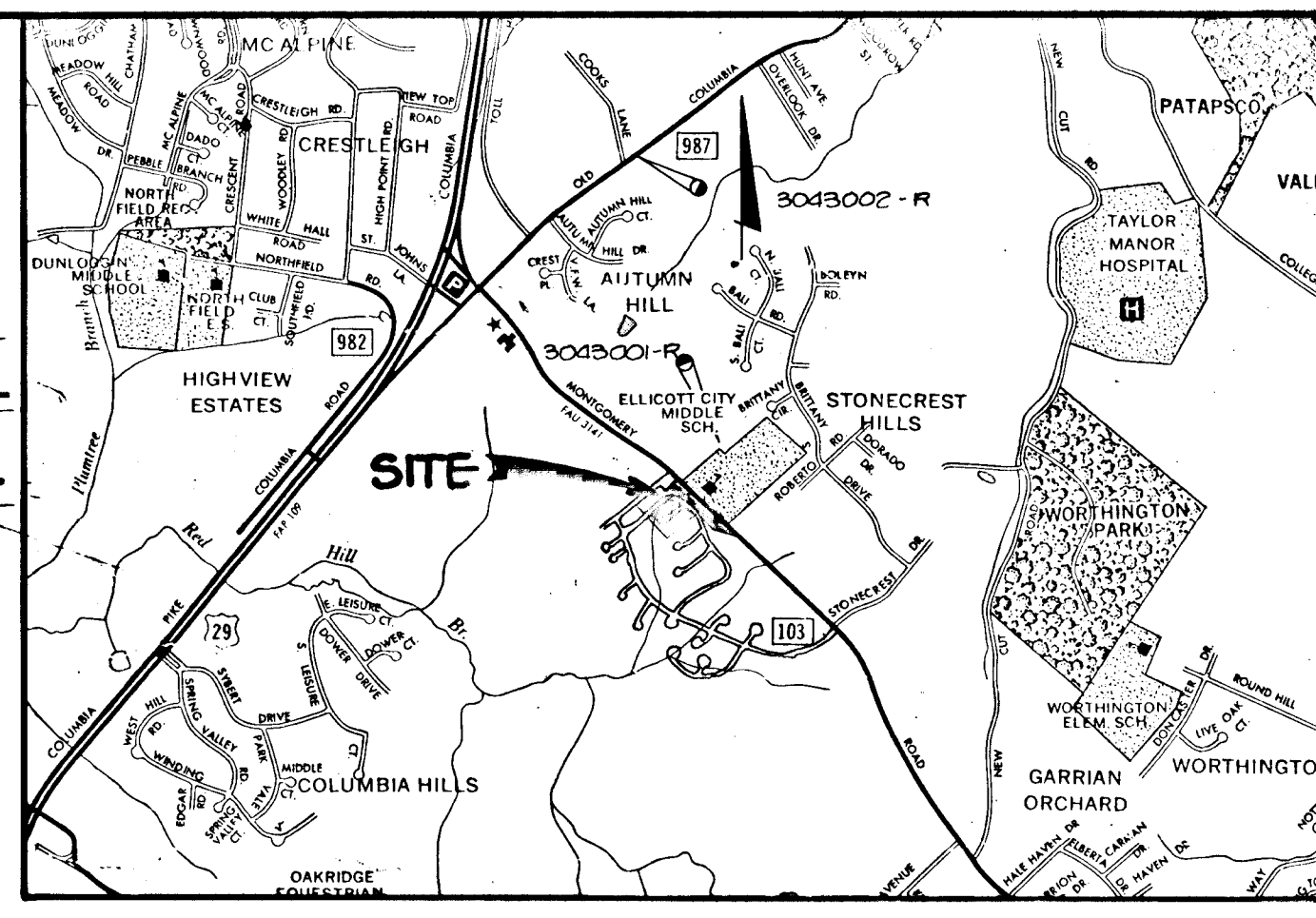
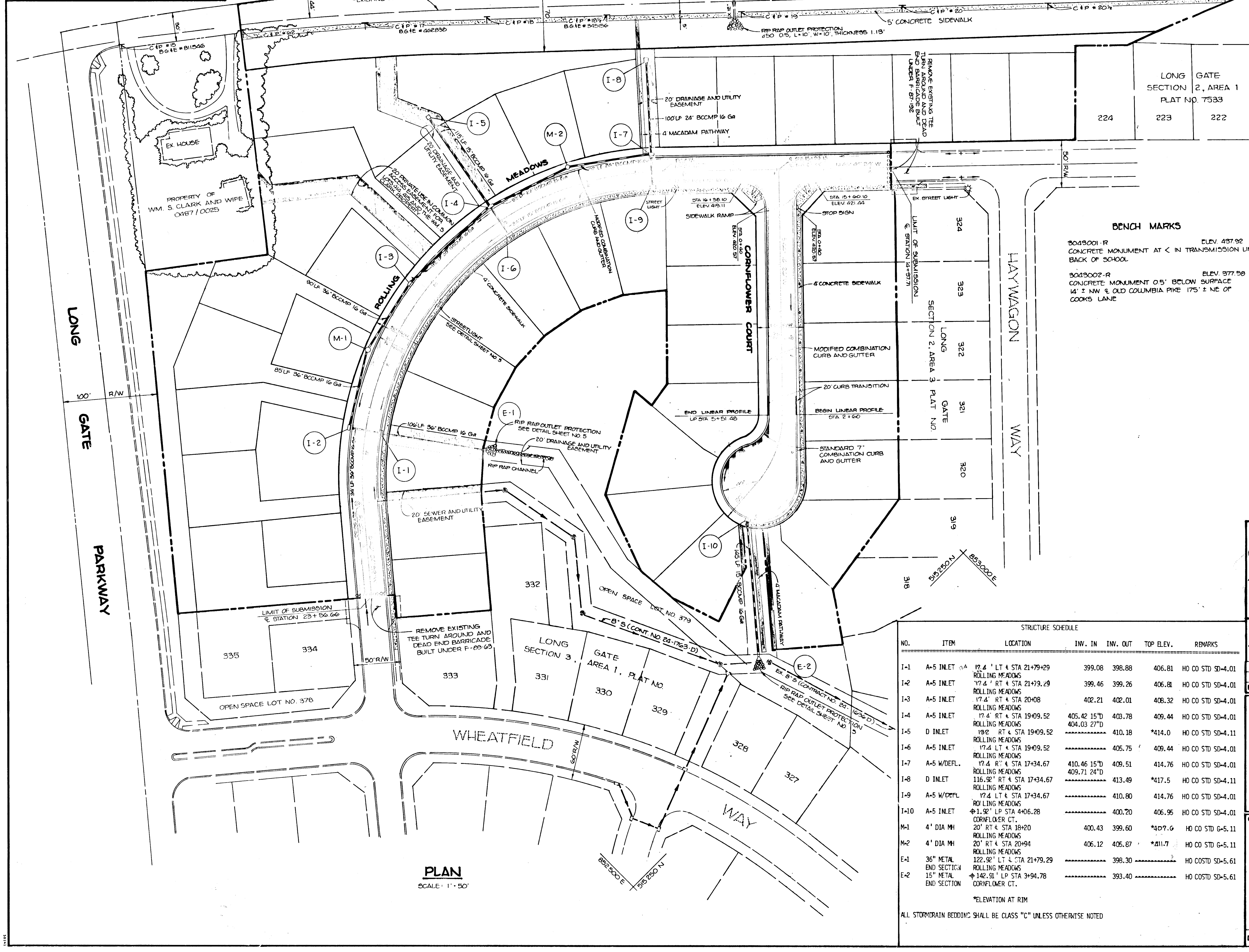


SHEET INDEX	
NO.	DESCRIPTION
1	PLAN OF ROLLING MEADOWS AND CORNFLOWER COURT
2	PROFILES OF ROLLING MEADOWS CORNFLOWER COURT AND STORM DRAINS
3	DETAILS, DRAINAGE AREA MAP AND STORM DRAIN PROFILES
4	GRADING AND SEDIMENT CONTROL PLAN
5	SEDIMENT CONTROL DETAILS
6	PLANTING PLAN

CURVE DATA
 FROM STA 17+22.31 TO STA 22+56.50 ROLLING MEADOWS
 Δ = 90°10'27"
 R = 325.00'
 T = 534.19'
 L = 349.50'
 Dc = 17°37'46"
 CHD = 587'10"13" W. 476.05'



VICINITY MAP
SCALE: 1" = 2000'



LONG GATE SECTION 2, AREA 1 PLAT NO. 7533	
224	223
222	

BENCH MARKS
 3049001-R ELEV. 437.92
 CONCRETE MONUMENT AT < IN TRANSMISSION LINES BACK OF SCHOOL
 3043002-R ELEV. 377.50
 CONCRETE MONUMENT 0.5' BELOW SURFACE 14' E. N.W. & OLD COLUMBIA PIKE 175' E. N.E. OF COOKS LANE

- GENERAL NOTES
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR ROAD CONSTRUCTION.
 - APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
 - THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES, WHERE DIRECTED BY THE ENGINEER, A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS.
 - CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES AT LEAST THREE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS.

BELL TELEPHONE SYSTEM	393-3649
LONG DISTANCE CABLE DIVISION	393-3553 OR 3554
BALTIMORE GAS AND ELECTRIC	559-8000 EXT. 691
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
HOWARD COUNTY CONSTRUCTION INSPECTION SURVEY DIVISION	992-2417/2418
 - ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
 - ALL STREET CURB RETURNS SHALL HAVE 20.0' RADIUS UNLESS OTHERWISE NOTED.
 - STORM DRAIN TRENCHES WITHIN ROAD RIGHT OF WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE.
 - INSTALLATION OF TRAFFIC CONTROL DEVICES, MARKING AND SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES 1994 EDITION.
 - PIPE SHALL NOT BE INSTALLED BY THE CONTRACTOR UNTIL THE LENGTH CALLED FOR AT EACH STATION HAS BEEN APPROVED BY THE ENGINEER IN THE FIELD.
 - DESIGNED TRAFFIC SPEED IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIAL STANDARDS.
 - ALL CUL-DE-SAC DESIGNED FOR 25 M.P.H., ALL LOCAL STREETS DESIGNED FOR 30 M.P.H., ALL STREET COLLECTORS DESIGNED FOR 30 M.P.H., ALL MAJOR COLLECTORS FOR 40 M.P.H.
 - ALL ELEVATIONS SHOWN ARE BASED ON U.S.C. AND G.S. MEAN SEA LEVEL DATUM 1929.
 - ALL FILL AREAS WITHIN ROADWAYS AND UNDER STRUCTURES TO BE COMPACTED TO A MINIMUM 95% OF MAXIMUM OBTAINABLE DENSITY DETERMINED BY MARSHALL PROCTOR.
 - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
 - PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
 - SUBJECT PROPERTY ZONED PER B-2-85 COMPREHENSIVE ZONING PLAN.
 - STORMWATER MANAGEMENT FOR THIS SITE WAS PROVIDED IN FACILITY BUILT UNDER LONG GATE SECTION 2, AREA 2, F-87-197.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Paul H. Hagan 2/27/89
 CHIEF, LAND DEVELOPMENT DIVISION DATE
Genevieve W. Welkand 2/11/89
 CHIEF, BUREAU OF HIGHWAYS DATE
William S. Kelly 2/28/89
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Frank J. Taylor 9/12/85
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

