

SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT PLAN
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5	SEDIMENT CONTROL PLAN
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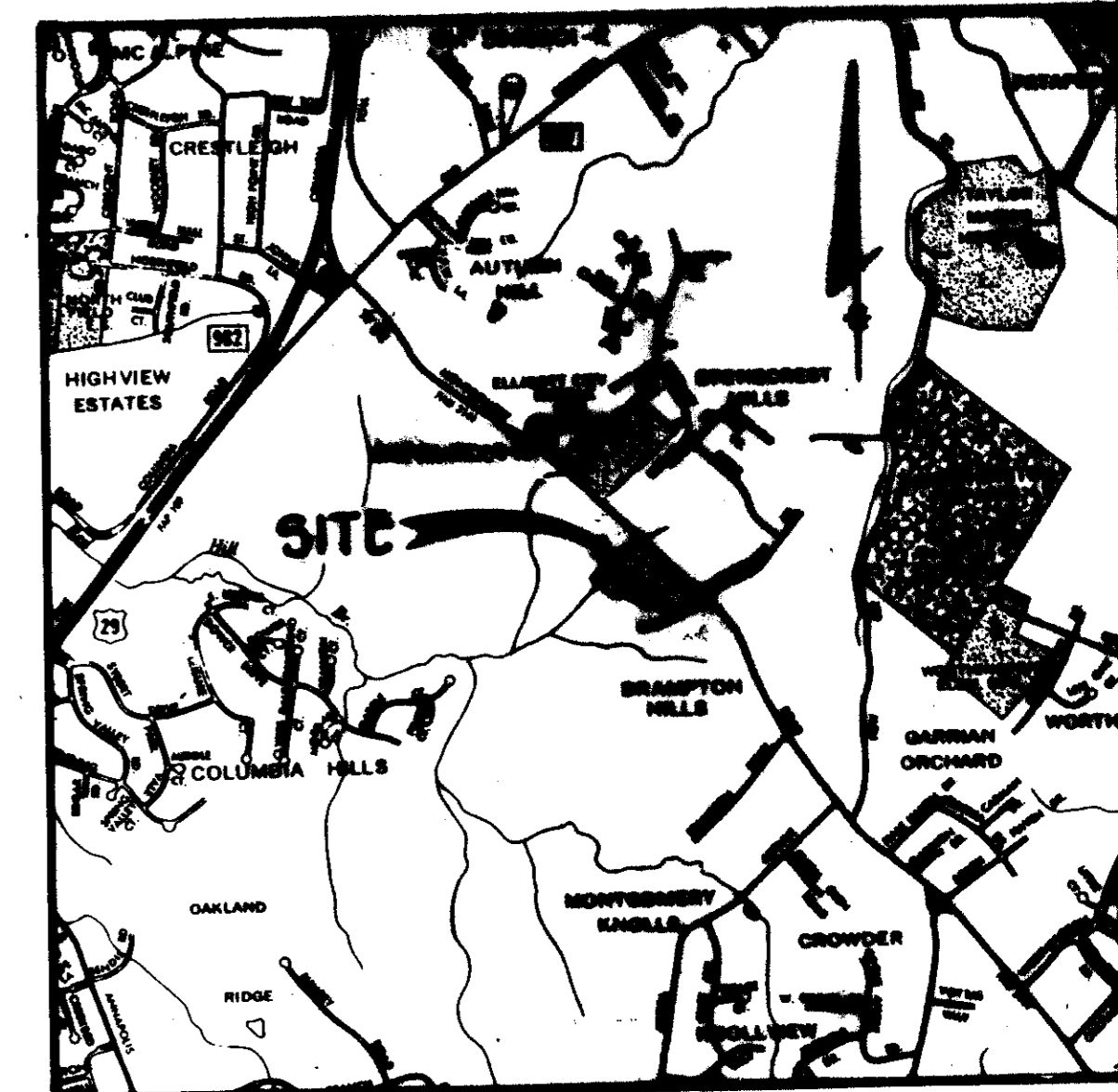
SITE DEVELOPMENT PLAN

LONG GATE

SECTION 1, AREA 4

2ND ELECTION DISTRICT

HOWARD COUNTY, MARYLAND



VICINITY MAP
SCALE: 1" = 2000'

BM # 3043001 R CONCRETE MONUMENT AT X IN TRANSMISSION LINES BACK OF SCHOOL. ELEV. 457.910

BM # 3043002 R CONCRETE MONUMENT 0.5' BELOW SURFACE 14' N.W. 1/4 OLD COLUMBIA PIKE 175' N.E. & COOKS LANE. ELEV. 377.561

GENERAL NOTES

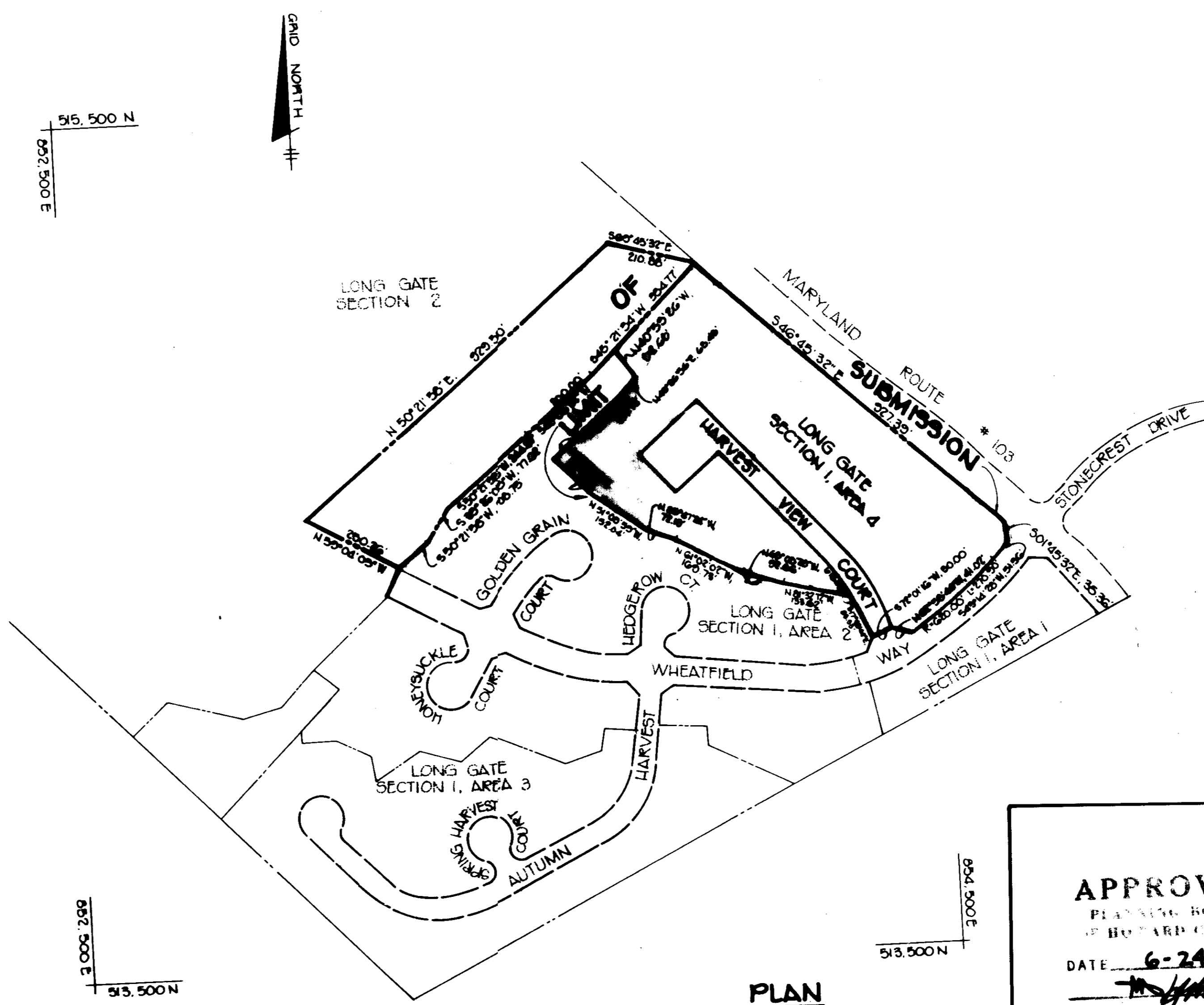
- ALL WATER LINES SHALL BE CONSTRUCTED A MINIMUM OF 42" COVER BELOW FINISHED GRADE.
- CORRUGATED STEEL PIPE SECTIONS WILL BE JOINED WITH A SINGLE OR TWO PIECE CORRUGATED BAND WITH A WATERTIGHT NEOPRENE GASKET. DIMPLETED BAND CONNECTORS WILL NOT BE PERMITTED.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR 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 OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THIS/ THESE DRAWINGS:

