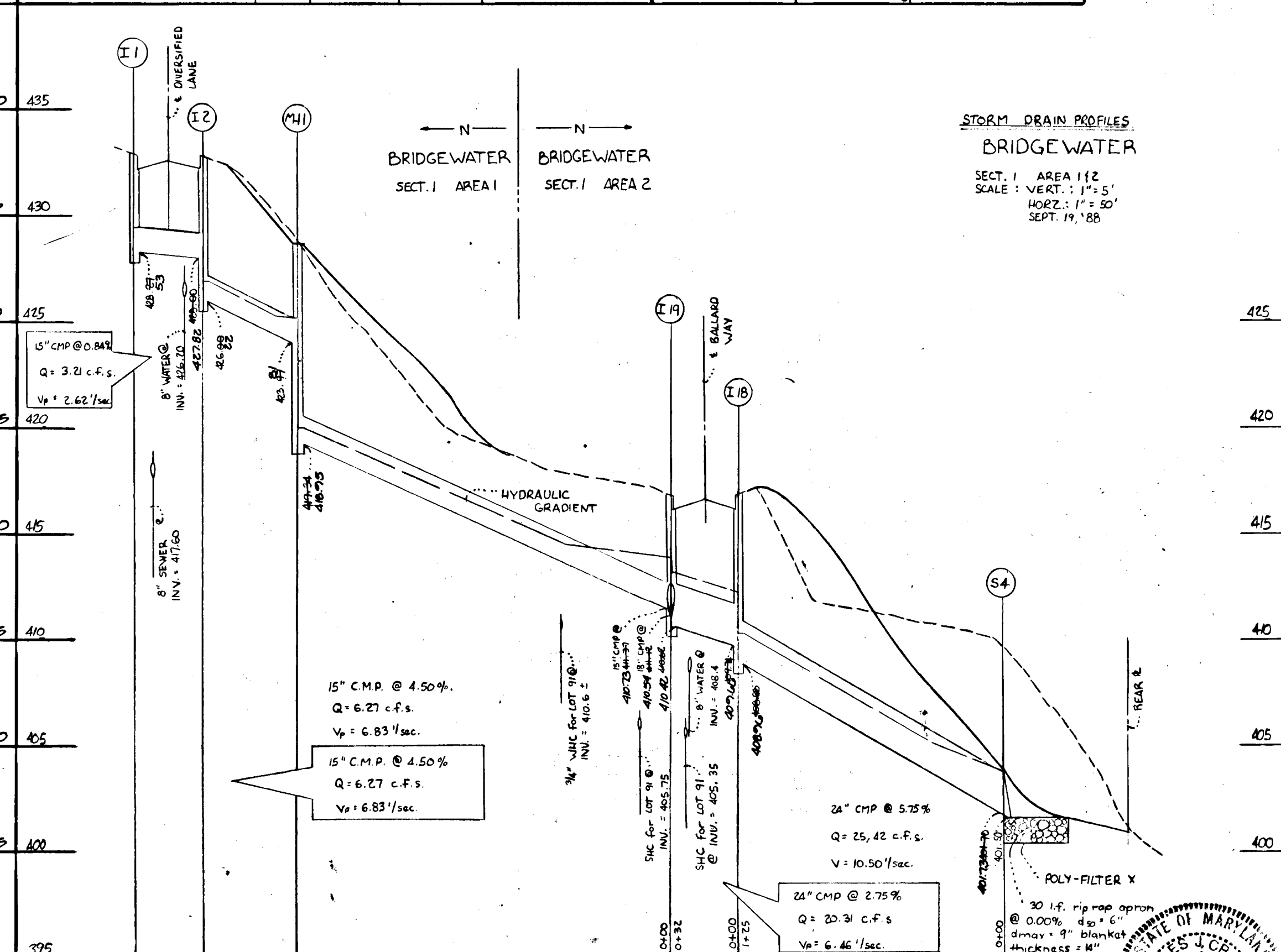
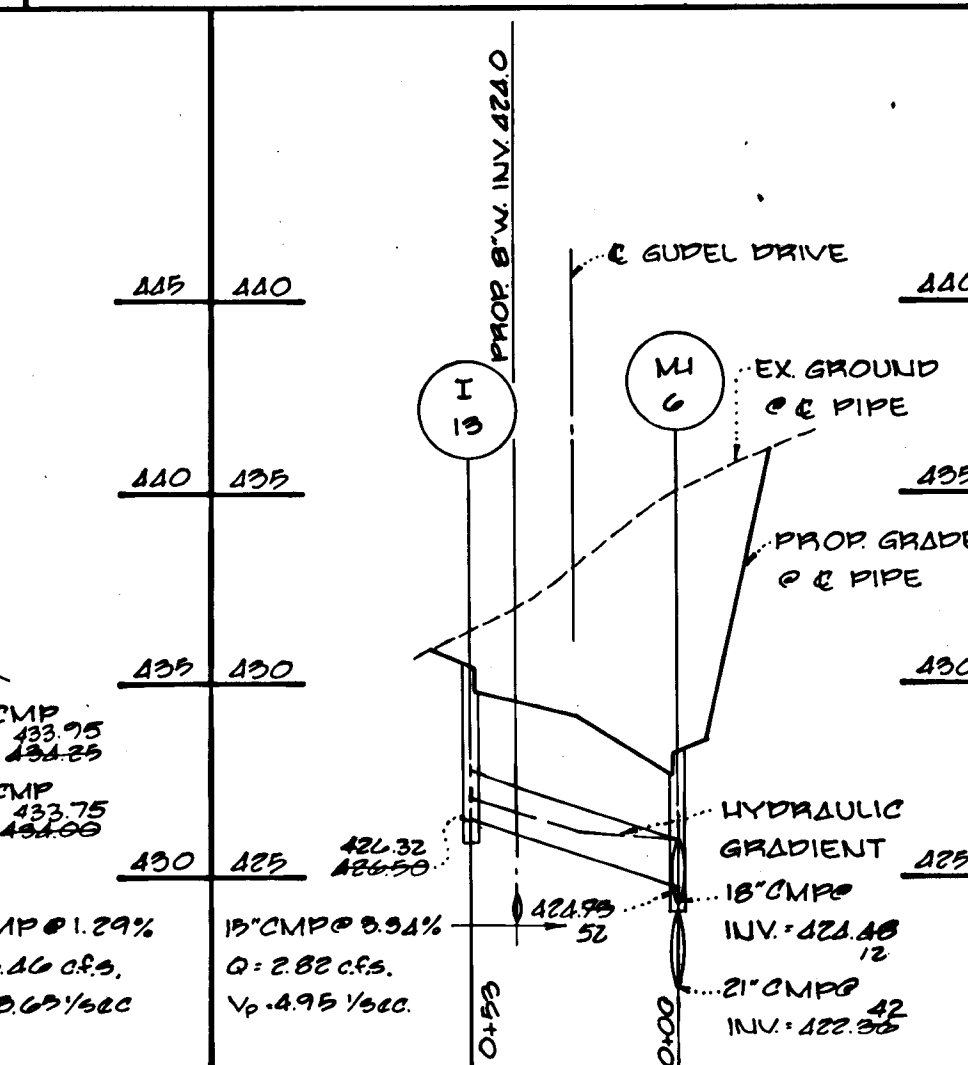