NO.	DATE	REVISION

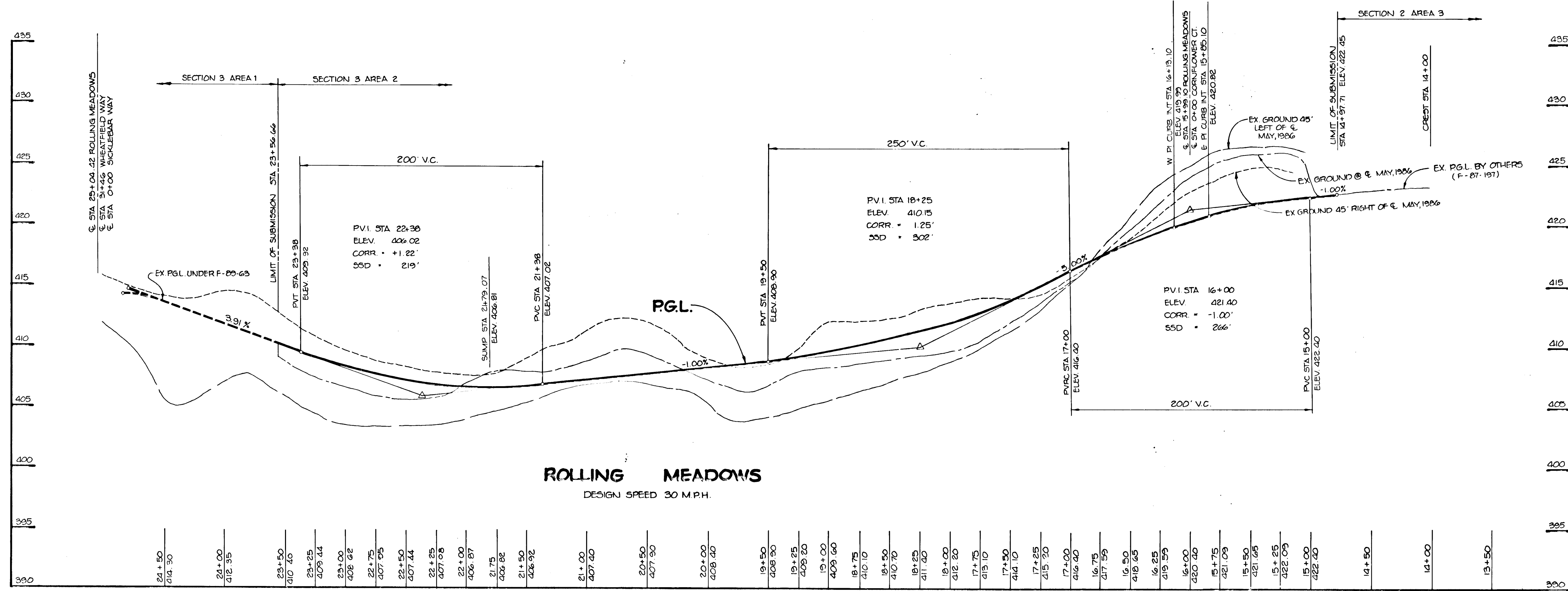
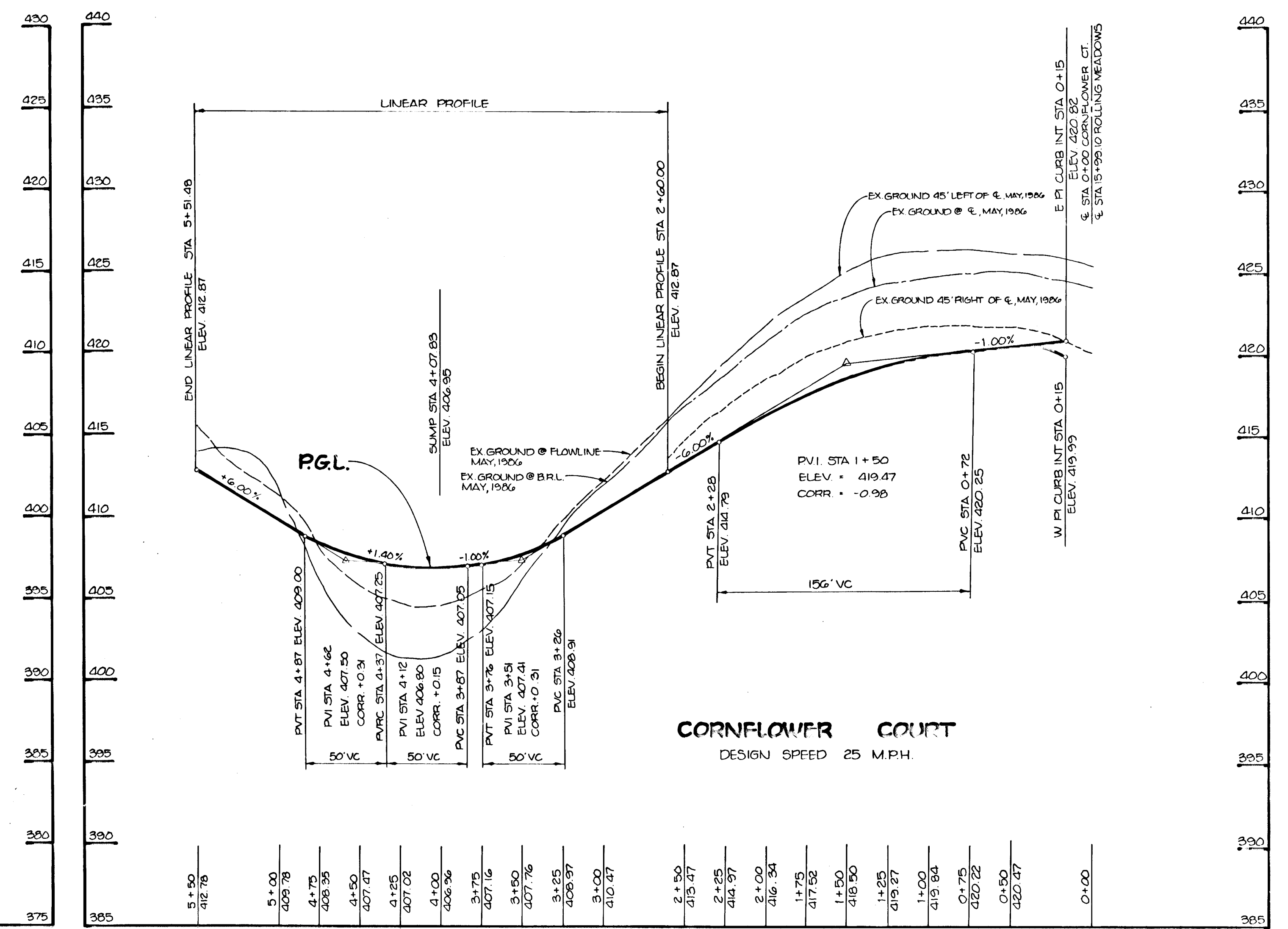
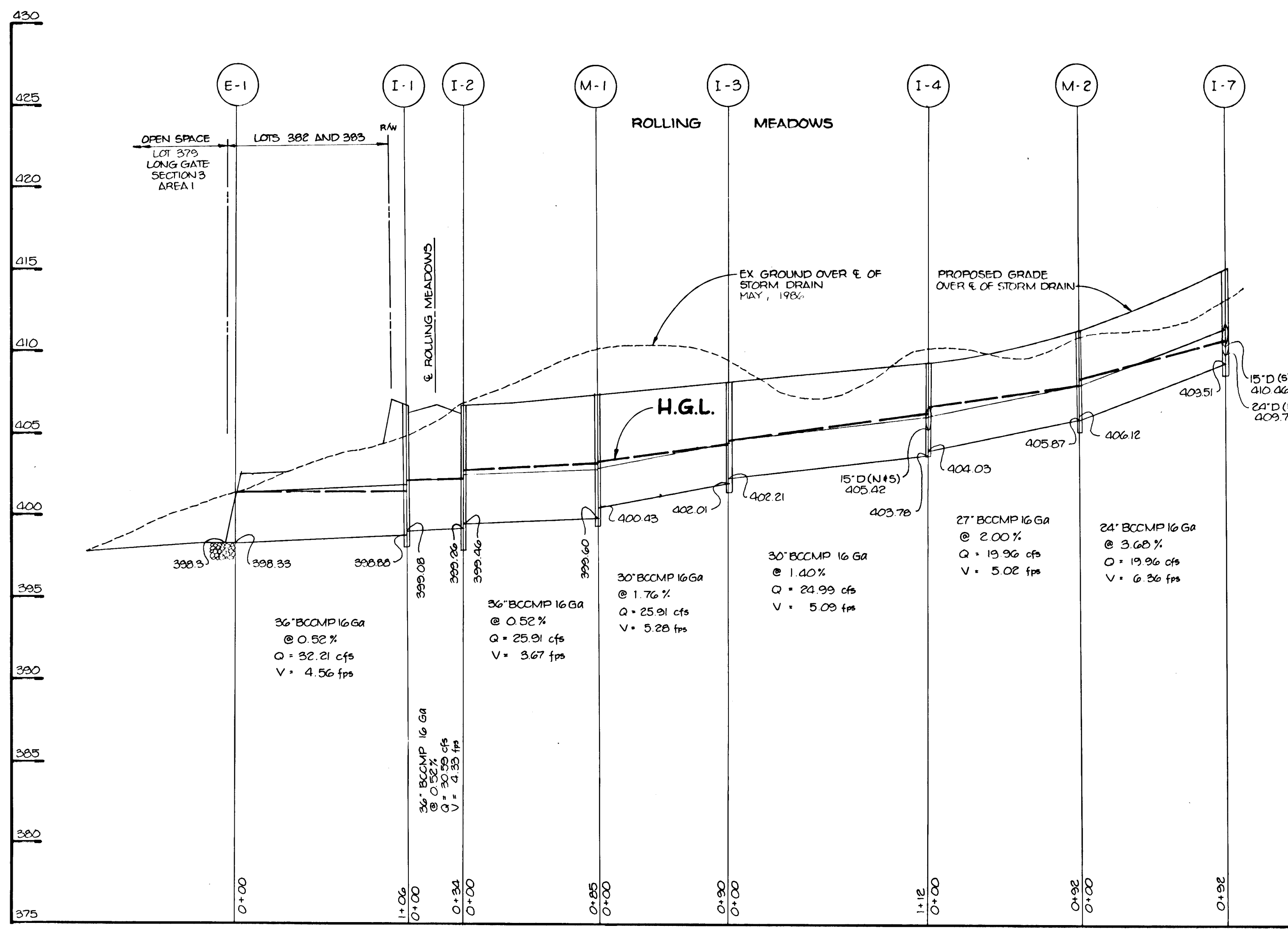
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 planning • architecture • engineering
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

STRUCTURE SCHEDULE						
NO.	ITEM	LOCATION	INV. IN	INV. OUT	TOP ELEV.	REMARKS
I-1	A-5 INLET	17.4' LT & STA 21+79+29 ROLLING MEADOWS	399.08	398.88	406.81	HO CO STD SD-4.01
I-2	A-5 INLET	17.4' RT & STA 21+79.29 ROLLING MEADOWS	399.46	399.26	406.81	HO CO STD SD-4.01
I-3	A-5 INLET	17.4' RT & STA 20+08 ROLLING MEADOWS	402.21	402.01	408.32	HO CO STD SD-4.01
I-4	A-5 INLET	17.4' RT & STA 19+09.52 ROLLING MEADOWS	405.42 15'D 404.03 27'D	403.78	408.44	HO CO STD SD-4.01
I-5	D INLET	19.2' RT & STA 19+09.52 ROLLING MEADOWS	-----	410.18	*414.0	HO CO STD SD-4.11
I-6	A-5 INLET	17.4' LT & STA 19+09.52 ROLLING MEADOWS	-----	405.75	408.44	HO CO STD SD-4.01
I-7	A-5 W/DEPL.	17.4' RT & STA 17+34.67 ROLLING MEADOWS	410.46 15'D	409.51	414.76	HO CO STD SD-4.01
I-8	D INLET	116.92' RT & STA 17+34.67 ROLLING MEADOWS	-----	409.71 24'D	413.49	*417.5 HO CO STD SD-4.11
I-9	A-5 W/DEPL.	17.4' LT & STA 17+34.67 ROLLING MEADOWS	-----	410.80	414.76	HO CO STD SD-4.01
I-10	A-5 INLET	1.92' LP STA 4+06.28 CORNFLOWER CT.	-----	400.20	406.95	HO CO STD SD-4.01
M-1	4" DIA MH	20' RT & STA 18+20 ROLLING MEADOWS	400.43	399.60	*407.6	HO CO STD G-5.11
M-2	4" DIA MH	20' RT & STA 20+94 ROLLING MEADOWS	406.12	405.87	*411.7	HO CO STD G-5.11
E-1	36" METAL END SECTION	122.92' LT & STA 21+79.29 ROLLING MEADOWS	-----	398.30	-----	HO COSTD SD-5.61
E-2	15" METAL END SECTION	142.98' LP STA 3+94.78 CORNFLOWER CT.	-----	393.40	-----	HO COSTD SD-5.61

*ELEVATION AT RIM
ALL STORMWATER BEDDING SHALL BE CLASS "C" UNLESS OTHERWISE NOTED

PLAN
SCALE: 1" = 50'