C & P TELEPHONE COMPANY	725-9976
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
AT&T CABLE LOCATION DIVISION	393-3553
BALTIMORE GAS AND ELECTRIC COMPANY	685-0123
STATE HIGHWAY ADMINISTRATION	531-5533
HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION	992-2417/2418

- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT \circ OR ELEVATIONS.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITH 2'-0" OF EXTERIOR MANHOLE WALLS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT TO SUBGRADE.
- TOPO TAKEN FROM AERIAL PHOTOGRAMMETRY BY MAPPING ASSOCIATES, FLOWN AUGUST, 1986.
- GARAGE SHALL BE USED FOR PARKING PURPOSES ONLY, EXCEPT LOT 124, IN ACCORDANCE WITH SECTION 127 B 2 b (1b) OF THE HOWARD COUNTY ZONING REGULATIONS
- TRASH REMOVAL SHALL BE THE RESPONSIBILITY OF THE HOMEOWNERS ASSOCIATION
- STORM WATER MANAGEMENT PROVIDED UNDER F-66-135

SITE DATA

TOTAL AREA THIS SUBMISSION	(410482.00 ±) 0.63 AC				
PRESENT ZONING	R-5C				
	F84-134 LONG GATE 1/1	F66-95 LONG GATE 1/2	F66-120 LONG GATE 1/3	F87-50 LONG GATE 1/4	TOTAL
TOTAL UNITS ALLOWED	20,328	58,712	40,004	57,050	174
TOTAL UNITS PROPOSED	7	46	—	79	174
PARKING SPACES REQUIRED (2 PER UNIT)	—	—	—	1654	—
PARKING SPACES PROVIDED (2 PER UNIT)	—	—	—	—	—
OPEN SPACE (GREEN AREA TO REMAIN ON SITE)	3.05 AC				
BUILDING COVERAGE OF LOTS - MAXIMUM	40%				
* COMMON PARKING AREAS	124				
GARAGES	22				
DRIVEWAYS	19				



ADDRESS CHART					
LOT NO.	STREET ADDRESS	LOT NO.	STREET ADDRESS	LOT NO.	STREET ADDRESS
107	0510 HARVEST VIEW COURT	135	0549 HARVEST VIEW COURT	163	0566 HARVEST VIEW COURT
108	0516 "	136	0551 "	164	0564 "
109	0514 "	137	0553 "	165	0562 "
110	0512 "	138	0555 "	166	0560 "
111	0510 "	139	0557 "	167	0578 "
112	0508 "	140	0559 "	168	0576 "
113	0506 "	141	0561 "	169	0574 "
114	0504 "	142	0563 "	170	0572 "
115	0502 "	143	0565 "	171	0570 "
116	0500 "	144	0567 "	172	0568 "
117	0498 "	145	0569 "	173	0566 "
118	0496 "	146	0571 "	174	0564 "
119	0494 "	147	0573 "	175	0562 "
120	0492 "	148	0575 "	176	0560 "
121	0490 "	149	0577 "	177	0558 "
122	0488 "	150	0579 "	178	0556 "
123	0486 "	151	0581 "	179	0554 "
124	0484 "	152	0583 "	180	0552 "
125	0482 "	153	0585 "	181	0550 "
126	0480 "	154	0587 "	182	0548 "
127	0478 "	155	0589 "	183	0546 "
128	0476 "	156	0591 "	184	0544 "
129	0474 "	157	0593 "	185	0542 "
130	0472 "	158	0595 "	186	0540 "
131	0470 "	159	0597 "	187	0538 "
132	0468 "	160	0599 "	188	0536 "
133	0466 "	161	0601 "	189	0534 "
134	0464 "	162	0603 "	190	0532 "

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 6-24-87

SUBDIVISION NAME	LONG GATE	SECT. / AREA	1 / 4	LOT / PARCEL #	107 - 130
PLAT OR L.P.	716 - 7180	BLOCK #	741	ZONE	R-2C
MAPER CODE	F-00	TAX / ZONE MAP SELECT ORS.	304 51	CONDUITS	2
		SEWER CODE			60230

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James H. Law 7/2/87
DIRECTOR DATE

John R. Kelly 7-7-87
CHIEF, BUREAU OF ENGINEERING DATE

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

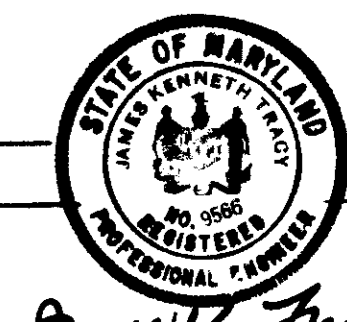
George W. Boyd III 7-10-87
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Wm. Phinney 7-14-87
PLANNING DIRECTOR DATE

John M. ... 7-13-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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5490 Beltsville National Pike • Beltsville, Maryland 21053 • (301) 466-6185

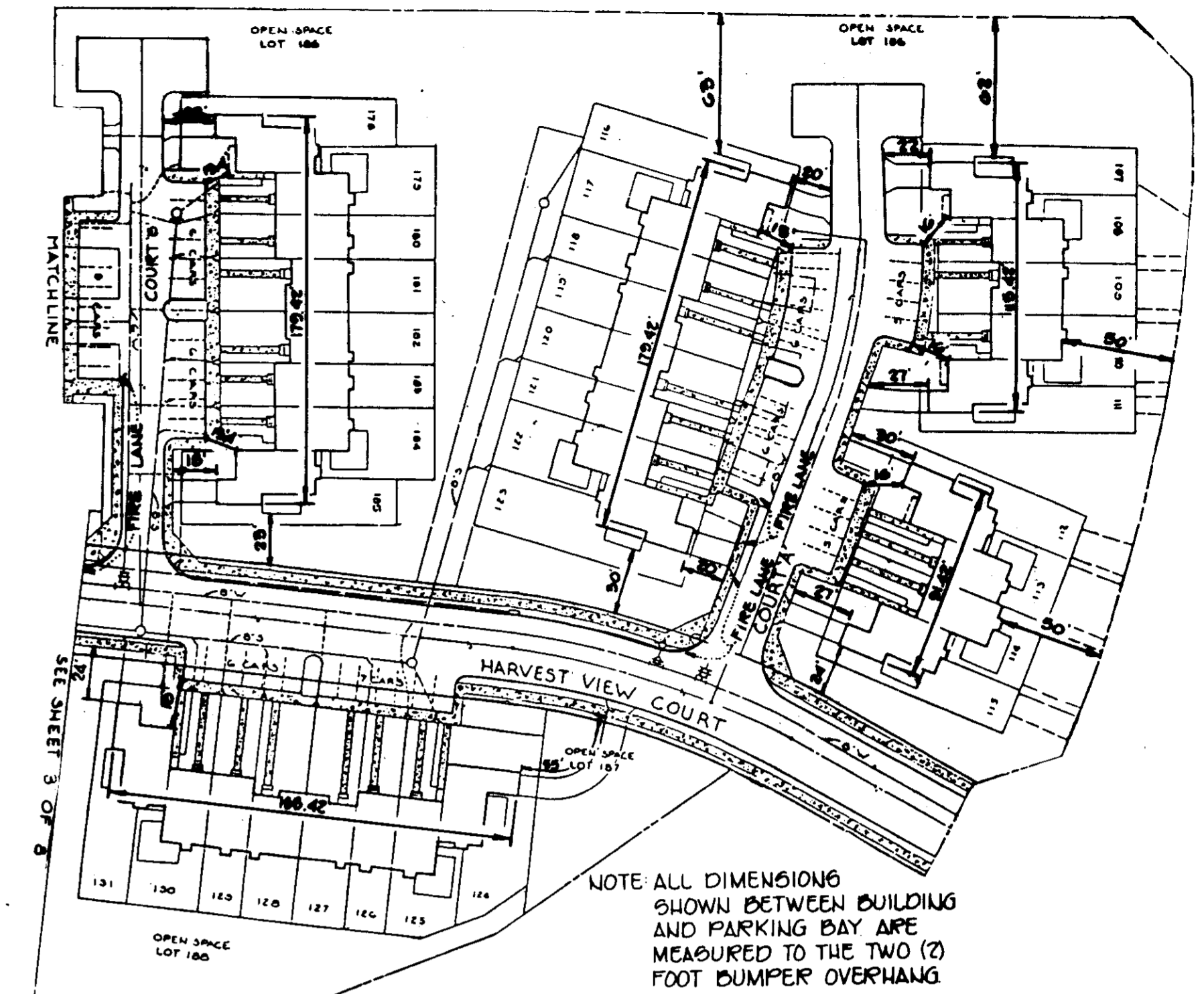
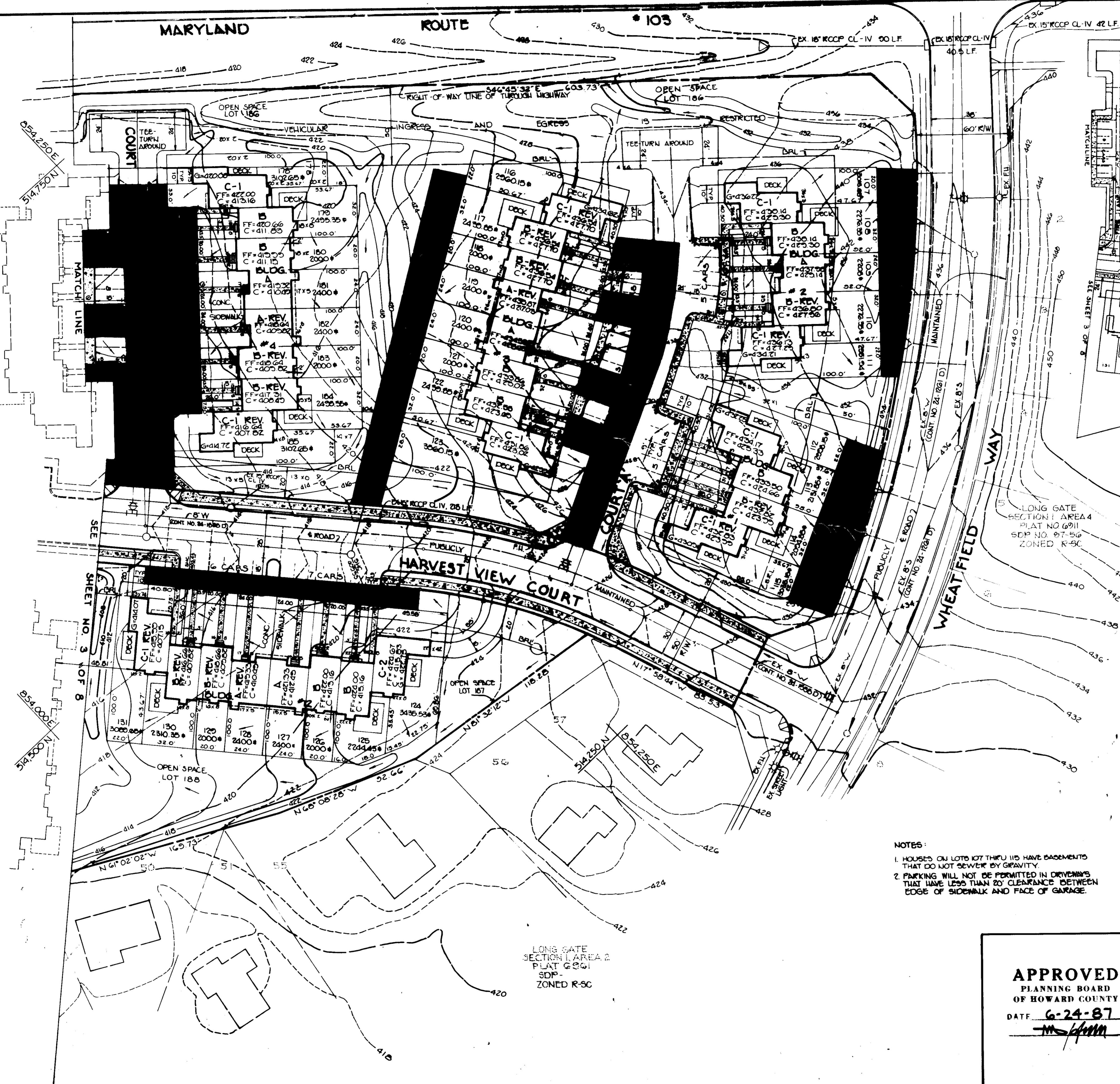