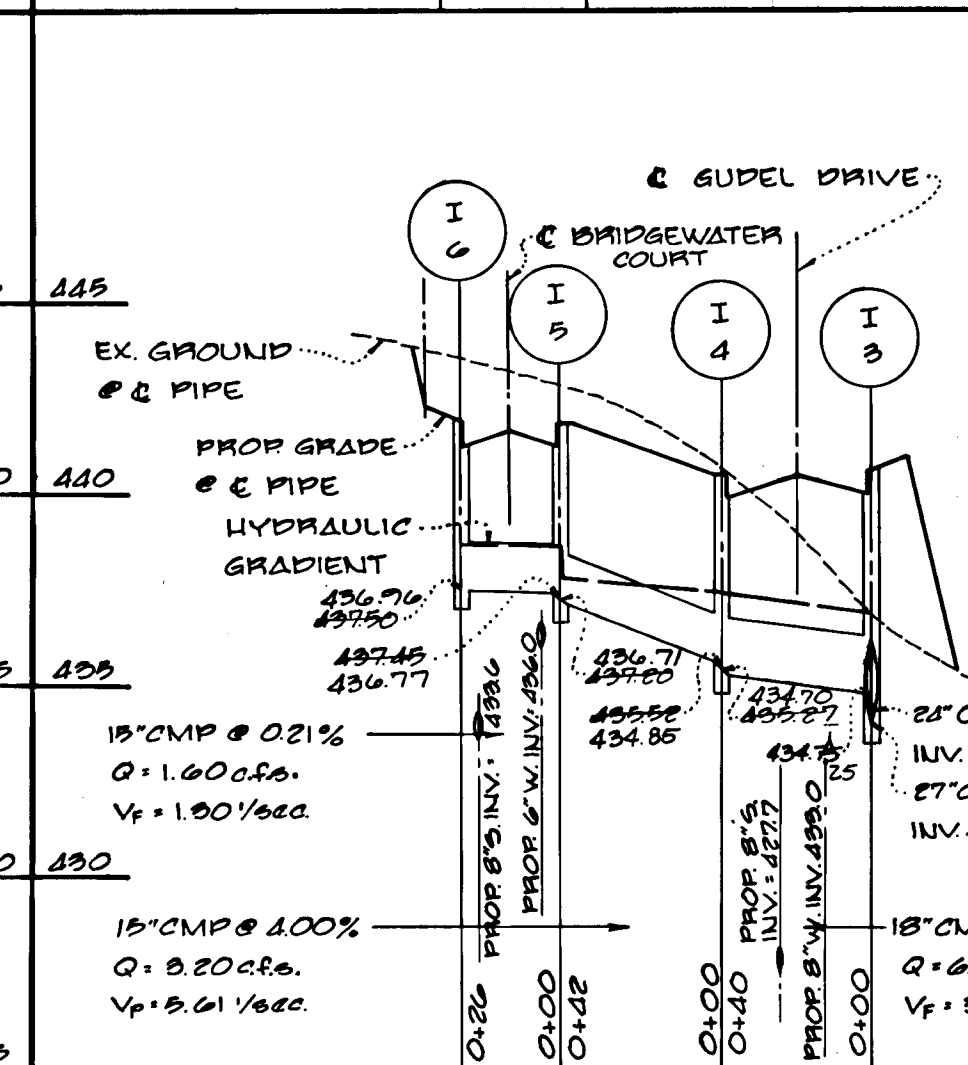
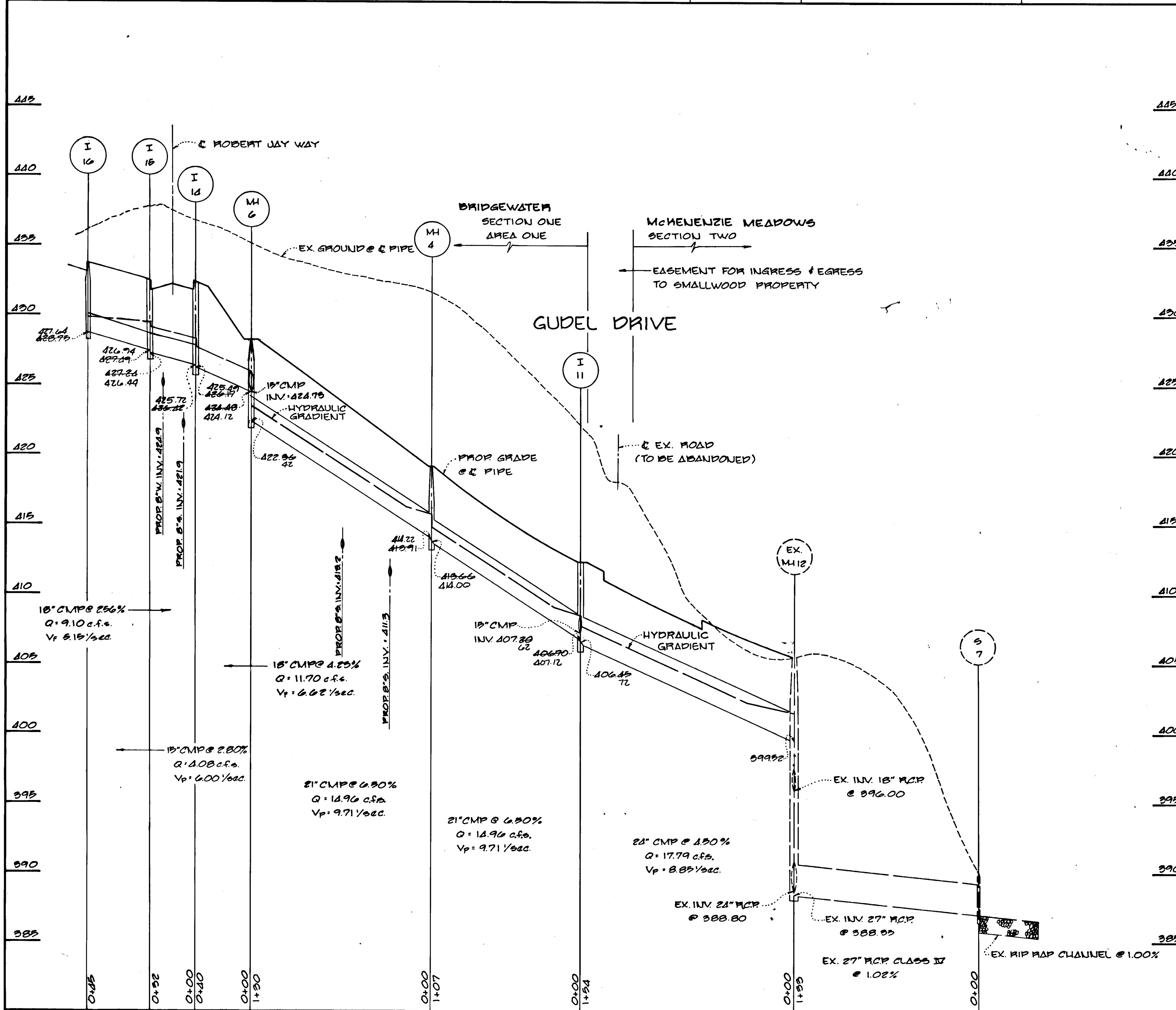