1162



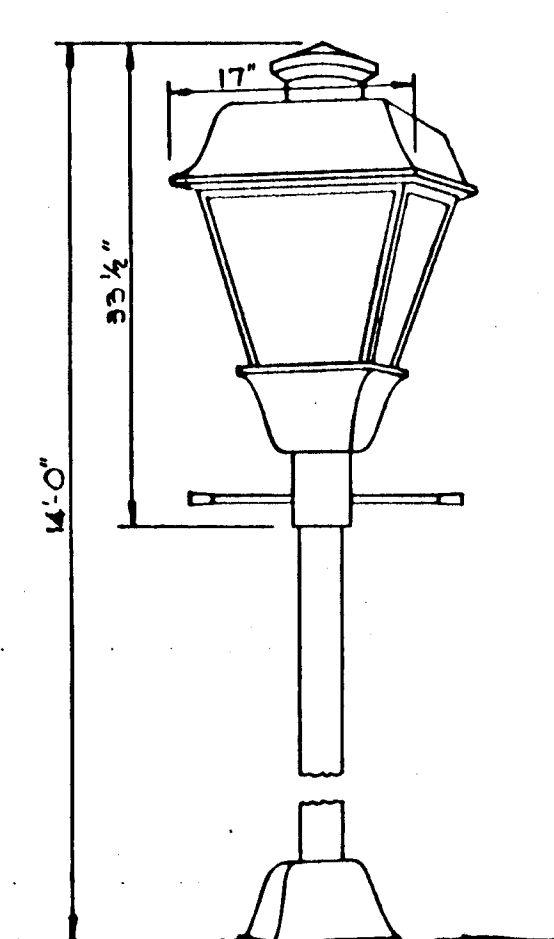
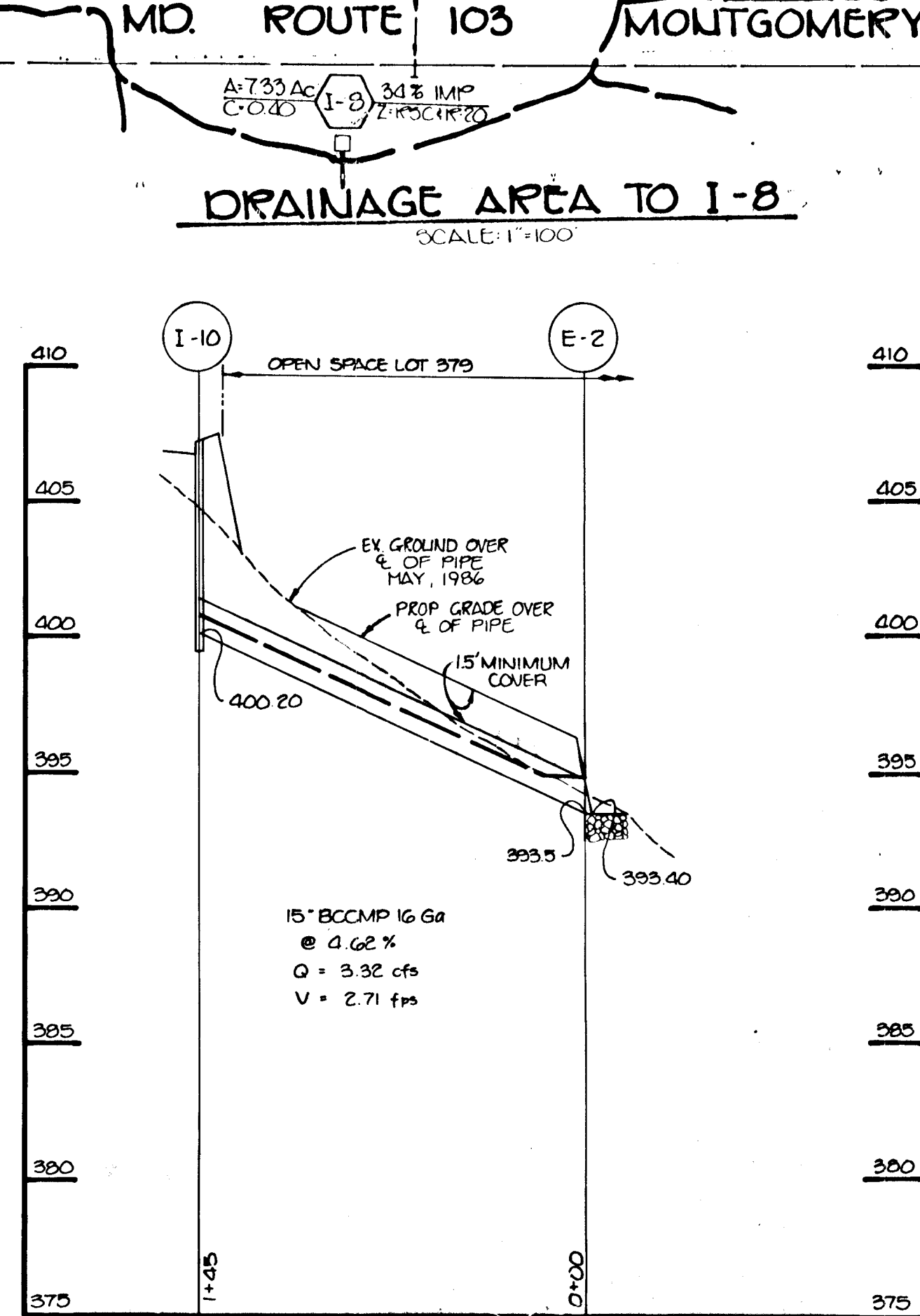
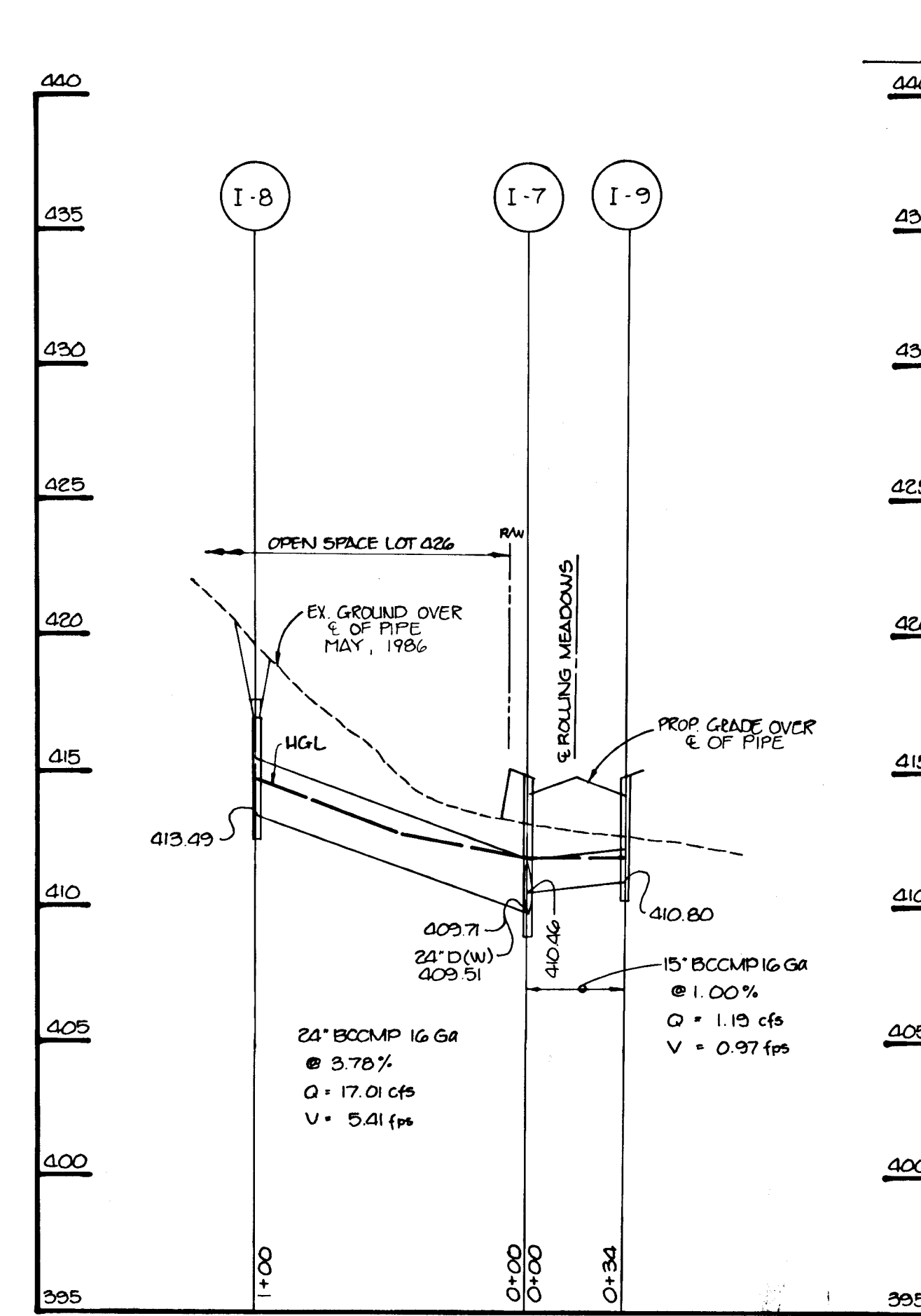
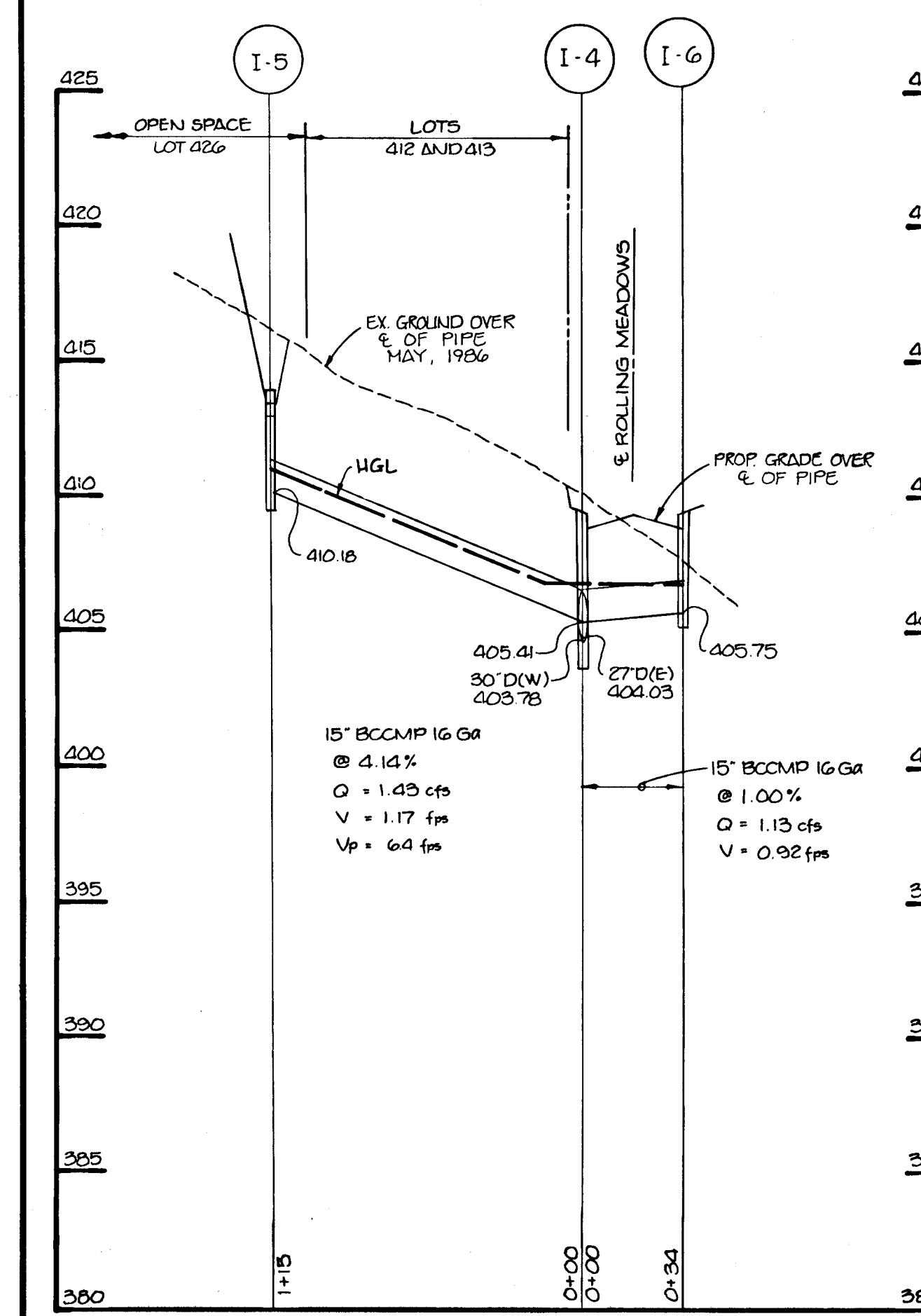
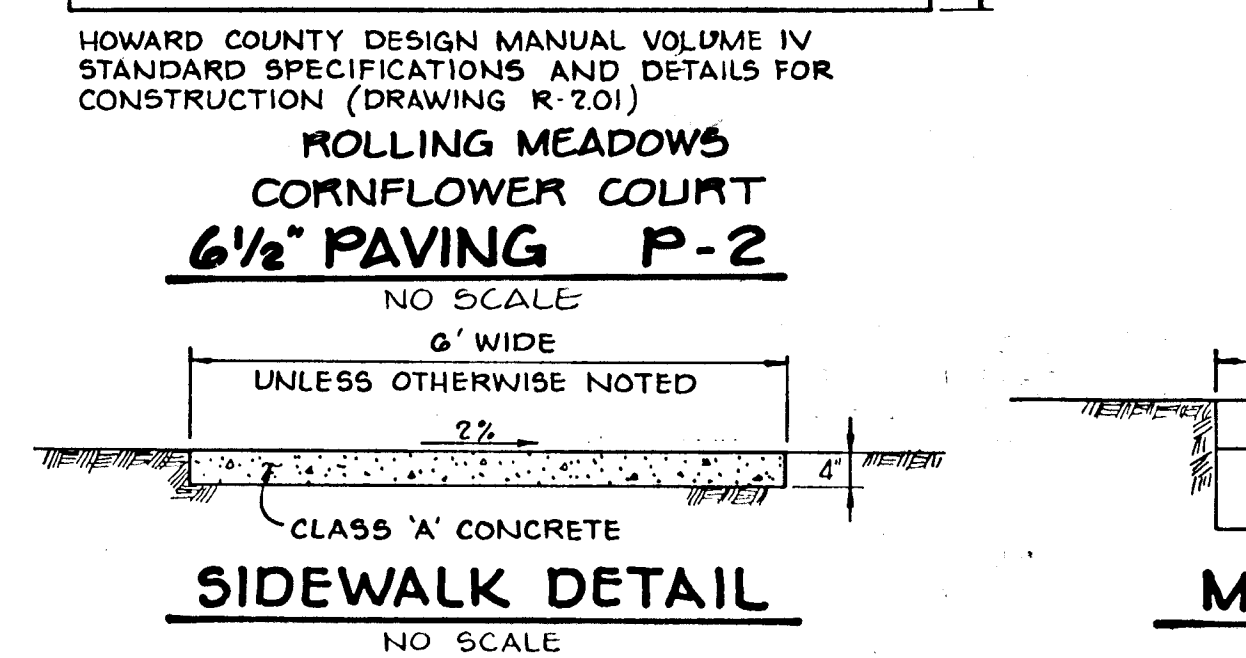
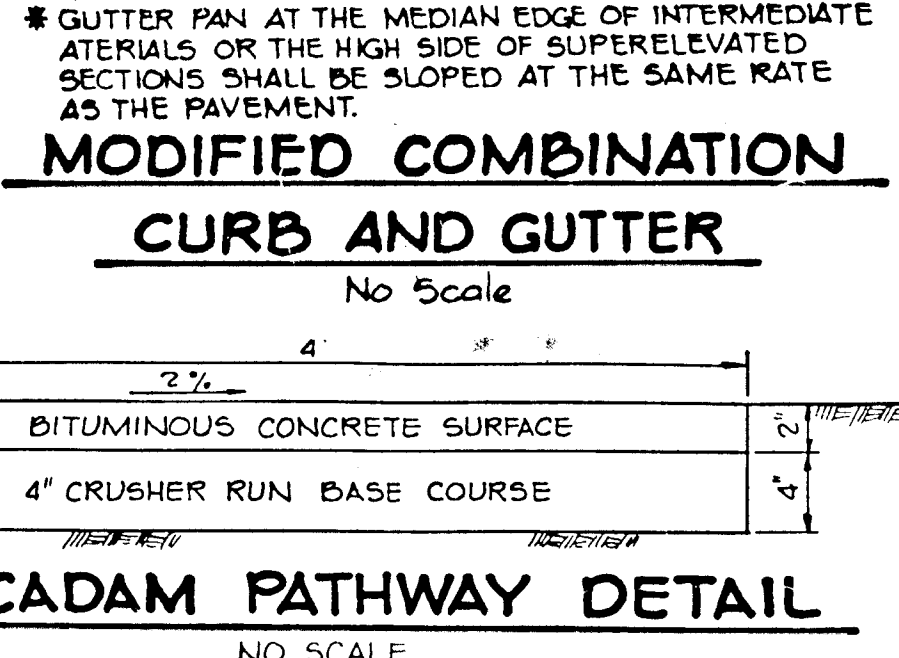
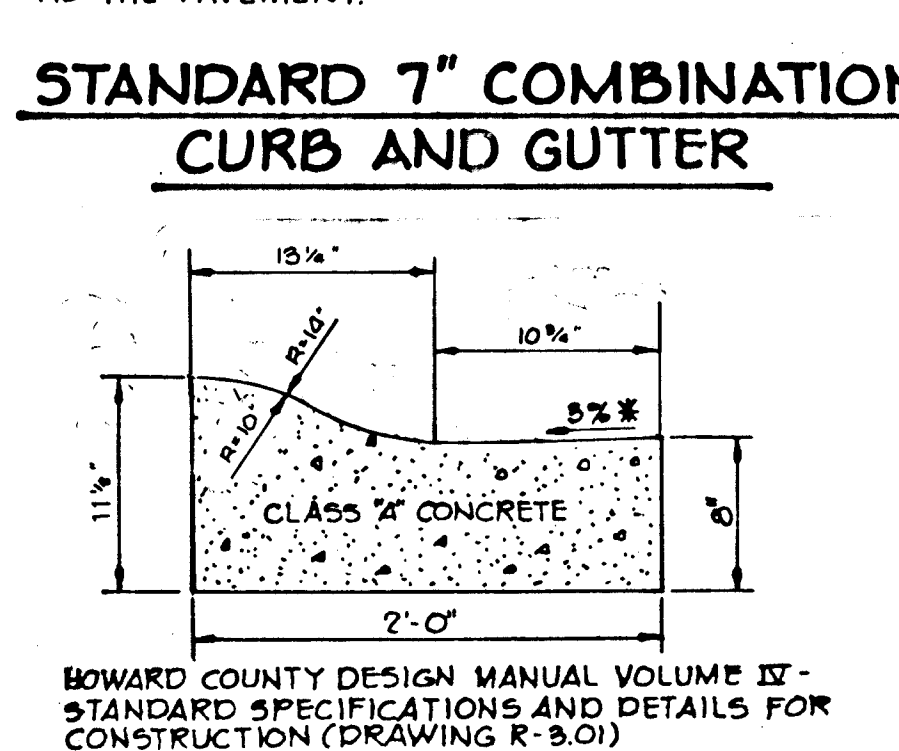
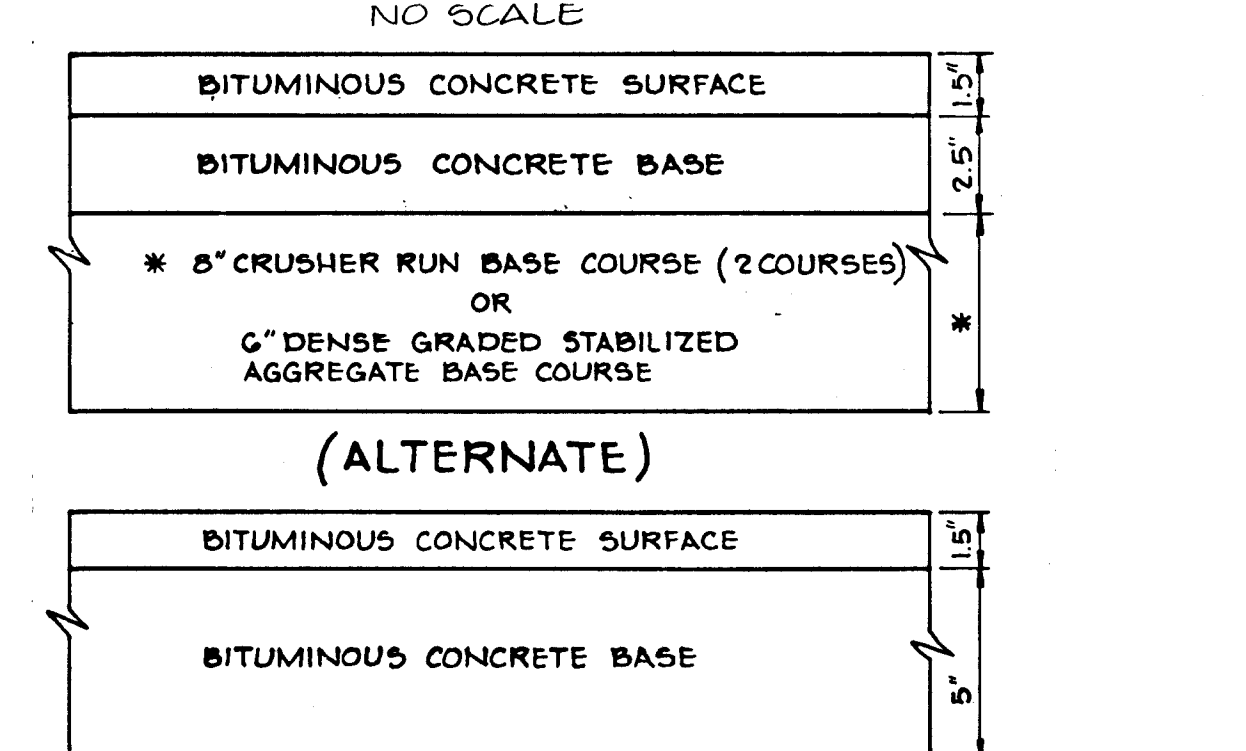