OWNER
CURTIS F. PETERSON
4740 CORRIDOR PLACE
SUITE A
BELTSVILLE, MARYLAND 20805

DEVELOPER
CURTIS F. PETERSON
4740 CORRIDOR PLACE
SUITE A
BELTSVILLE, MARYLAND 20805

DATE: 6-24-87

BY: R/JW



SUPPLEMENTAL DIMENSIONS PLAN
SCALE 1"=60'

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James M. Schwin 7/2/87
DIRECTOR DATE

William B. R. R. R. 7-7-87
CHIEF, BUREAU OF ENGINEERING DATE

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

Joyce E. E. E. 7-10-87
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

W. W. W. 7-14-87
PLANNING DIRECTOR DATE

W. W. W. 7-13-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

NO	DATE	REVISION

TRACY, SCHULTE & ASSOCIATES INC.
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2400 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

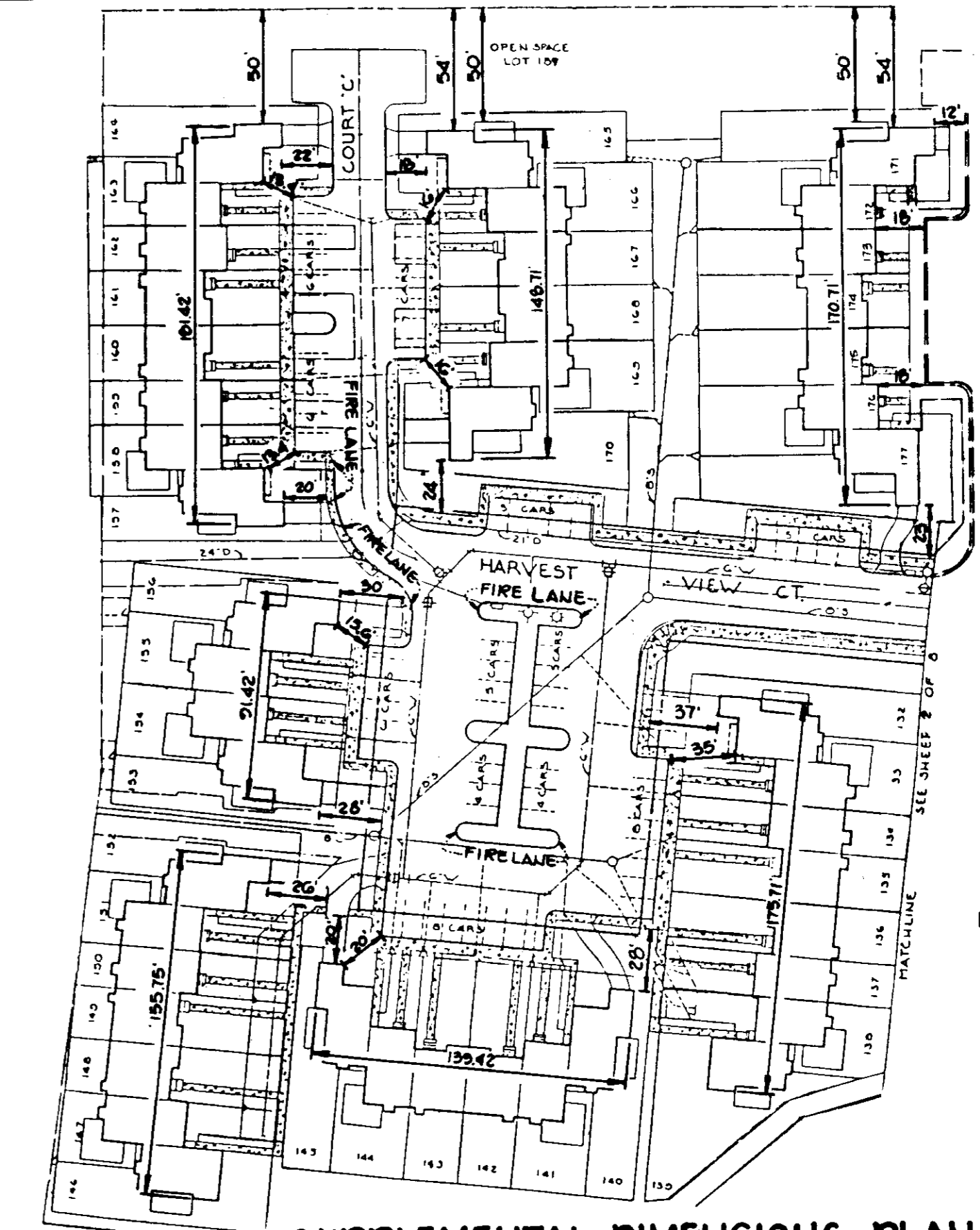


- NOTES:**
1. HOUSES ON LOTS 107 THRU 110 HAVE BASEMENTS THAT DO NOT SEWER BY GRAVITY.
 2. PARKING WILL NOT BE PERMITTED IN DRIVEWAYS THAT HAVE LESS THAN 20' CLEARANCE BETWEEN EDGE OF SIDEWALK AND FACE OF GARAGE.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 6-24-87
M. J. J.