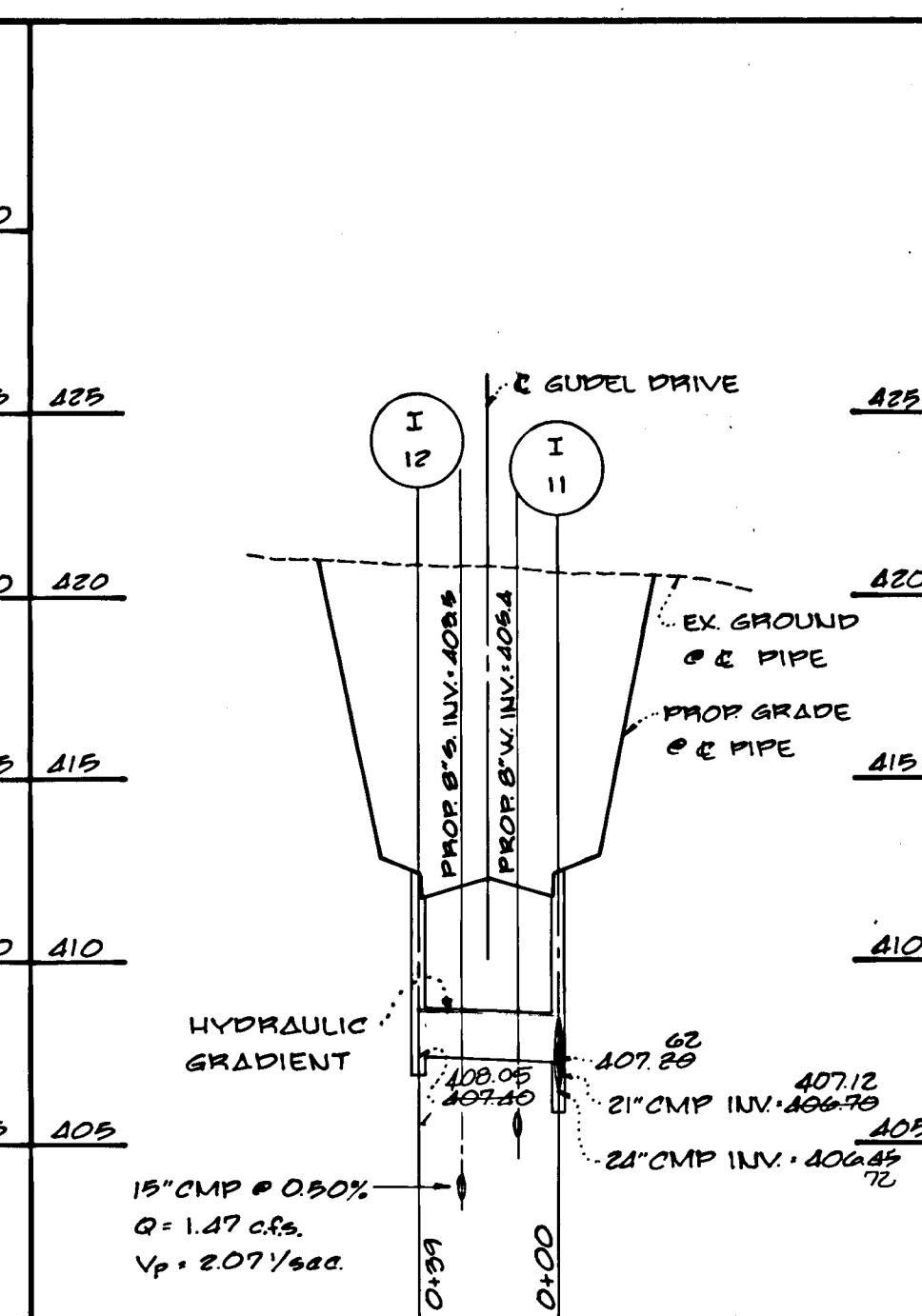
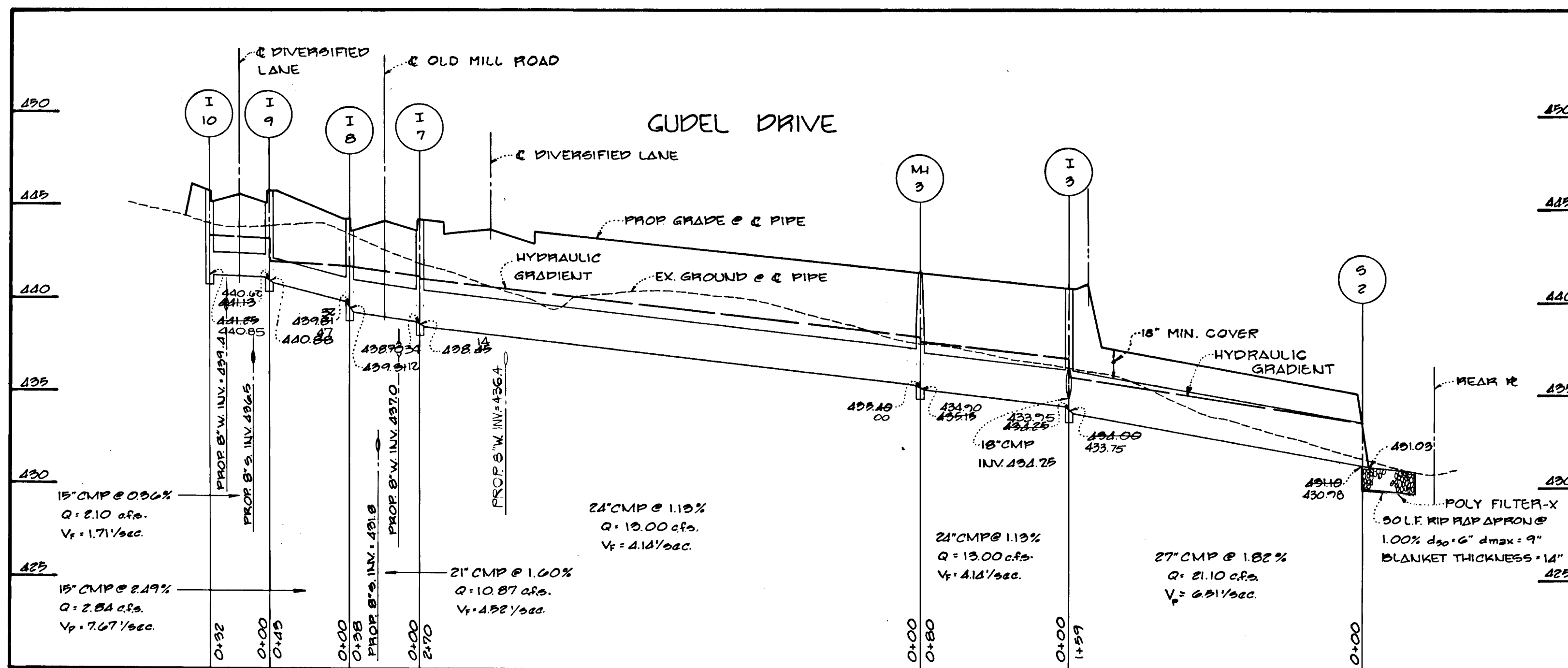
FISHER, COLLINS AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 TELEPHONE (301) 461-2855