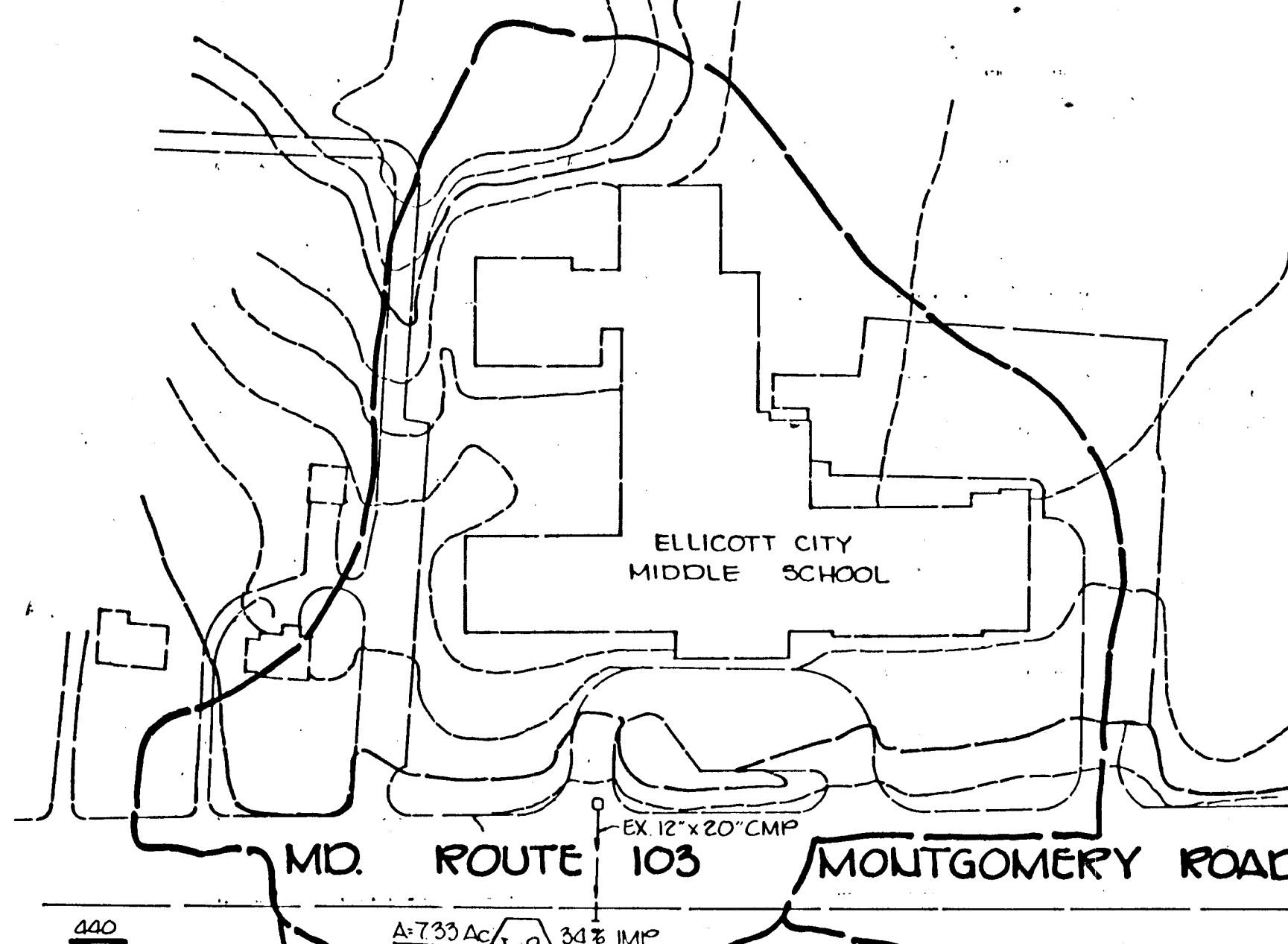
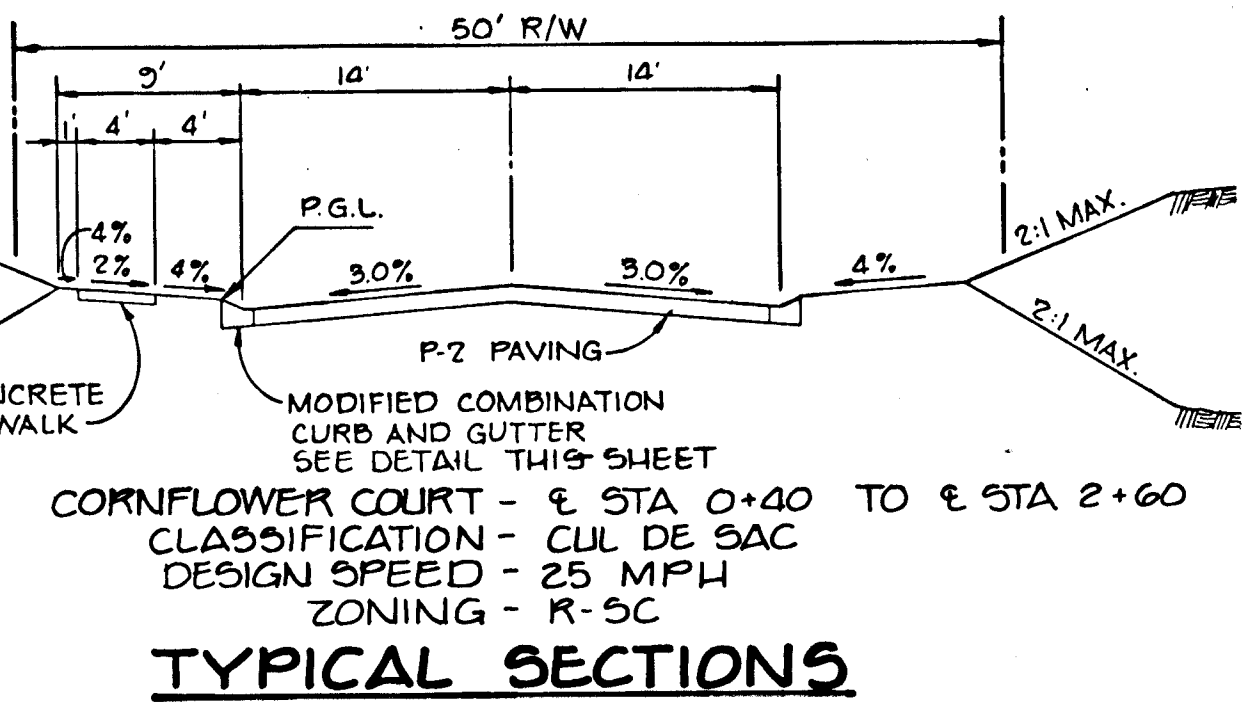
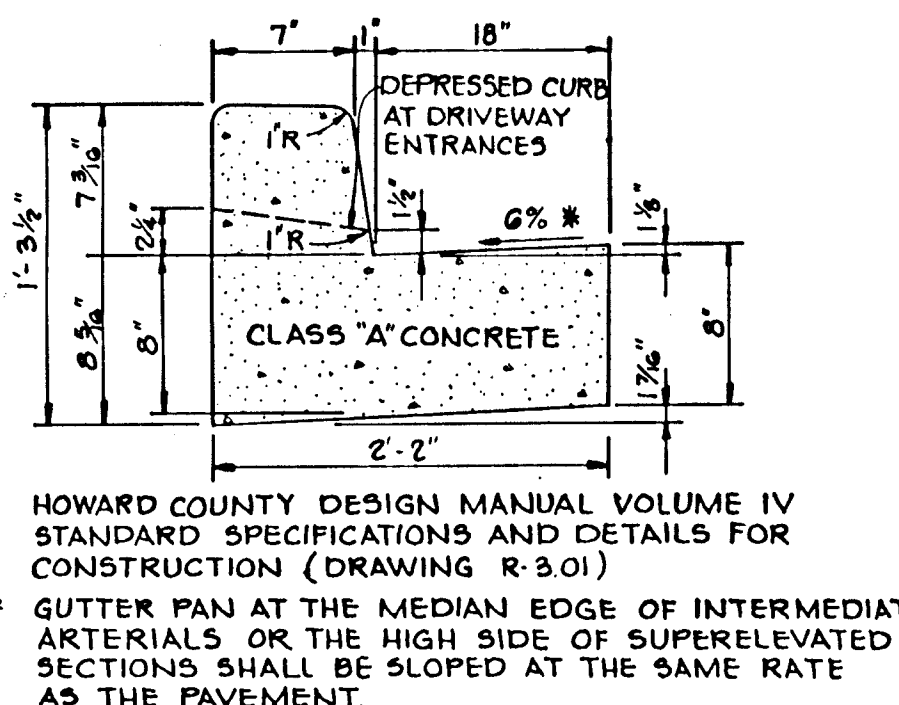
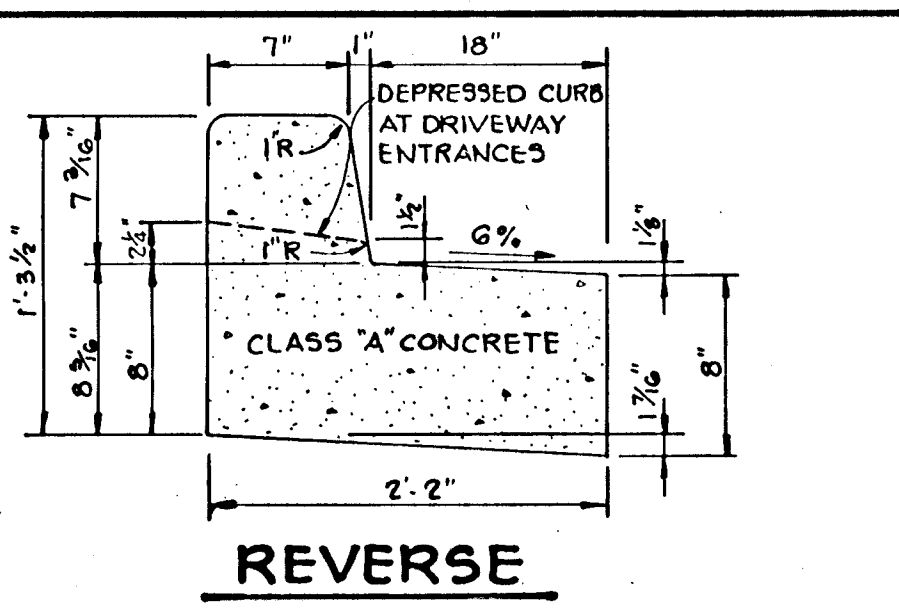
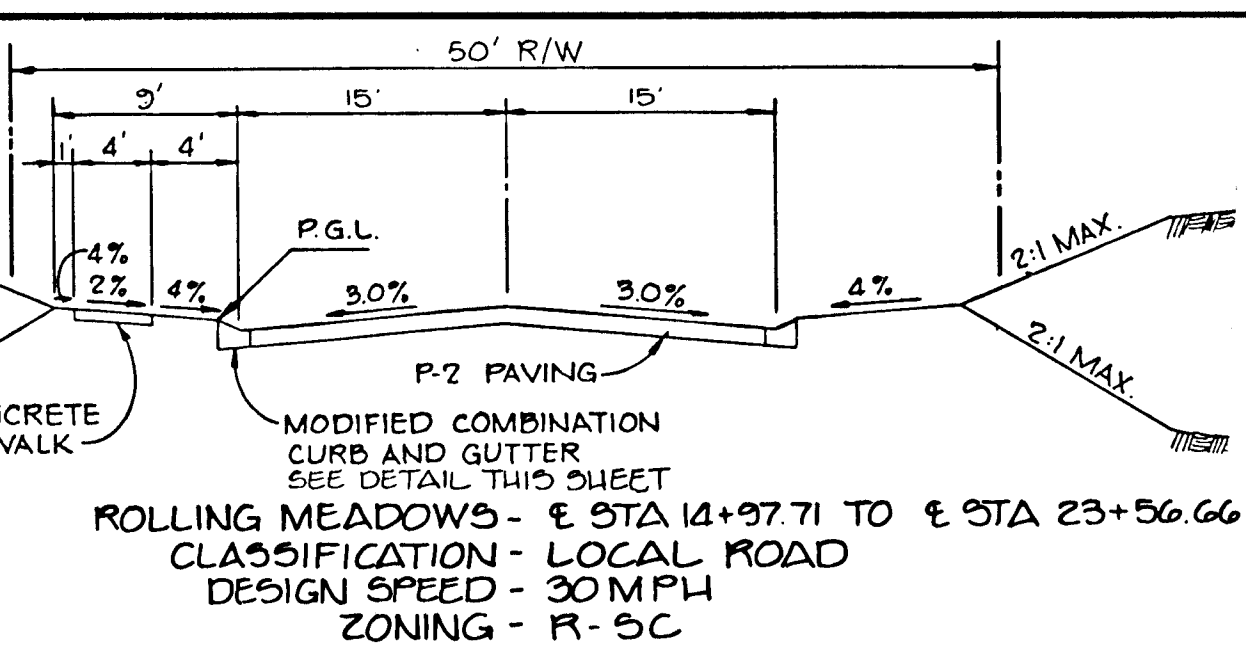
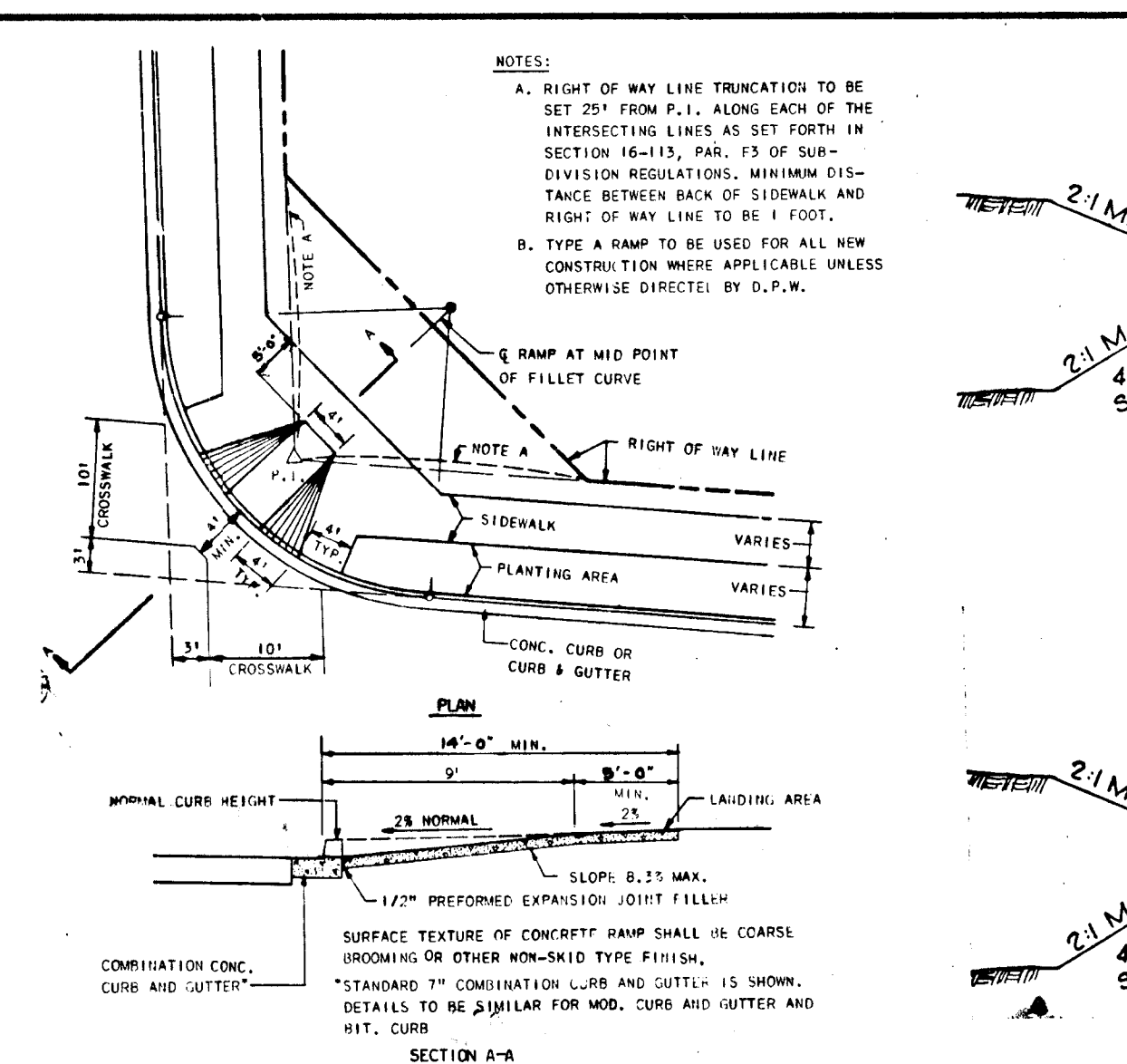
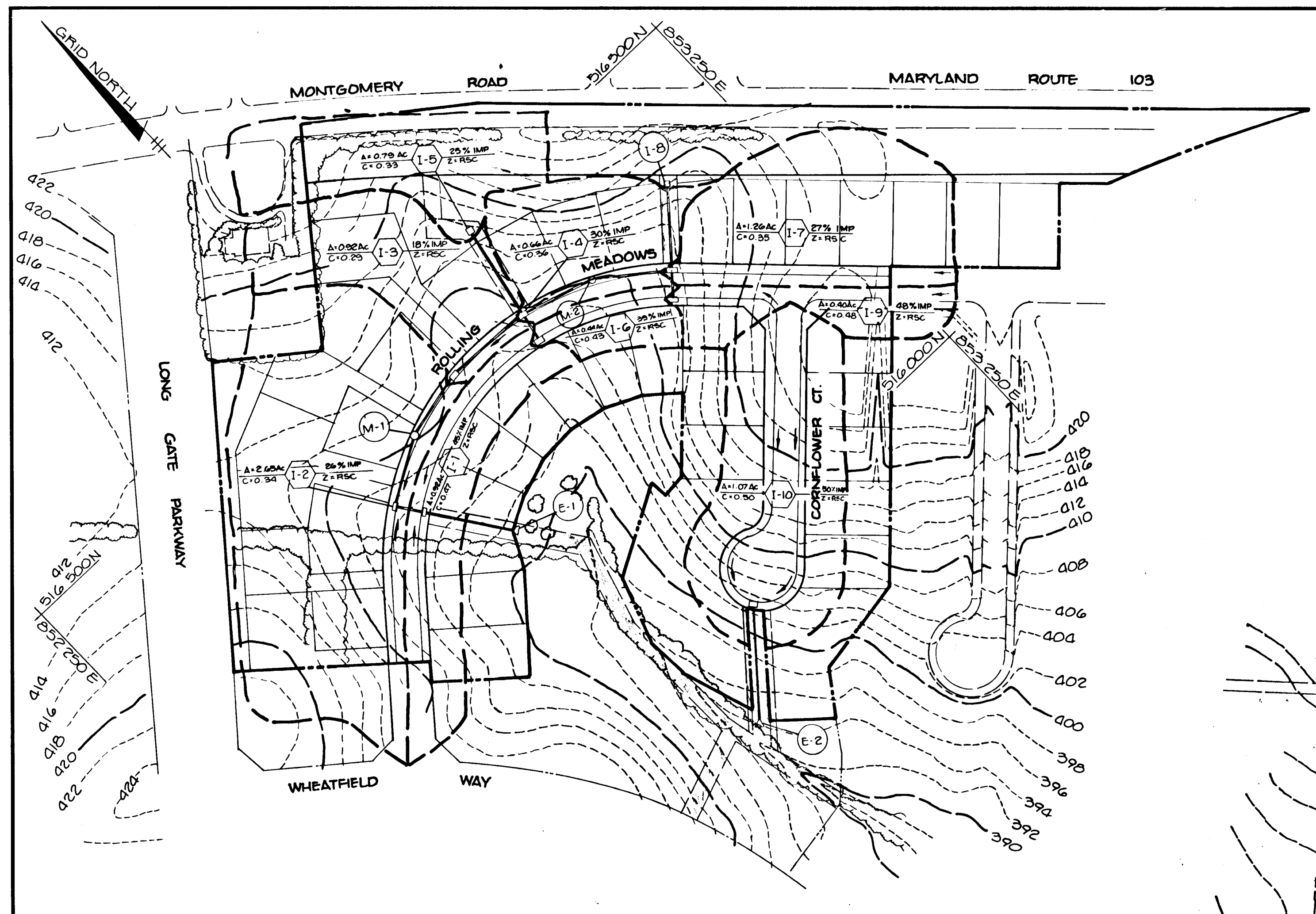
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		2/27/89
CHIEF, LAND DEVELOPMENT DIVISION		DATE
APPROVED: <i>Frank J. McLaughlin</i>		2/18/89
CHIEF, BUREAU OF HIGHWAYS		DATE
APPROVED: <i>William E. Ryan</i>		2/18/89
CHIEF, BUREAU OF ENGINEERING		DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING		
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT		2/12/89
		DATE
NO	DATE	REVISION