OWNER CURTIS F. PETERSON 4740 CORRIDOR PLACE SUITE A BELTSVILLE, MARYLAND 20705	PROJECT LONG GATE SINGLE FAMILY ATTACHED SECTION 1, AREA 4 LOTS 107 THRU 110
DEVELOPER CURTIS F. PETERSON 4740 CORRIDOR PLACE SUITE A BELTSVILLE, MARYLAND 20705	LOCATION TAX MAP NOS. 30 & 31 PARCEL 18 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE SITE DEVELOPMENT PLAN	DATE 5-27-87
DATE 5-27-87	PROJECT NO. SC-87-SDP
DRAWN RJW	SCALE 1"=30'
DATE 5-27-87	PROJECT NO. SC-87-SDP

SDP-87-188



APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>[Signature]</i> DIRECTOR	DATE
<i>[Signature]</i> CHIEF, BUREAU OF ENGINEERING	7-7-87
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	
<i>[Signature]</i> COUNTY HEALTH OFFICER	7-10-87
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.	
<i>[Signature]</i> PLANNING DIRECTOR	7-14-87
<i>[Signature]</i> CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	7-13-87
NO	DATE
	REVISION

- NOTES
1. HOUSES ON LOTS 107 THRU 115 HAVE BASEMENTS THAT DO NOT SEWER BY GRAVITY
 2. PARKING WILL NOT BE PERMITTED IN DRIVEWAYS THAT HAVE LESS THAN 20' CLEARANCE BETWEEN EDGE OF SIDEWALK AND FACE OF GARAGE

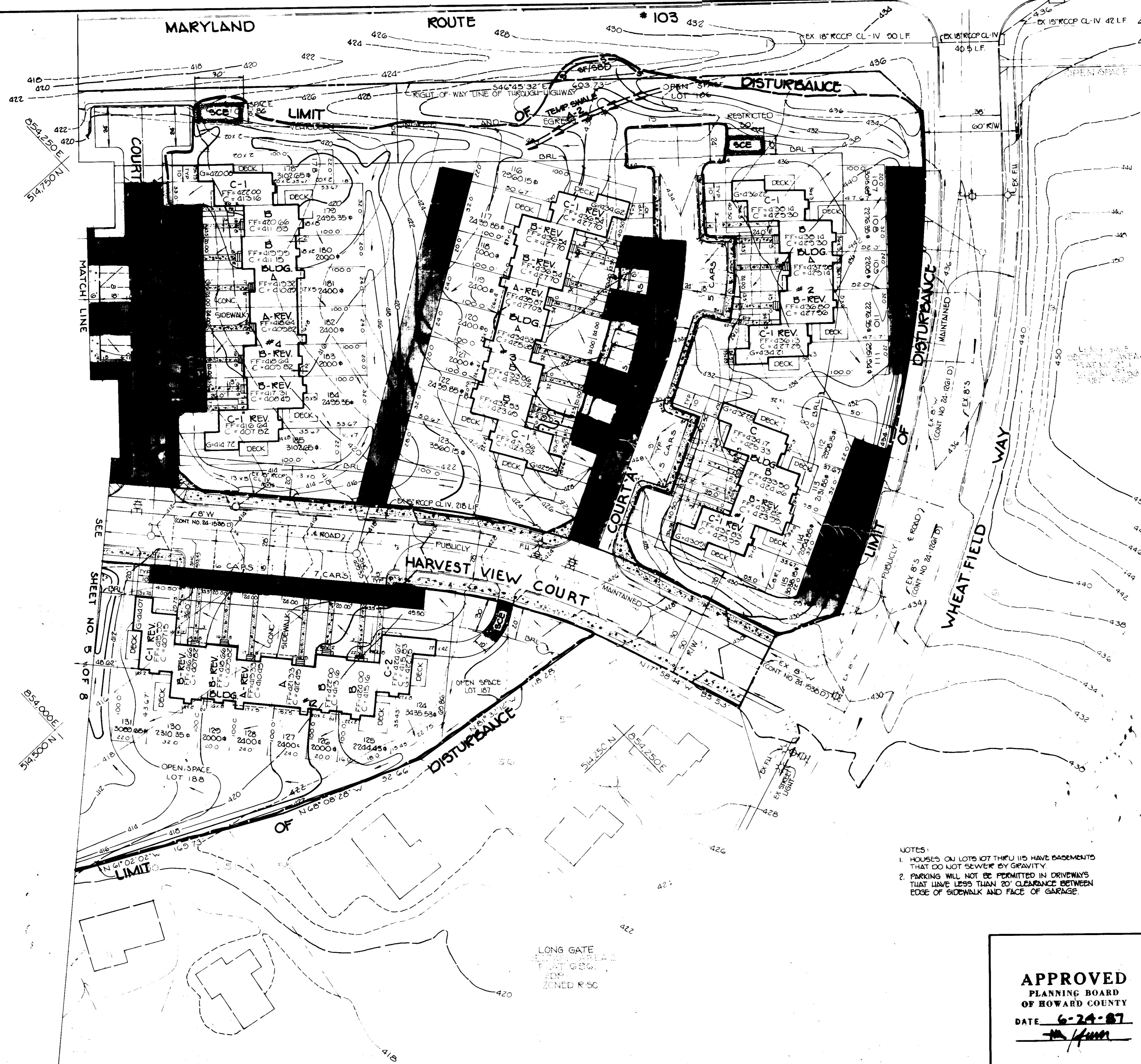
APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 6-24-87
[Signature]

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[Signature]

OWNER CURTIS F. PETERSON 4740 CORRIDOR PLACE SUITE A BELTSVILLE, MARYLAND 20705	PROJECT LONG GATE SINGLE FAMILY ATTACHED SECTION II AREA 4 LOTS 107 THRU 150
DEVELOPER CURTIS F. PETERSON 4740 CORRIDOR PLACE SUITE A BELTSVILLE, MARYLAND 20705	LOCATION TAX MAP NO'S 30 & 31 PARCEL 18 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE SITE DEVELOPMENT PLAN	DATE 3-27-87
DES. RJW	DRN. SAB/KMN
SCALE 1"=30'	PROJECT NO. B658 SDP DRAWING 3 OF 8

SDP-87-188



NOTES:
 1. HOUSES ON LOTS 107 THRU 115 HAVE BASEMENTS THAT DO NOT SINK BY GRAVITY.
 2. PARKING WILL NOT BE PERMITTED IN DRIVEWAYS THAT HAVE LESS THAN 20' CLEARANCE BETWEEN EDGE OF SIDEWALK AND FACE OF GARAGE.

LONG GATE
 SECTION 11
 ZONED R 50

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 6-24-87
[Signature]

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."
[Signature]
 ENGINEER: JAMES K. TRACY, P.E. 3-27-87
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."
[Signature]
 DEVELOPER: EDWARD J. SCHWARTZ - CONTRACT MGR
 CURTIS F. PETERSON 3/27/87
DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
[Signature] 7-1-87
DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
[Signature] 7/1/87
DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 7/1/87
DATE
 DIRECTOR

[Signature] 7-1-87
DATE
 CHIEF, BUREAU OF ENGINEERING

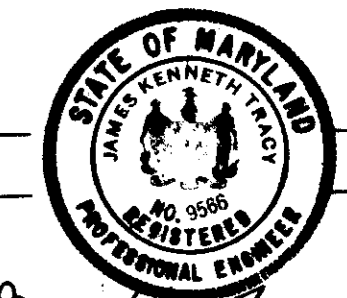
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
[Signature] 7-10-87
DATE
 COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
[Signature] 7-14-87
DATE
 PLANNING DIRECTOR