OWNER & DEVELOPER
 T.R.I. PROPERTY PARTNERSHIP
 8307 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043

APPROVED DEPARTMENT OF PUBLIC WORKS
Granville W. Wehner 4/28/88
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED DEPARTMENT OF PUBLIC WORKS
William E. Ray 5-2-88
 CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED OFFICE OF PLANNING AND ZONING
Joseph R. Hite 5/2/88
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

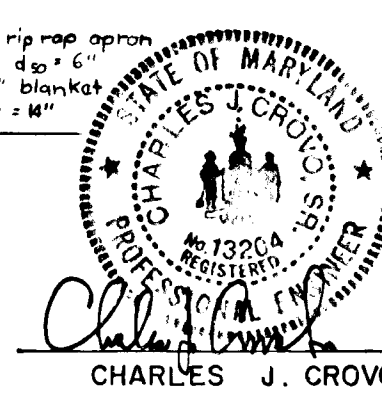


FISHER, COLLINS AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043

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

NOTE:
 V_F = FULL FLOW VELOCITY
 V_P = PARTIAL FLOW VELOCITY

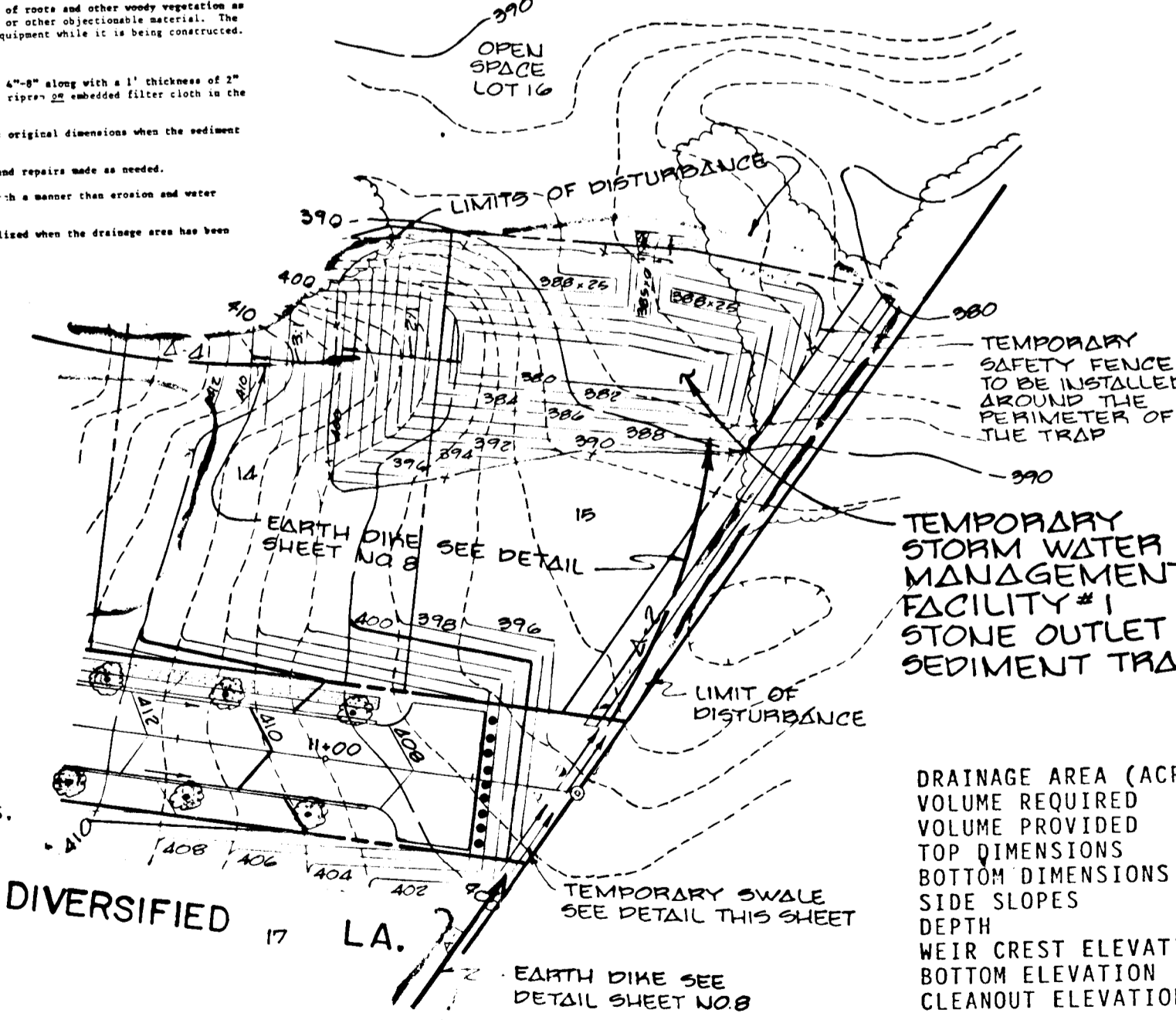
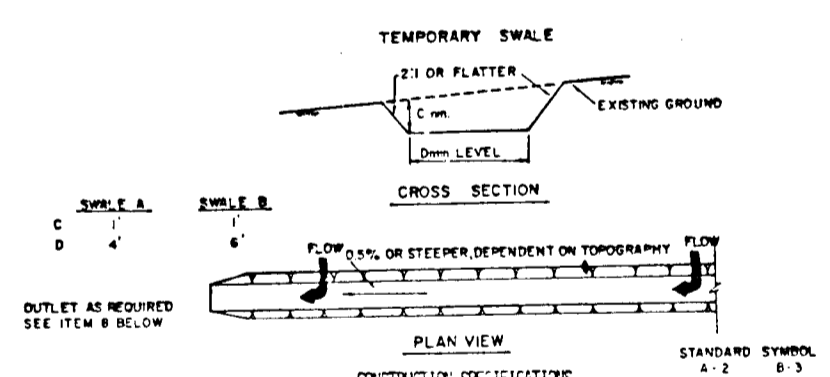
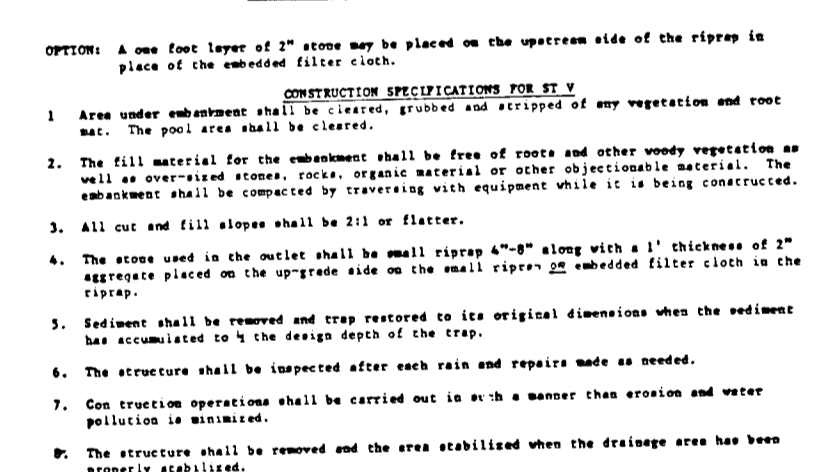
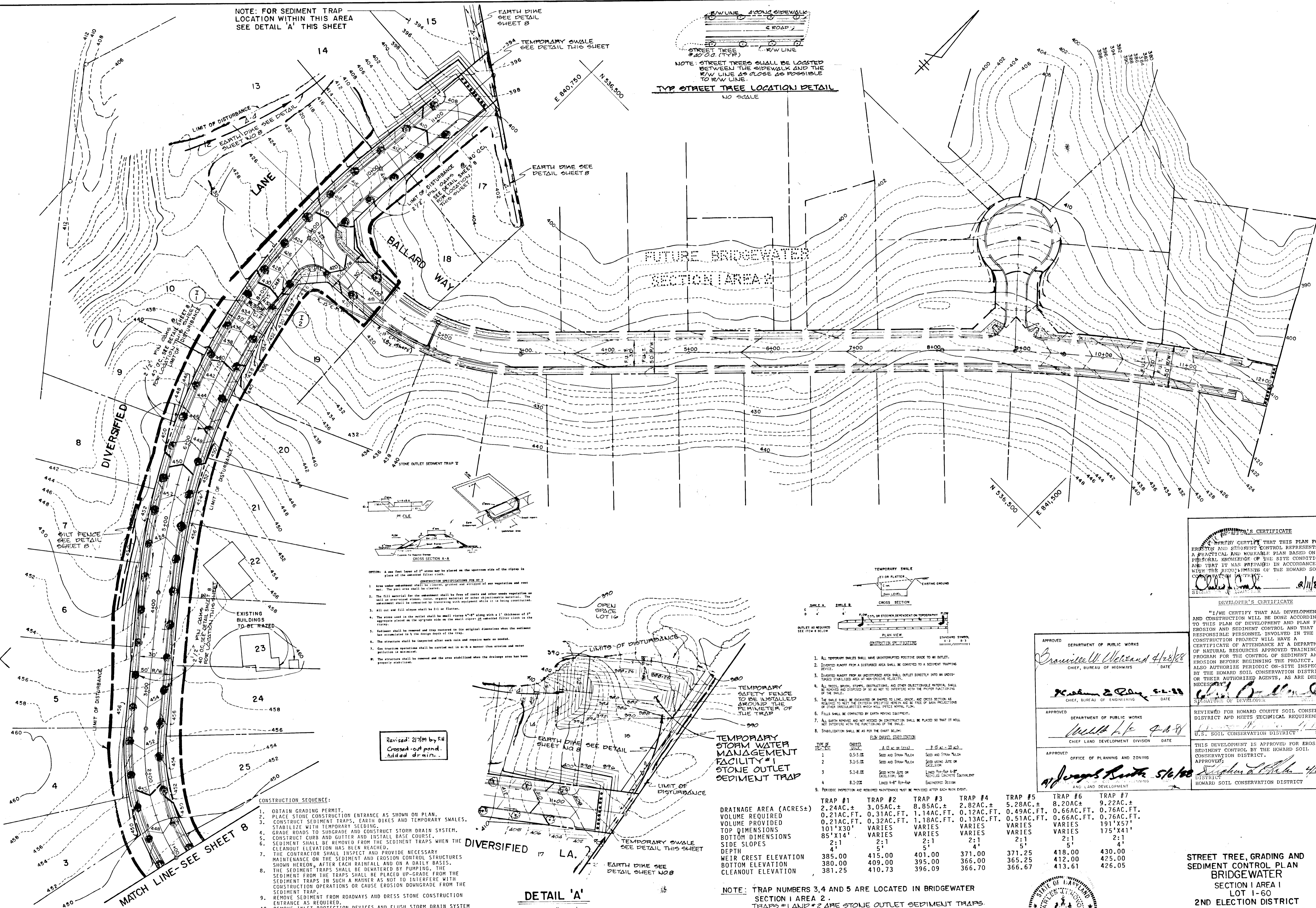
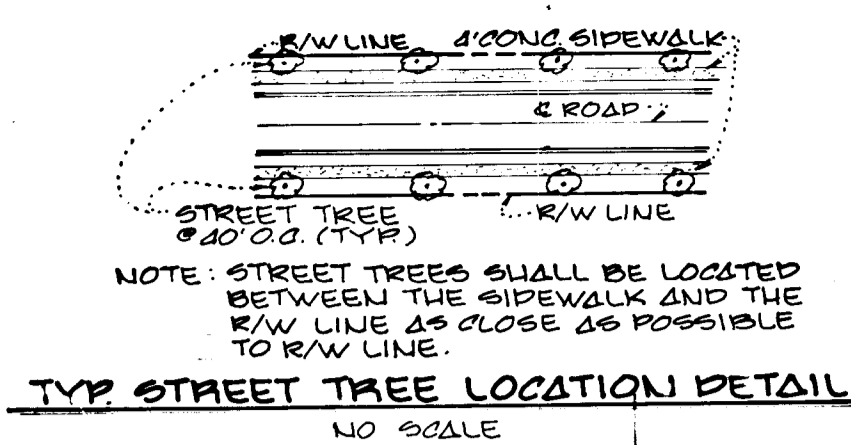
OWNER & DEVELOPER
 T.R.I. PROPERTY PARTNERSHIP
 8307 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043