TRACY, SCHULTE & ASSOCIATES INC.
planning • architecture • engineering

8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

OWNER / DEVELOPER:	PROJECT:
SECURITY DEVELOPMENT CORP. P.O. BOX 417 ELICOTT CITY, MARYLAND 21043	LONG GATE SECTION 3, AREA 2
LOCATION:	TITLE:
PARCEL NO. 15 TAX MAP NO. 30 ZONING MAP NO. 30 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	PROFILES OF ROLLING MEADOWS, CORNFLOWER CT., AND STORM DRAINS
DATE:	PROJECT NO:
OCTOBER 5, 1988	0038
SCALE:	DRAWING:
HORIZ. 1" = 50' VERT. 1" = 5'	2 OF 6

1162



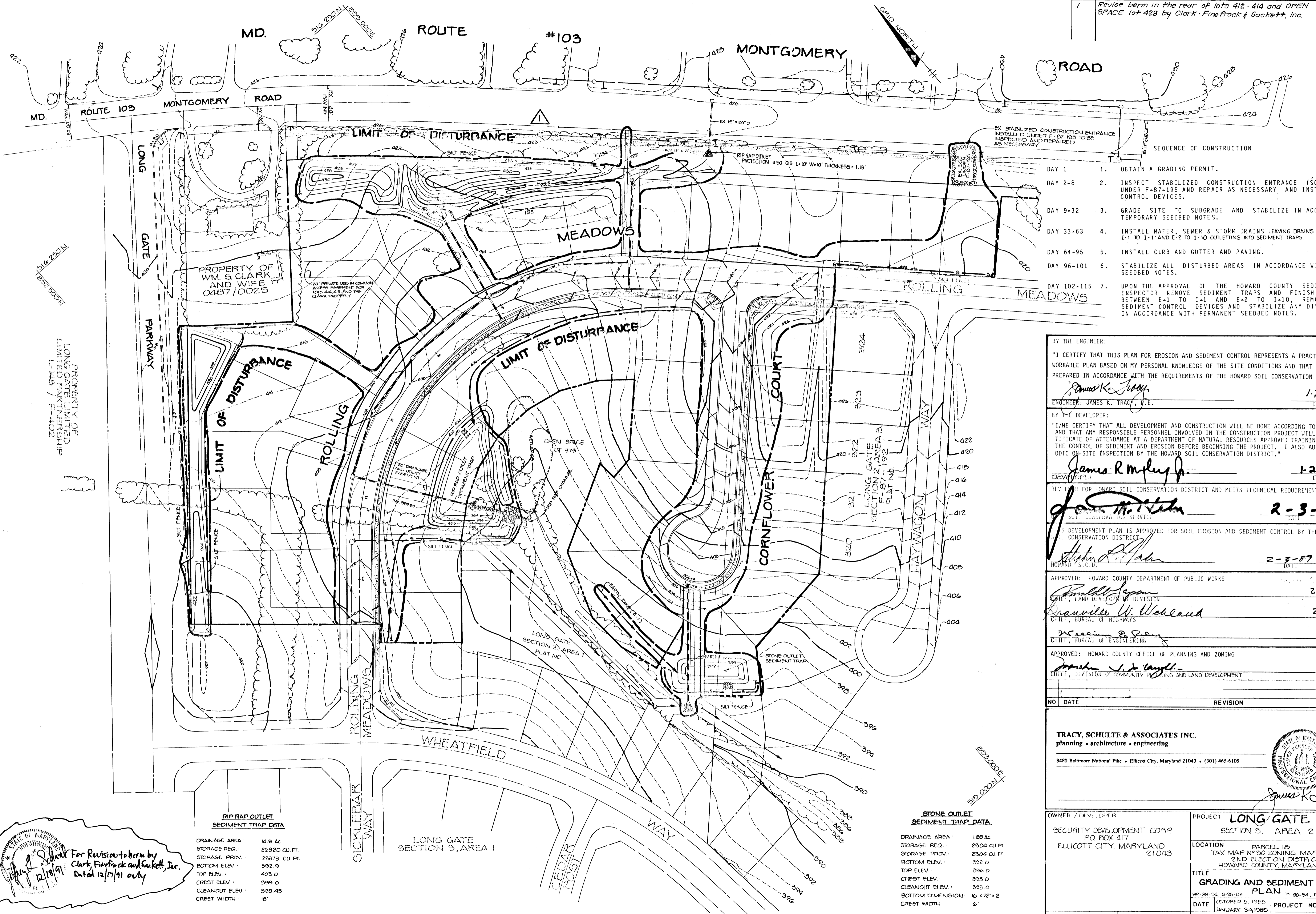
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James K. Tracy 2/27/89
 CHIEF, LAND DEVELOPMENT DIVISION
Drayville W. Whitehead 2/11/89
 CHIEF, BUREAU OF HIGHWAYS
W. S. S. S. S. 2/28/89
 CHIEF, BUREAU OF ENGINEERING
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Janice S. S. S. 2/27/89
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

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OWNER / DEVELOPER: SECURITY DEVELOPMENT CORP
 PROJECT: LONG GATE SECTION 3, AREA 2
 LOCATION: PARCEL NO 18
 TAX MAP NO 30 ZONING MAP NO 30
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 TITLE: DETAILS, DRAINAGE AREA MAPS, AND STORM DRAIN PROFILES
 DATE: OCTOBER 5, 1988
 PROJECT NO: 0038
 SCALE: AS SHOWN
 DRAWING: 3 OF 6

1162

N ^o	REVISIONS	Date
1	Revise berm in the rear of lots 412-414 and OPEN SPACE lot 428 by Clark, Finefrock & Sackett, Inc.	12-17-91



EX STABILIZED CONSTRUCTION ENTRANCE INSTALLED UNDER F-87-195 TO BE INSPECTED AND REPAIRED AS NECESSARY.

SEQUENCE OF CONSTRUCTION

DAY	DESCRIPTION
DAY 1	1. OBTAIN A GRADING PERMIT.
DAY 2-8	2. INSPECT STABILIZED CONSTRUCTION ENTRANCE (SCE) INSTALLED UNDER F-87-195 AND REPAIR AS NECESSARY AND INSTALL SEDIMENT CONTROL DEVICES.
DAY 9-32	3. GRADE SITE TO SUBGRADE AND STABILIZE IN ACCORDANCE WITH TEMPORARY SEEDBED NOTES.
DAY 33-63	4. INSTALL WATER, SEWER & STORM DRAINS LEAVING DRAINS BETWEEN E-1 TO 1-1 AND E-2 TO 1-10 OUTLETTING INTO SEDIMENT TRAPS.
DAY 64-95	5. INSTALL CURB AND GUTTER AND PAVING.
DAY 96-101	6. STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDBED NOTES.
DAY 102-115	7. UPON THE APPROVAL OF THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR REMOVE SEDIMENT TRAPS AND FINISH STORM DRAINS BETWEEN E-1 TO 1-1 AND E-2 TO 1-10, REMOVE REMAINING SEDIMENT CONTROL DEVICES AND STABILIZE ANY DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDBED NOTES.

BY THE ENGINEER:

"I 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."

James K. Tracy
 ENGINEER: JAMES K. TRACY, P.E. 1-27-89
 DATE

BY THE DEVELOPER:

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY 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."