[Signature] 7-13-87
DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

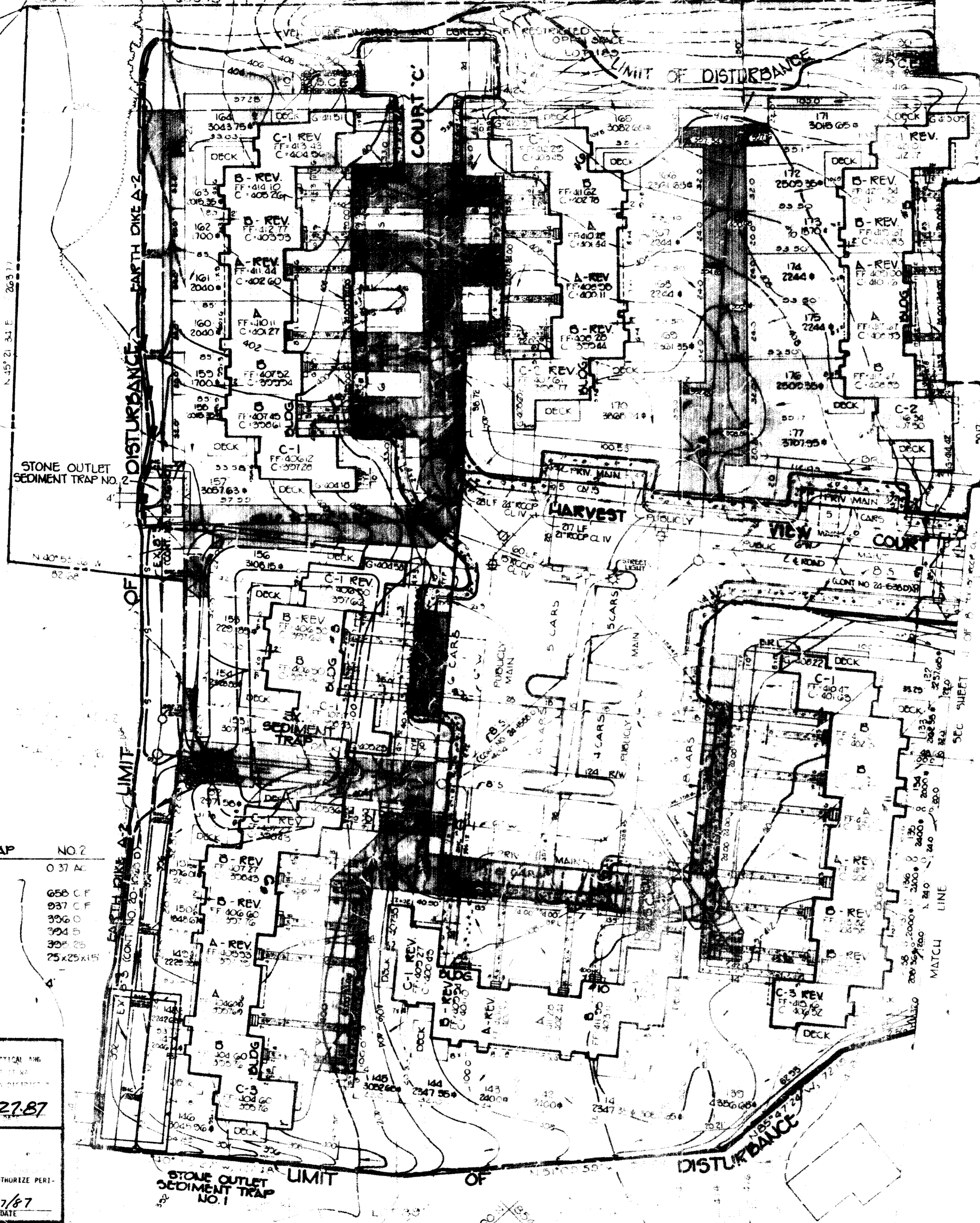
NO	DATE	REVISION

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[Signature]

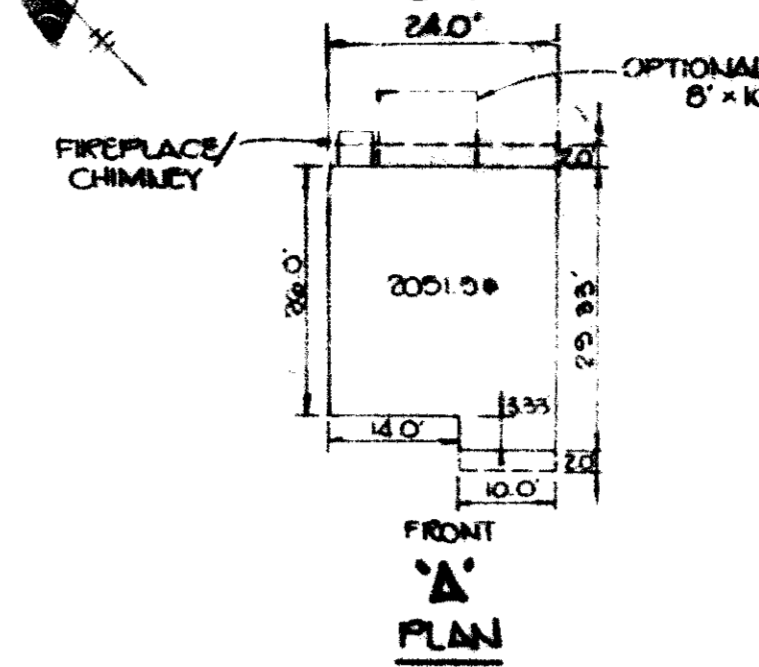


OWNER CURTIS F. PETERSON 4740 CORRIDOR PLACE SUITE A BELTSVILLE, MARYLAND 20705	PROJECT LONG GATE SINGLE FAMILY ATTACHED SECTION 11 LOTS 107 THRU 150	LOCATION TAX MAP NO'S 30 & 31 PARCEL 10 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
	DEVELOPER CURTIS F. PETERSON 4740 CORRIDOR PLACE SUITE A BELTSVILLE, MARYLAND 20705	TITLE SEDIMENT CONTROL PLAN	DATE 3-27-87
DES RJW	DWN SAB	SCALE 1"=20'	PROJECT NO 8658 SDP
		DRAWING 4 OF 6	SDP-87-188

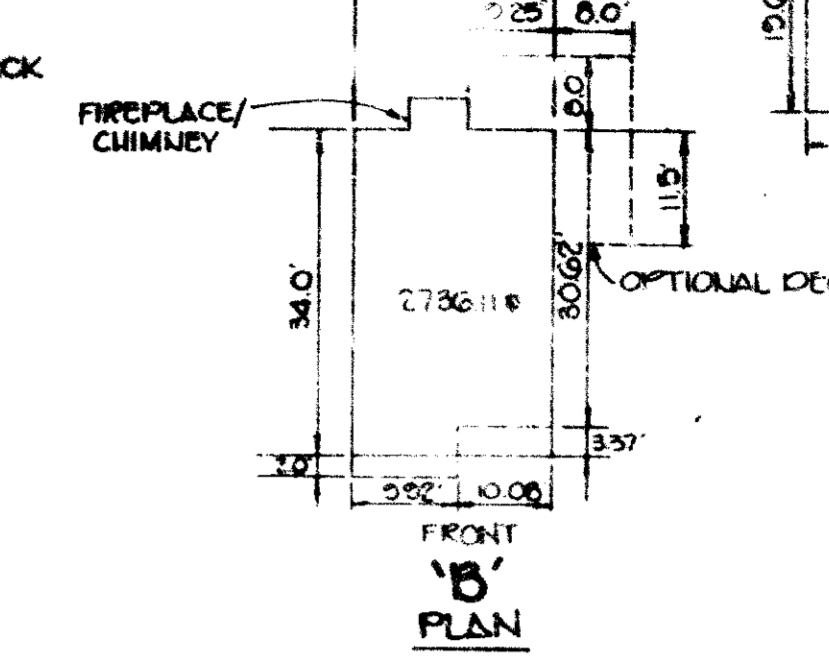
MARYLAND STATE ROUTE #103



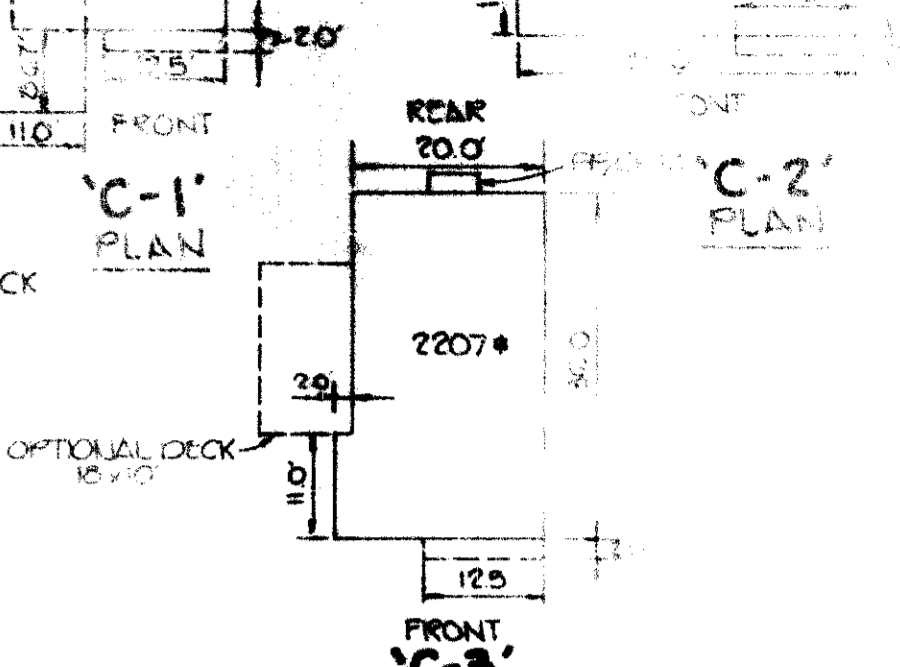
BUILDING UNIT TYPE	COVERAGE	TABULATION
A-1	105.5%	105.5%
B-1	107.5%	107.5%
C-1	108.5%	108.5%
C-2	109.5%	109.5%
C-3	110.5%	110.5%
C-4	111.5%	111.5%
C-5	112.5%	112.5%
C-6	113.5%	113.5%
C-7	114.5%	114.5%
C-8	115.5%	115.5%
C-9	116.5%	116.5%
C-10	117.5%	117.5%
C-11	118.5%	118.5%
C-12	119.5%	119.5%
C-13	120.5%	120.5%
C-14	121.5%	121.5%
C-15	122.5%	122.5%
C-16	123.5%	123.5%
C-17	124.5%	124.5%
C-18	125.5%	125.5%
C-19	126.5%	126.5%
C-20	127.5%	127.5%
C-21	128.5%	128.5%
C-22	129.5%	129.5%
C-23	130.5%	130.5%
C-24	131.5%	131.5%
C-25	132.5%	132.5%
C-26	133.5%	133.5%
C-27	134.5%	134.5%
C-28	135.5%	135.5%
C-29	136.5%	136.5%
C-30	137.5%	137.5%
C-31	138.5%	138.5%
C-32	139.5%	139.5%
C-33	140.5%	140.5%
C-34	141.5%	141.5%
C-35	142.5%	142.5%
C-36	143.5%	143.5%
C-37	144.5%	144.5%
C-38	145.5%	145.5%
C-39	146.5%	146.5%
C-40	147.5%	147.5%
C-41	148.5%	148.5%
C-42	149.5%	149.5%
C-43	150.5%	150.5%
C-44	151.5%	151.5%
C-45	152.5%	152.5%
C-46	153.5%	153.5%
C-47	154.5%	154.5%
C-48	155.5%	155.5%
C-49	156.5%	156.5%
C-50	157.5%	157.5%
C-51	158.5%	158.5%
C-52	159.5%	159.5%
C-53	160.5%	160.5%
C-54	161.5%	161.5%
C-55	162.5%	162.5%
C-56	163.5%	163.5%
C-57	164.5%	164.5%
C-58	165.5%	165.5%
C-59	166.5%	166.5%
C-60	167.5%	167.5%
C-61	168.5%	168.5%
C-62	169.5%	169.5%
C-63	170.5%	170.5%
C-64	171.5%	171.5%
C-65	172.5%	172.5%
C-66	173.5%	173.5%
C-67	174.5%	174.5%
C-68	175.5%	175.5%
C-69	176.5%	176.5%
C-70	177.5%	177.5%
C-71	178.5%	178.5%
C-72	179.5%	179.5%
C-73	180.5%	180.5%
C-74	181.5%	181.5%
C-75	182.5%	182.5%
C-76	183.5%	183.5%
C-77	184.5%	184.5%
C-78	185.5%	185.5%
C-79	186.5%	186.5%
C-80	187.5%	187.5%
C-81	188.5%	188.5%
C-82	189.5%	189.5%
C-83	190.5%	190.5%
C-84	191.5%	191.5%
C-85	192.5%	192.5%
C-86	193.5%	193.5%
C-87	194.5%	194.5%
C-88	195.5%	195.5%
C-89	196.5%	196.5%
C-90	197.5%	197.5%
C-91	198.5%	198.5%
C-92	199.5%	199.5%
C-93	200.5%	200.5%
C-94	201.5%	201.5%
C-95	202.5%	202.5%
C-96	203.5%	203.5%
C-97	204.5%	204.5%
C-98	205.5%	205.5%
C-99	206.5%	206.5%
C-100	207.5%	207.5%