AS-BUILT SURVEY CERTIFIED BY
 CHARLES J. CROVO, MD. PE. 11-13204
 ON NOVEMBER 11, 1990

STORM DRAIN PROFILES
 BRIDGEWATER
 SECTION I AREA 1
 LOTS 1-60
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN JANUARY 29, 1988
 SHEET 7 OF 9
 AS-BUILT

NOTE: FOR SEDIMENT TRAP LOCATION WITHIN THIS AREA SEE DETAIL 'A' THIS SHEET



- CONSTRUCTION SEQUENCE:**
- OBTAIN GRADING PERMIT.
 - PLACE STONE CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
 - CONSTRUCT SEDIMENT TRAPS, EARTH DIKES AND TEMPORARY SWALES.
 - STABILIZE WITH TEMPORARY SEEDING.
 - GRADE ROADS TO SUBGRADE AND CONSTRUCT STORM DRAIN SYSTEM.
 - CONSTRUCT CURB AND GUTTER AND INSTALL BASE COURSE.
 - SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAPS WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
 - THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON AFTER EACH RAINFALL AND ON A DAILY BASIS.
 - THE SEDIMENT TRAPS SHALL BE DETERMINED BY PUMPING. THE SEDIMENT FROM THE TRAPS SHALL BE PLACED UP-GRADE FROM THE SEDIMENT TRAPS IN SUCH A MANNER AS NOT TO INTERFERE WITH CONSTRUCTION OPERATIONS OR CAUSE EROSION DOWNGRADE FROM THE SEDIMENT TRAP.
 - REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
 - REMOVE INLET PROTECTION DEVICES AND FLUSH STORM DRAIN SYSTEM TO REMOVE ANY TRAPPED SEDIMENT. INSTALL RIP-RAP APRONS.
 - REMOVE STONE CONSTRUCTION ENTRANCE AND STRAW BALE DIKE/SILT FENCE. CLEAN BASE COURSE. APPLY TACK COAT TO BASE COURSE AND LAY SURFACE COURSE.
 - CONVERT SEDIMENT BASIN AT S-1 TO WATER QUALITY WET POND ACCORDING TO THE GRADING SHOWN ON THESE PLANS AND STABILIZE THE DISTURBED AREA WITH PERMANENT SEEDING MIXTURE.
 - ALL DISTURBED AREAS DUE TO REMOVAL OF REMAINING SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED WITH PERMANENT SEEDING MIXTURE.

TRAP #	DRAINAGE AREA (ACRES±)	VOLUME REQUIRED	VOLUME PROVIDED	TOP DIMENSIONS	BOTTOM DIMENSIONS	DEPTH	WEIR CREST ELEVATION	BOTTOM ELEVATION	OUTLET ELEVATION
TRAP #1	2.24AC.±	0.21AC.FT.	0.21AC.FT.	101'x30'	85'x14'	2:1	385.00	380.00	381.25
TRAP #2	3.05AC.±	0.31AC.FT.	0.31AC.FT.	VARIES	VARIES	2:1	415.00	409.00	410.73
TRAP #3	8.85AC.±	1.14AC.FT.	1.14AC.FT.	VARIES	VARIES	2:1	401.00	395.00	396.09
TRAP #4	2.82AC.±	0.12AC.FT.	0.12AC.FT.	VARIES	VARIES	2:1	371.00	366.00	366.70
TRAP #5	5.28AC.±	0.48AC.FT.	0.51AC.FT.	VARIES	VARIES	2:1	371.25	365.25	366.67
TRAP #6	8.20AC.±	0.66AC.FT.	0.66AC.FT.	VARIES	VARIES	2:1	418.00	412.00	413.61
TRAP #7	9.22AC.±	0.76AC.FT.	0.76AC.FT.	191'x57'	175'x41'	2:1	430.00	425.00	426.05

NOTE: TRAP NUMBERS 3, 4 AND 5 ARE LOCATED IN BRIDGEWATER SECTION 1 AREA 2. TRAPS #1 AND #2 ARE STONE OUTLET SEDIMENT TRAPS. TRAPS #6 AND #7 ARE RIP RAP OUTLET SEDIMENT TRAPS. OWNER AND DEVELOPER: T.R.I. PROPERTY PARTNERSHIP, 8307 MAIN STREET, ELLICOTT CITY, M.D. 21043

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.

DEVELOPER'S CERTIFICATE
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

APPROVED DEPARTMENT OF PUBLIC WORKS
Erwin W. Weiland 4/28/88
CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED DEPARTMENT OF PUBLIC WORKS
Richard E. Cline 5-2-88
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED DEPARTMENT OF PUBLIC WORKS
Walter H. Pugh 2-2-88
CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED OFFICE OF PLANNING AND ZONING
James R. Rucker 5/6/88
DISTRICT MANAGER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
Walter H. Pugh 1/25/88
U.S. SOIL CONSERVATION DISTRICT DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Charles J. Crovo 4/16/88
DISTRICT MANAGER DATE



STREET TREE, GRADING AND SEDIMENT CONTROL PLAN
BRIDGEWATER SECTION 1 AREA 1
LOT 1-60
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"= 50' JANUARY 29, 1988
SHEET 9 OF 9

FISHER, COLLINS AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
TELEPHONE (301)461-2855