James R. Miley Jr.
 DEVELOPER: JAMES R. MILEY JR. 1-27-89
 DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

John W. White
 SOIL CONSERVATION DISTRICT 2-3-89
 DATE

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

John W. White
 HOWARD S.C.D. 2-3-89
 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Donald L. Logan
 CHIEF, LAND DEVELOPMENT DIVISION 2/27/89
 DATE

Branville W. Wehland
 CHIEF, BUREAU OF HIGHWAYS 2/18/89
 DATE

Wesley B. Ray
 CHIEF, BUREAU OF ENGINEERING 2/28/89
 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Donna J. Langell
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT 7/2/91
 DATE

NO	DATE	REVISION

TRACY, SCHULTE & ASSOCIATES INC.
 planning • architecture • engineering

8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

James K. Tracy

OWNER / DEVELOPER	PROJECT
SECURITY DEVELOPMENT CORP. PO BOX 417 ELICOTT CITY, MARYLAND 21043	LONG GATE SECTION 3, AREA 2
LOCATION	TITLE
PARCEL 10 TAX MAP NO 30 ZONING MAP NO 30 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND.	GRADING AND SEDIMENT CONTROL PLAN
DATE	PROJECT NO
OCTOBER 5, 1988 JANUARY 30, 1989	0038
DES DAM	DRN JH/MM
SCALE 1" = 50'	DRAWING 4 OF 6

RIP RAP OUTLET SEDIMENT TRAP DATA

DRAINAGE AREA	14.9 AC
STORAGE REQ.	26820 CU. FT.
STORAGE PROV.	28878 CU. FT.
BOTTOM ELEV.	392.9
TOP ELEV.	403.0
CREST ELEV.	399.0
CLEANOUT ELEV.	393.45
CREST WIDTH	16'

LONG GATE SECTION 3, AREA 1

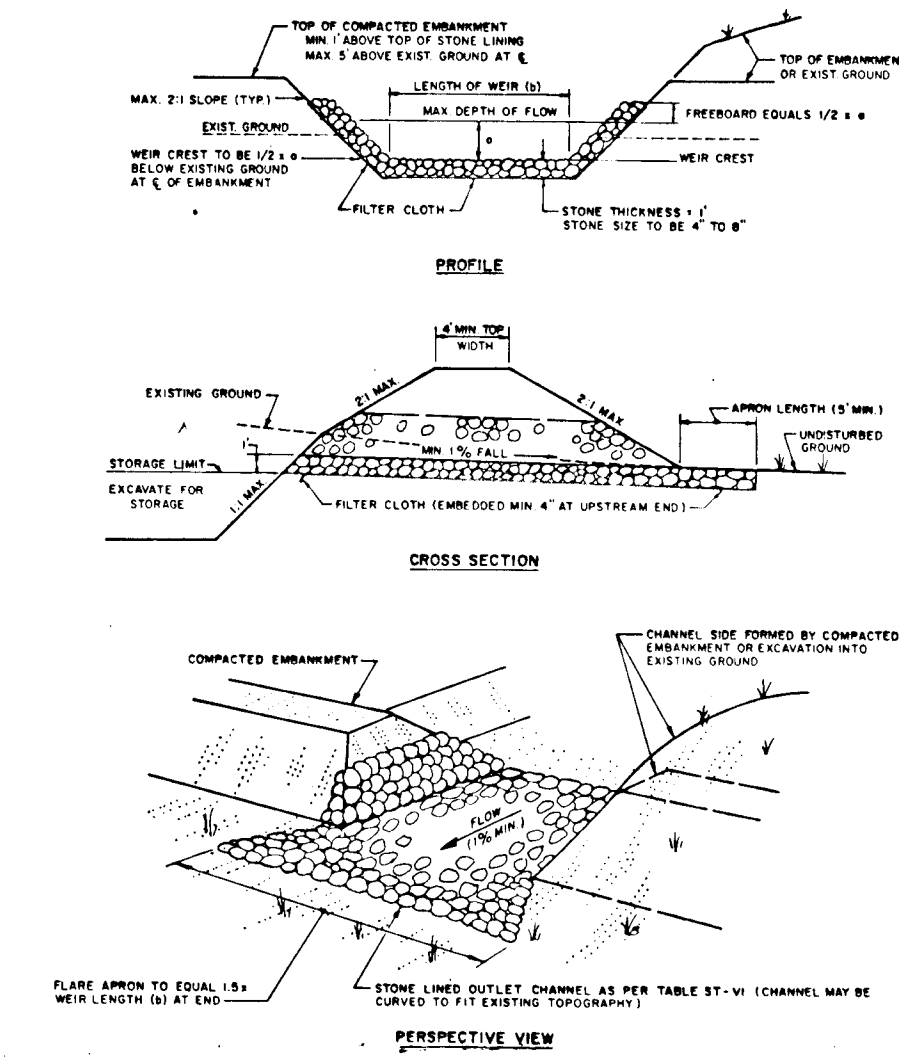
STONE OUTLET SEDIMENT TRAP DATA

DRAINAGE AREA	1.28 AC
STORAGE REQ.	2304 CU. FT.
STORAGE PROV.	2304 CU. FT.
BOTTOM ELEV.	392.0
TOP ELEV.	396.0
CREST ELEV.	395.0
CLEANOUT ELEV.	393.0
BOTTOM DIMENSION	16' x 72' x 2'
CREST WIDTH	6'

1162

For Revision to berm by Clark, Finefrock and Sackett, Inc. Dated 12/17/91 only

12/17/91



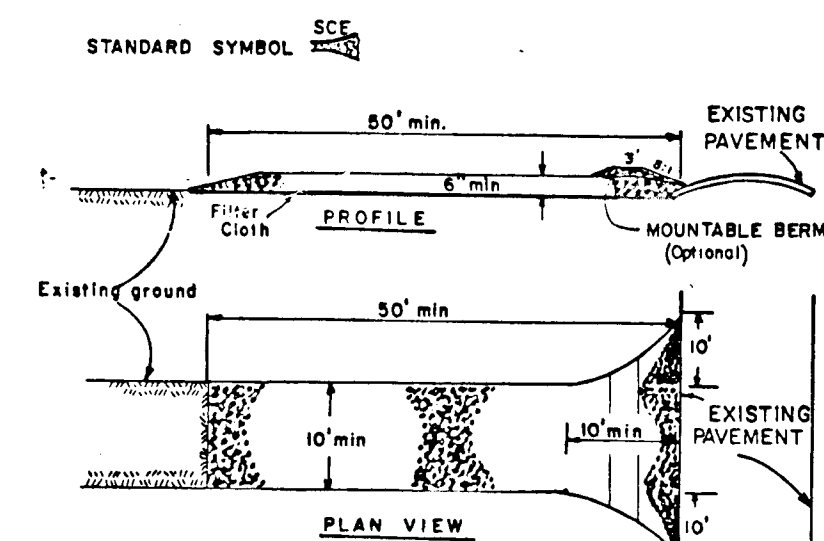
Maryland SCS/WRA April 1983

CONSTRUCTION SPECIFICATIONS FOR ST-WT

- The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- The fill material for the embankment shall be free of roots or other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed. Maximum height of embankment shall be five (5) feet, measured at centerline of embankment.
- All fill slopes shall be 2:1 or flatter; cut slopes 1:1 or flatter.
- Elevation of the top of any dike directing water into trap must equal or exceed the height of embankment.
- Storage area provided shall be figured by computing the volume available behind the outlet channel up to an elevation of one (1) foot below the level weir crest.
- Filter cloth shall be placed over the bottom and sides of the outlet channel prior to placement of stone. Sections of fabric must overlap at least one (1) foot with section nearest the entrance placed on top. Fabric shall be embedded at least six (6) inches into existing ground at entrance of outlet channel.
- Stone used in the outlet channel shall be four (4) to eight (8) inches (largest). To provide a filtering effect, a layer of filter cloth shall be embedded one (1) foot back into the upstream face of the outlet screen or a one (1) foot thick layer of two (2) inch or finer aggregate shall be placed on the upstream face of the outlet.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
- The structure shall be inspected after each rain and repaired as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
- The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
- Drainage area for this practice is limited to 15 acres or less.

**RIP RAP OUTLET
SEDIMENT TRAP**

NO SCALE

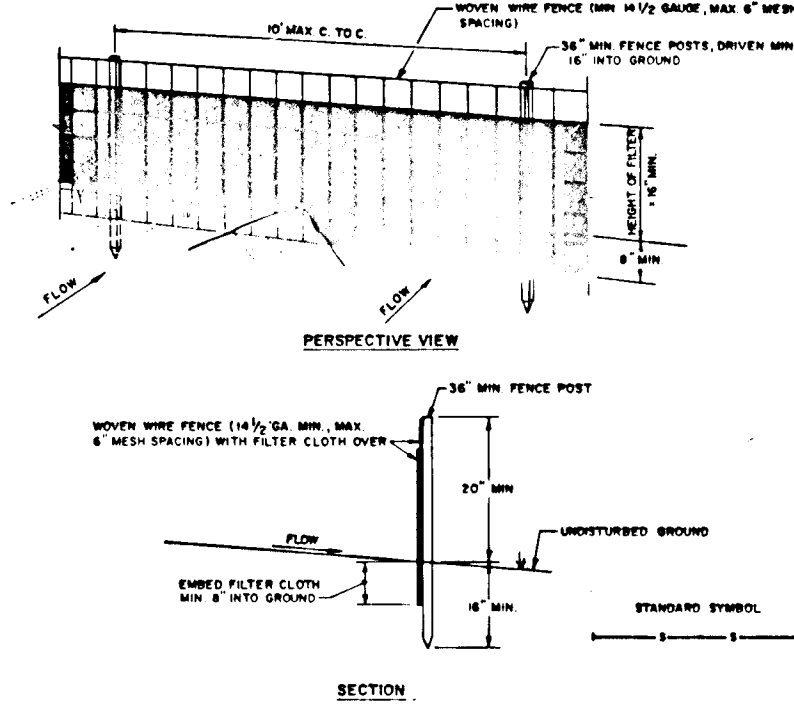


CONSTRUCTION SPECIFICATIONS

- Stone Size - Use 2" stone, or recycled or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mounded berm with 5:1 slopes will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and/or removal of any material used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

**STABILIZED CONSTRUCTION
ENTRANCE**

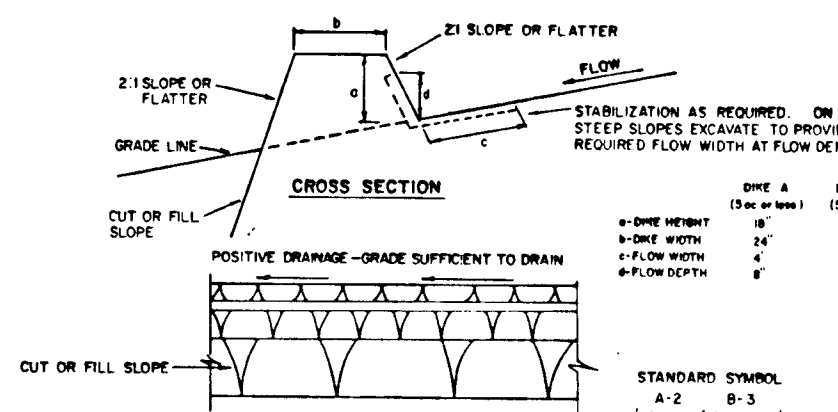
NO SCALE



CONSTRUCTION NOTES FOR PREPARED SILT FENCE

- When wire fence to be fastened securely to fence posts with wire ties or staples.
- Filter cloth to be fastened securely to wire fence with ties spaced every 20" at top and mid section.
- When two sections of filter cloth, sixteen (16) inches they shall be overlapped by six (6) inches and folded.
- Maintenance shall be performed as needed and material removed when "mats" develop in the silt fence.