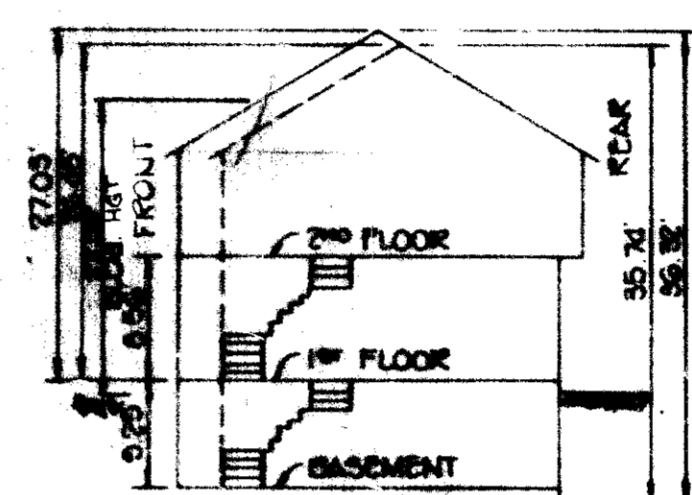
FRONT 'A' PLAN



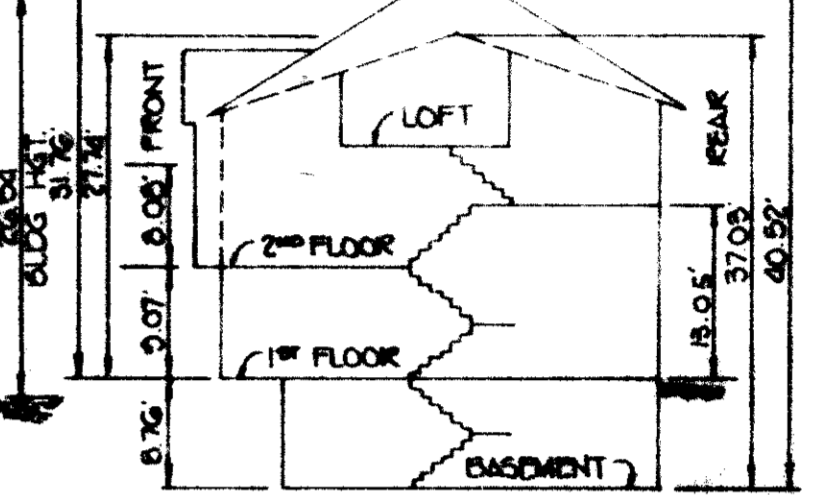
FRONT 'B' PLAN



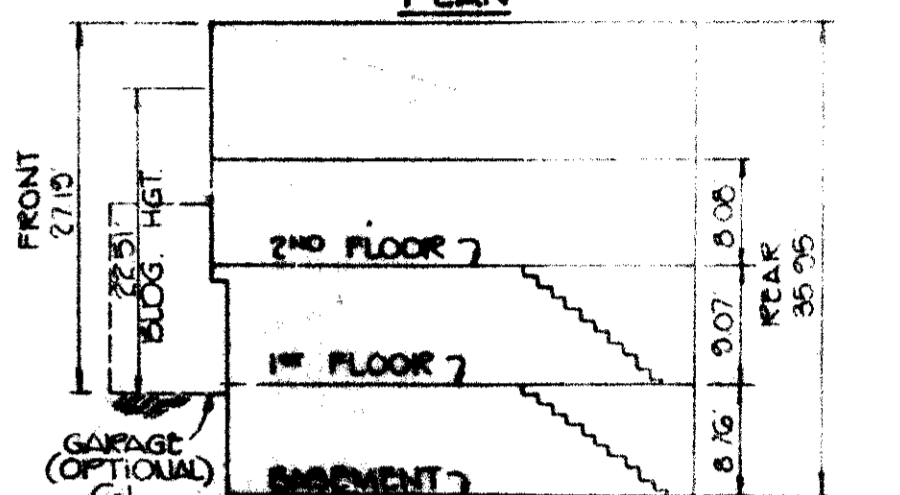
FRONT 'C-1' PLAN



'A' ELEVATION



'B' ELEVATION



'C' ELEVATION

HOUSE SCHEMATICS

NO SCALE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature] 7-1-87
DIRECTOR DATE

[Signature] 7-7-87
CHIEF, BUREAU OF ENGINEERING DATE

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

[Signature] 7-10-87
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

[Signature] 7-14-87
PLANNING DIRECTOR DATE

[Signature] 7-13-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

NO DATE REVISION

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

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[Signature]

OWNER CURTIS F. PETERSON
SUITE A
2500 W. MARYLAND 20715

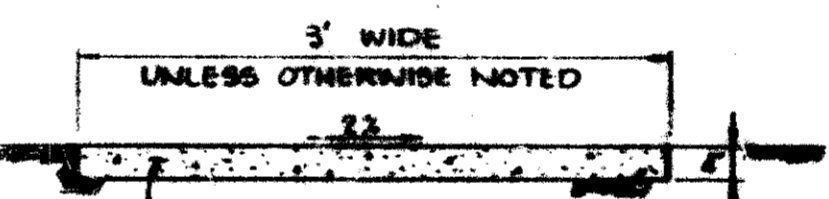
PROJECT GARY
LOCATION TAX MAP NO. 10-1-10
PARCEL 12
2ND ELECTION DISTRICT
HOWARD COUNTY MARYLAND

DEVELOPER CURTIS F. PETERSON
SUITE A
2500 W. MARYLAND 20715

TITLE SEDIMENT CONTROL PLAN AND DETAILS
DATE 3-27-87 PROJECT NO. 8600
DES. RWJ DRN. SAB/KMN SCALE 1" = 30' DRAWING NO. OF

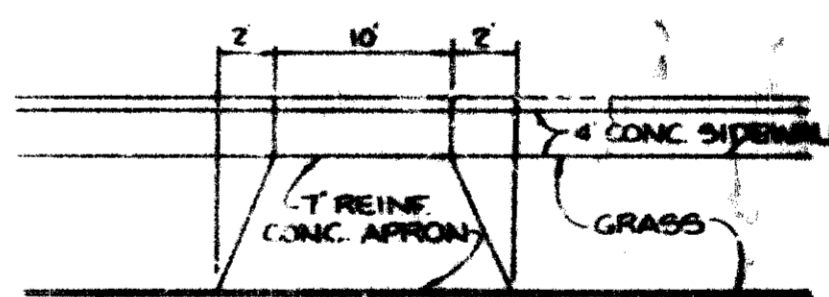
STONE OUTLET SEDIMENT TRAP NO. 1	(F87-50) EXISTING SEDIMENT TRAP NO. 2
DRAINAGE AREA..... 3.92 AC	0.37 AC
STORAGE VOLUME	
REQUIRE..... 5,076 C.F.	658 C.F.
PROVIDED..... 6,300 C.F.	937 C.F.
CREST ELEVATION..... 500.5	306.0
BOTTOM ELEVATION..... 507.5	304.5
CLEANOUT ELEVATION..... 507.0	302.5
BOTTOM DIMENSION..... 30" x 44"	25" x 25" x 15"
TOP ELEVATION..... 500.0	
WEIR LENGTH..... 14'	4'

[Signature] 3-27-87
ALSO AUTHORIZE PERT-
[Signature] 3/27/87
DATE
[Signature] 7-1-87
DATE
[Signature] 7-1-87
DATE



CLASS 'A' CONCRETE
SIDEWALK DETAIL
NO SCALE

NOTE: DRIVEWAY APRON TO BE CONSTRUCTED IN ACCORDANCE WITH DESIGN MANUAL STD. DETAIL NO. R-6-01



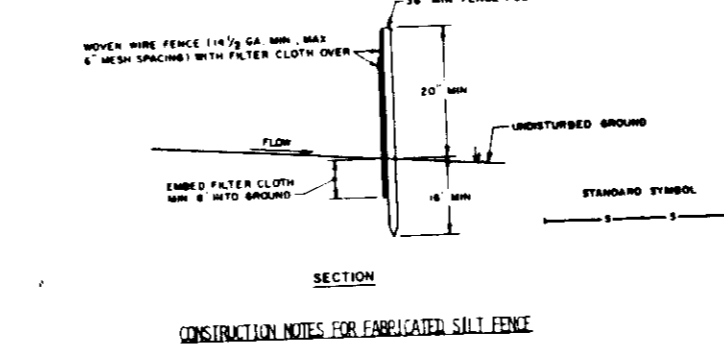
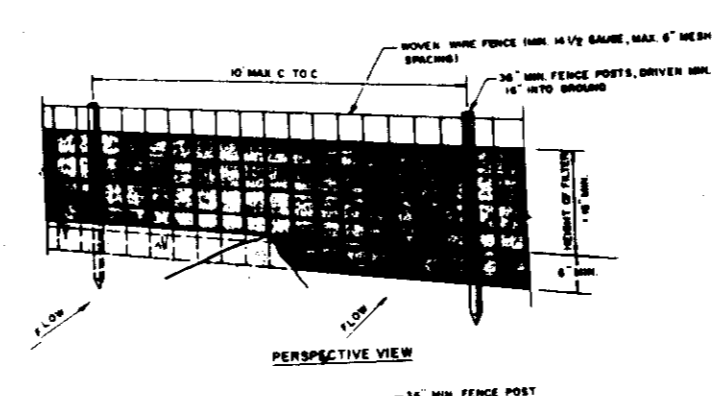
ROADWAY PAVING
DRIVEWAY APRON DETAIL
NO SCALE

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 6-24-87
[Signature]

STORM WATER MANAGEMENT FOR LONG GATE SECTION 1 AREA 4
IS PROVIDED UNDER F-84-135

SEQUENCE OF CONSTRUCTION

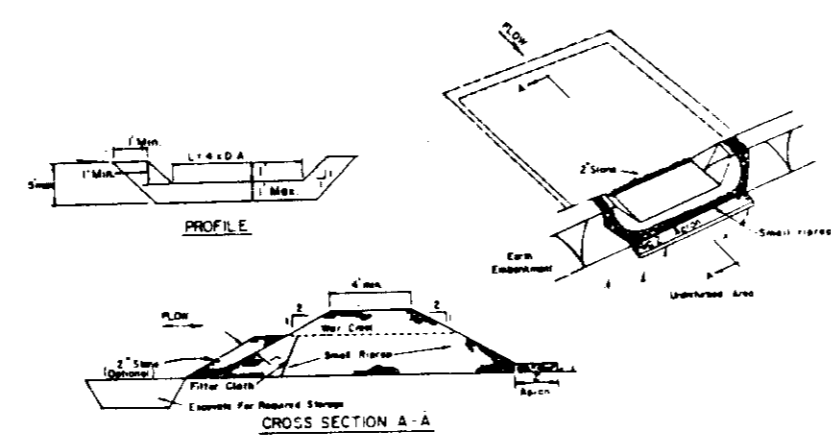
- DAY 1 1. OBTAIN A GRADING PERMIT.
- DAY 1-3 2. INSTALL STABILIZED CONSTRUCTION ENTRANCE (SCE.)
- DAY 3-5 3. INSPECT EXISTING RIPRAP OUTLET SEDIMENT TRAP BUILT BY OTHERS UNDER F-87-50. REPAIR OR REBUILD THIS TRAP AS NECESSARY TO RETURN IT TO OPERATING CONDITION.
- DAY 5-18 4. INSTALL SEDIMENT CONTROL DEVICES i.e.: TEMPORARY SWALES, EARTH DIKES, SILT FENCES/STRAW BALE DIKES AND STONE OUTLET SEDIMENT TRAPS NO. 1 AND NO 2
- DAY 18-48 5. GRADE ENTIRE SITE EXCEPTING BUILDINGS 8 AND 9.
- DAY 48-55 6. STABILIZE ALL DISTURBED AREAS HAVING SLOPES OF 3:1 OR GREATER, IN ACCORDANCE WITH TEMPORARY SEEDING NOTES.
- DAY 55-150 7. FINISH ALL CONSTRUCTION AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
- DAY 150-153 8. UPON APPROVAL OF SEDIMENT CONTROL INSPECTOR, REMOVE EXISTING RIPRAP OUTLET SEDIMENT TRAP. PROCEED WITH CONSTRUCTION OF BUILDINGS 8 AND 9.
- DAY 153-193 9. FINISH ALL CONSTRUCTION AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
- DAY 193-200 10. UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES.



SILT FENCE
NO SCALE

CONSTRUCTION SPECIFICATIONS FOR PERMANENT SILT FENCE:

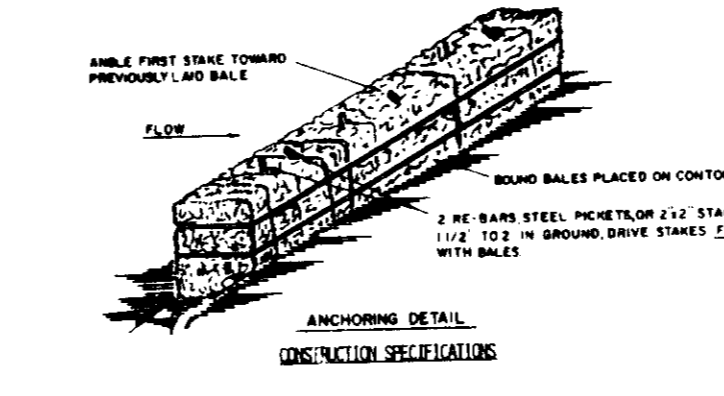
- WHEN THE FENCE IS TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIE STRAPS, THE FENCE CLOSURE TO BE FASTENED SECURELY TO WIRE TIE STRAPS WITH THE STRAPS CARRYING AT LEAST ONE END OF THE SECTION.
- WHEN THE SECTION IS FILTER CLOTH, THE FILTER CLOTH SHALL BE FASTENED TO THE WIRE TIE STRAPS BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND REPAIRS MADE AS NECESSARY TO MAINTAIN THE SILT FENCE.



STONE OUTLET SEDIMENT TRAP
NO SCALE

CONSTRUCTION SPECIFICATIONS FOR STONE OUTLET SEDIMENT TRAP:

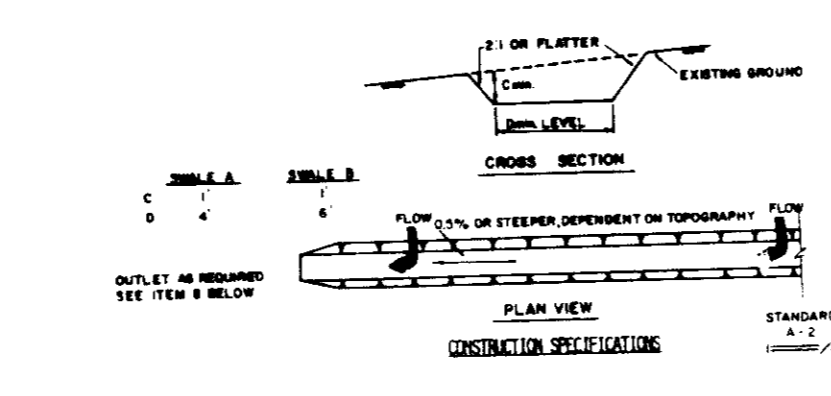
- ALL STONE OUTLET SEDIMENT TRAPS SHALL BE CONSTRUCTED WITH A 12" DIAMETER STONE OUTLET PIPE AND A 12" DIAMETER STONE TRAP.
- THE STONE TRAP SHALL BE CONSTRUCTED WITH A 12" DIAMETER STONE TRAP AND A 12" DIAMETER STONE TRAP.
- THE STONE TRAP SHALL BE CONSTRUCTED WITH A 12" DIAMETER STONE TRAP AND A 12" DIAMETER STONE TRAP.
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- THE STONE TRAP SHALL BE CONSTRUCTED WITH A 12" DIAMETER STONE TRAP AND A 12" DIAMETER STONE TRAP.