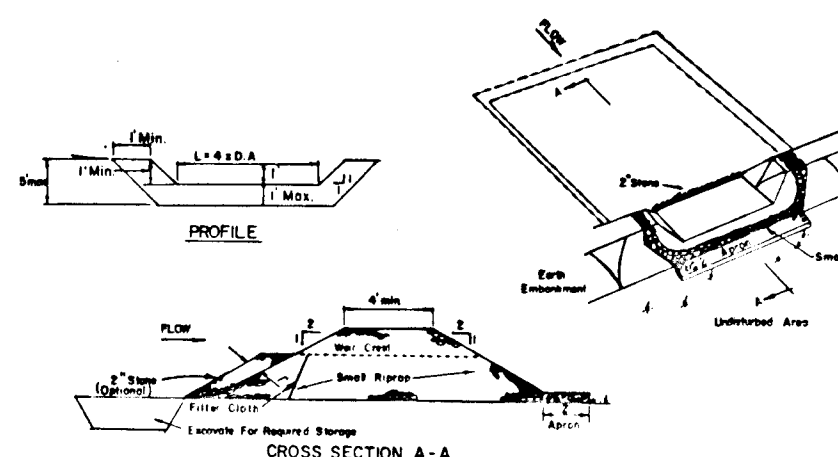
**SILT FENCE
NO SCALE**



CONSTRUCTION SPECIFICATIONS

- All dikes shall be compacted by earth-moving equipment.
 - Top dikes shall have positive drainage to an outlet.
 - Top dikes may be wider and side slopes may be flatter if desired to facilitate crossing by construction traffic.
 - Field conditions should be adjusted as needed to utilize a stabilized safe outlet.
 - Earth dikes shall have an outlet that functions with a minimum of erosion. Sump basins where either the dike channel, or the drainage area above the dike are not completely stabilized.
 - Stabilization shall be: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON, (B) FLOW CHANNEL AS PER THE CHART BELOW.
- | TYPE OF CHANNEL | CHANNEL WIDTH | DIKE A | DIKE B |
|-----------------|---------------|----------------------|-----------------------|
| 1 | 5-15.0' | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
| 2 | 3.1-5.0' | SEED AND STRAW MULCH | SEED MULCH WITH 2\"/> |

**EARTH DIKE
NO SCALE**



CONSTRUCTION SPECIFICATIONS FOR ST-W

- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- The fill material for the embankment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
- All cut and fill slopes shall be 2:1 or flatter.
- The stone used in the outlet channel shall be small riprap 4-8" along with a 2" thickness of 2" aggregate placed on the upstream side on the small riprap 25 embedded filter cloth in the trap.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
- The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

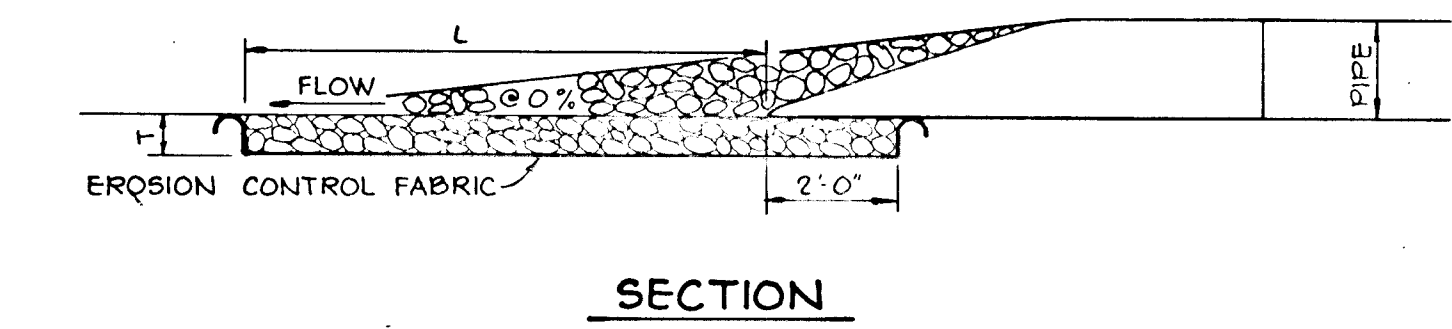
**STONE OUTLET
SEDIMENT TRAP
NO SCALE**

Maximum Drainage Area: 5 Acres

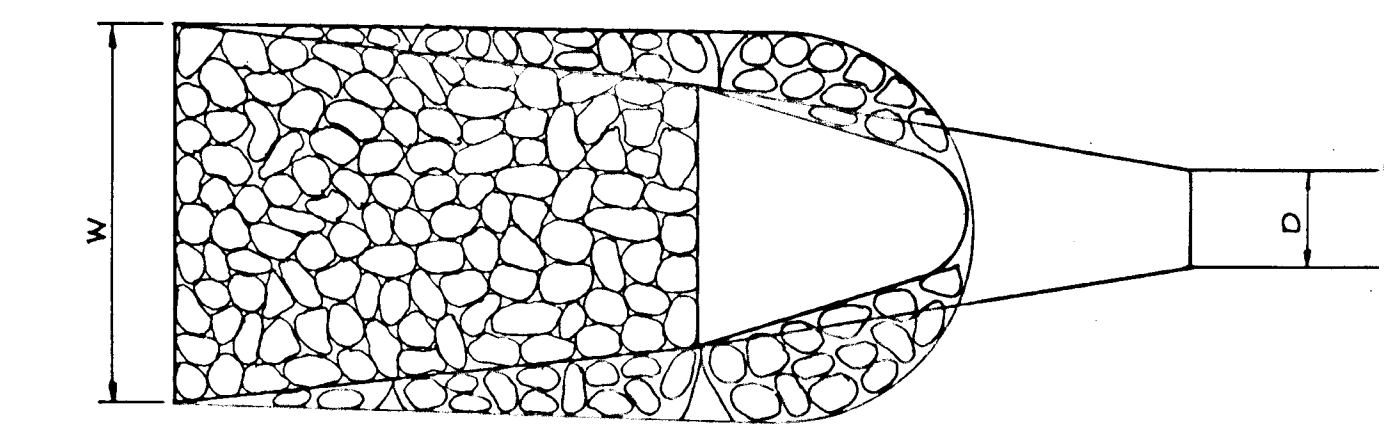
SEDIMENT CONTROL NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (Sec. 51) SOD (Sec. 54), TEMPORARY SEEDING (Sec. 50) AND MULCHING (Sec. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:

TOTAL AREA OF SITE	11.374 ACRES
AREA DISTURBED	4.65 ACRES
AREA TO BE ROOFED OR PAVED	0.98 ACRES
AREA TO BE VEGETATIVELY STABILIZED	3.70 ACRES
TOTAL CUT	2856 CU. YDS.
TOTAL FILL	7294 CU. YDS.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.
- ALL SEDIMENT TRAPS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.



SECTION



PLAN

STRUCTURE	d - 50	LENGTH (L)	WIDTH (W)	THICKNESS (T)
E-1	0.5'	10'	10'	1.13'
E-2	0.5'	8'	10'	1.13'

**OUTLET PROTECTION DETAIL
NO SCALE**

BY THE ENGINEER:
"I 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."
James K. Tracy, Jr.
ENGINEER: JAMES K. TRACY, JR. 1-27-89 DATE

BY THE DEVELOPER:
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY 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."
James R. Moxley, Jr.
DEVELOPER: JAMES R. MOXLEY, JR. 1-27-89 DATE
SECURITY DEVELOPMENT CORPORATION, PRESIDENT

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
John A. Schulte
U.S. SOIL CONSERVATION SERVICE 2-3-89 DATE

THE DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
John A. Schulte
HOWARD S.C.D. 2-3-89 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Paul D. Eason 2/27/89 DATE
CHIEF, LAND DEVELOPMENT DIVISION
Sharonelle W. Wehlauch 2/18/89 DATE
CHIEF, BUREAU OF HIGHWAYS
William R. Ray 2/28/89 DATE
CHIEF, BUREAU OF ENGINEERING

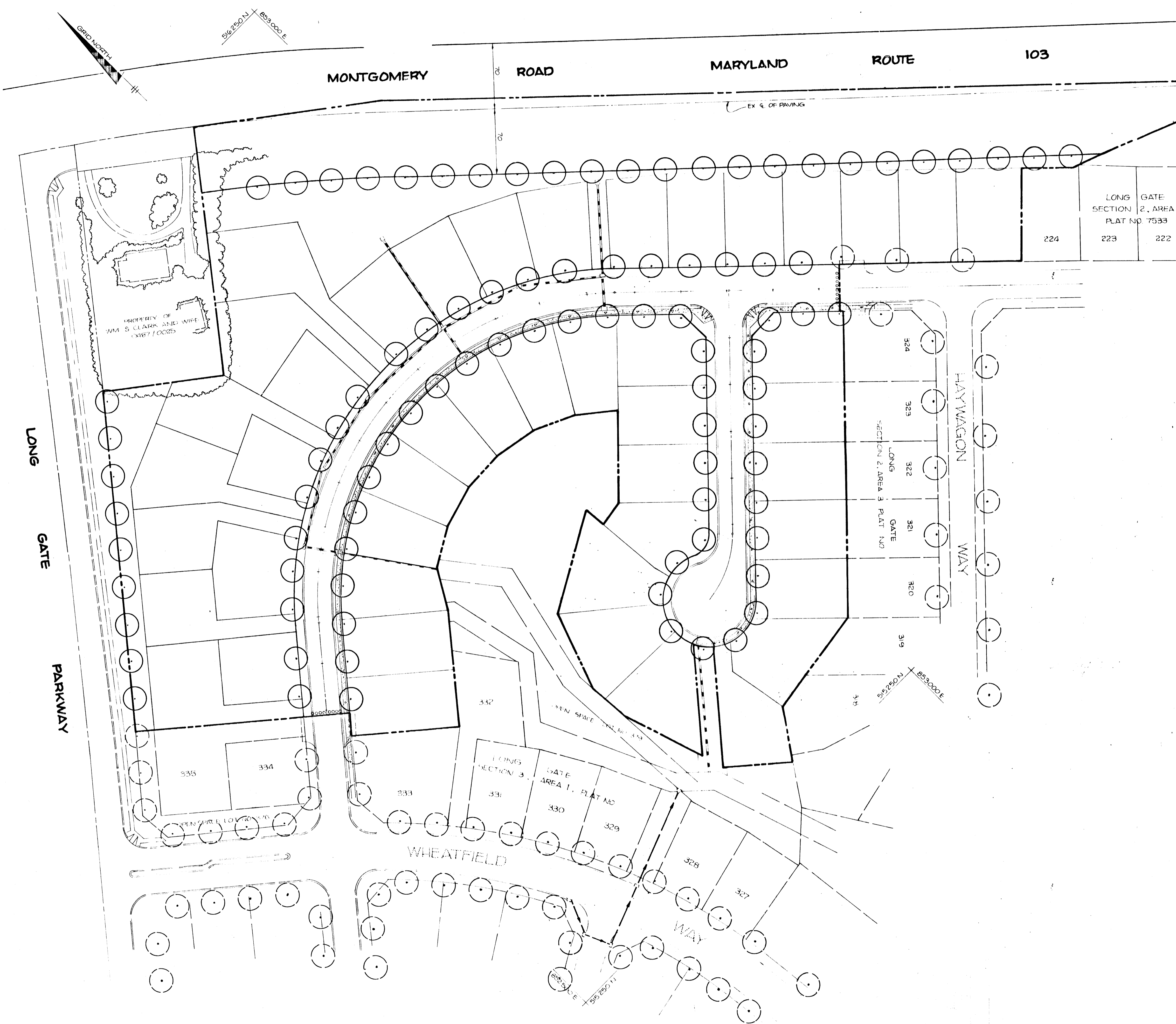
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Jack V. J. Taylor 2/18/89 DATE
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

NO	DATE	REVISION

TRACY, SCHULTE & ASSOCIATES INC.
planning • architecture • engineering
8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105
James K. Tracy

OWNER / DEVELOPER: SECURITY DEVELOPMENT CORP. P.O. BOX 417, ELlicOTT CITY, MARYLAND 21043
PROJECT: LONG GATE SECTION 3, AREA 2
LOCATION: PARCEL NO. 18, TAX MAP NO. 30, ZONING MAP NO. 30, 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
TITLE: SEDIMENT CONTROL DETAILS
WP-88-54, S-88-08, P-88-34, F-89-07
DATE: OCTOBER 5, 1988 PROJECT NO: 0038
JANUARY 30, 1989
DES. DAM. DRN. M.M. SCALE: AS SHOWN DRAWING 5 OF 6

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PLANT LIST			
SYMBOL	QUANTITY	NAME	REMARKS
○		ACER RUBRUM Red Maple	2 1/2 MIN. CAL. B and B FULL HEAD
○		GLIEDIOLA TRIANCANTHOS INERMIS Thornless Honey Locust	
○		PLATANUS ACERIFOLIA London Planetree	
TOTAL	92		
○		EXISTING TREE INSTALLED UNDER F-87-192 AND F-89-69	

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Paul H. Johnson 2/27/89
 CHIEF, LAND DEVELOPMENT DIVISION DATE
Granville W. Welland 2/18/89
 CHIEF, BUREAU OF HIGHWAYS DATE
William S. Ray 2/28/89
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Mark S. McLaughlin 2-12-89
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

NO	DATE	REVISION

TRACY, SCHULTE & ASSOCIATES INC.
 planning • architecture • engineering
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

Tracy Schulte

OWNER / DEVELOPER: SECURITY DEVELOPMENT CORP.
 PO BOX 417
 ELICOTT CITY, MARYLAND 21043

PROJECT: LONG GATE SECTION 3, AREA 2

LOCATION: PARCEL NO. 16
 TAX MAP NO. 30 ZONING MAP NO. 20
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE: PLANTING PLAN
 WP-88-54, S-88-08, P-88-24, F-89-67
 DATE: OCTOBER 5, 1988 PROJECT NO. 0028
 JANUARY 29, 1989

DES: DAM DRN: JH/MM SCALE: 1" = 50' DRAWING: 6 OF 6

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