STRAW BALE DIKE
NO SCALE

CONSTRUCTION SPECIFICATIONS:

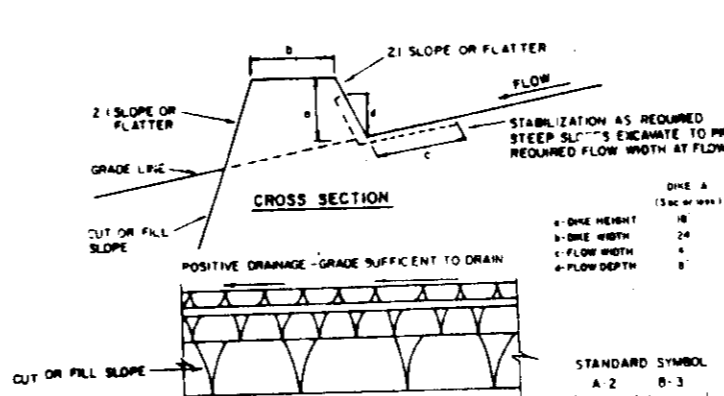
- BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ONE END OF THE BALE POINTING UPWARD.
- BALES SHALL BE PLACED IN A ROW WITH ONE END OF THE BALE POINTING UPWARD.
- BALES SHALL BE PLACED IN A ROW WITH ONE END OF THE BALE POINTING UPWARD.
- BALES SHALL BE PLACED IN A ROW WITH ONE END OF THE BALE POINTING UPWARD.
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- BALES SHALL BE PLACED IN A ROW WITH ONE END OF THE BALE POINTING UPWARD.



TEMPORARY SWALE
NO SCALE

CONSTRUCTION SPECIFICATIONS:

- ALL TEMPORARY SWALES SHALL BE CONSTRUCTED WITH A 12" DIAMETER STONE TRAP AND A 12" DIAMETER STONE TRAP.
- ALL TEMPORARY SWALES SHALL BE CONSTRUCTED WITH A 12" DIAMETER STONE TRAP AND A 12" DIAMETER STONE TRAP.
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- ALL TEMPORARY SWALES SHALL BE CONSTRUCTED WITH A 12" DIAMETER STONE TRAP AND A 12" DIAMETER STONE TRAP.



EARTH DIKE
NO SCALE

CONSTRUCTION SPECIFICATIONS:

- ALL EARTH DIKES SHALL BE CONSTRUCTED WITH A 12" DIAMETER STONE TRAP AND A 12" DIAMETER STONE TRAP.
- ALL EARTH DIKES SHALL BE CONSTRUCTED WITH A 12" DIAMETER STONE TRAP AND A 12" DIAMETER STONE TRAP.
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- ALL EARTH DIKES SHALL BE CONSTRUCTED WITH A 12" DIAMETER STONE TRAP AND A 12" DIAMETER STONE TRAP.

SEDIMENT CONTROL NOTES:

- 1) A PERMIT TO DISTURB MUST BE OBTAINED FROM THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).
- 2) 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 NATIONWIDE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERMITS EXCEPT CONTROL STRUCTURES, DICES, PERMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 4) 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.
- 5) ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 NATIONWIDE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. FOR PERMANENT SEEDING (S.C. 317 500 (S.C. 507), TEMPORARY SEEDING (S.C. 50) AND MULCHING (S.C. 52), TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 6) ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSON FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

7) SITE ANALYSIS:

TOTAL AREA OF SITE	200 ACRES
AREA TO BE DISTURBED	100 ACRES
AREA TO BE VEGETATIVELY STABILIZED	100 ACRES
TOTAL FILL	100 CU YDS.
OPPOSITE WASTE/BORROW AREA LOCATION	100 CU YDS.

8) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

9) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

10) 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.

PERMANENT SEEDING NOTES

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- 1) PREPARED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 1b/1000 kg ft) AND 100 LBS PER ACRE 10-10-10 FERTILIZER (14 1b/1000 kg ft) BEFORE SEEDING.
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 1b/1000 kg ft) AND 100 LBS PER ACRE 10-10-10 FERTILIZER (14 1b/1000 kg ft) BEFORE SEEDING.
- 3) BARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 75 BUREL PER ACRE OF ANNUAL RYE (1.7 1b/1000 kg ft) OF KENTUCKY 31 PALL PEGGIE PER ACRE AND 2 LBS PER ACRE (.05 1b/1000 kg ft) OF WHEAT LIVERGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PRACTICE AS POSSIBLE IN THE SPRING, OPTION (2) USE 500 (OPTION (3) USE 600 LBS/ACRE KENTUCKY 31 PALL PEGGIE AND 100 LBS/ACRE (.05 1b/1000 kg ft) OF UNBLENDED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TONS OR 218 GALLONS PER ACRE (5 1b/1000 kg ft) OF UNBLENDED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 gal/1000 kg ft) FOR ANCHORING.

MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.

TEMPORARY SEEDING NOTES

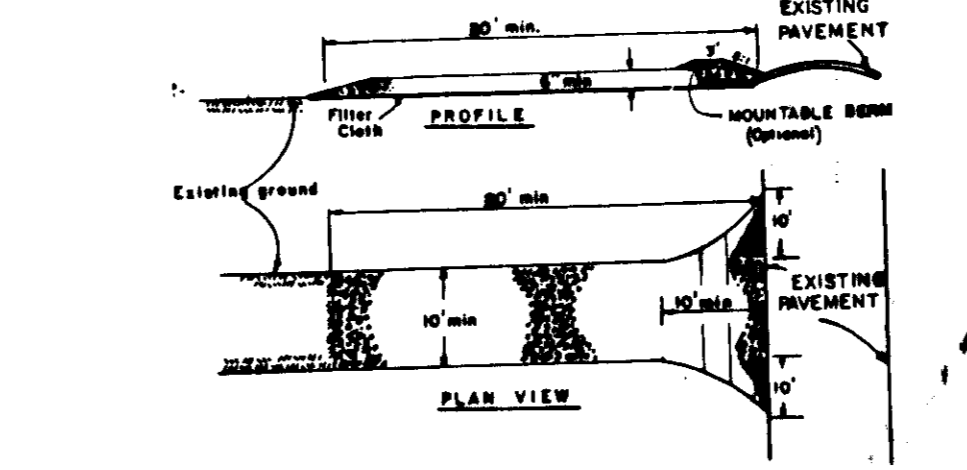
APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED UNDER A SHORT-TERM CONSTRUCTION PERMIT:

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY 100 LBS PER ACRE 10-10-10 FERTILIZER (14 1b/1000 kg ft)

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 75 BUREL PER ACRE OF ANNUAL RYE (1.7 1b/1000 kg ft). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 1 LBS PER ACRE OF WHEAT LIVERGRASS (.07 1b/1000 kg ft) OF THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PRACTICE AS POSSIBLE IN THE SPRING, OR USE 500.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 1b/1000 kg ft) OF UNBLENDED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TONS OR 218 GALLONS PER ACRE (5 1b/1000 kg ft) OF UNBLENDED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT OR HIGHER, USE 348 GAL PER ACRE (8 gal/1000 kg ft) FOR ANCHORING. REFER TO THE 1983 NATIONWIDE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND NETWORK NOT COVERED.



STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

CONSTRUCTION SPECIFICATIONS:

- STONE BARS - Use 2" stone, or crushed or recycled concrete equivalent.
- Length - be specified, but not less than 8 feet (except on a slope less than 3:1 where a 30 foot minimum length would apply).
- Placement - One foot apart, (4) inches.
- Width - The (18) foot minimum, but not less than the full width of the entrance.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth will be installed on a slope facing entrance too.
- Surface Water - All surface water flowing or directed toward construction entrance shall be piped across the entrance. If piping is impractical, entrance shall be placed with 3:1 slope will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand require periodic top dressing with additional stone as conditions demand require periodic top dressing with additional stone as conditions demand.
- Working - Stone shall be cleaned up across entrance prior to entrance into a public right-of-way. When working is required, it shall be done on an area stabilized with stone and which drains into an approved storm drain.
- Periodic inspection and needed maintenance shall be provided after each rain.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 6-24-87

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
JAMES K. TRACY, P.E. 9566 DATE 3-27-87

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."

Curtis F. Peterson
DEVELOPER: CURTIS F. PETERSON - CONTRACT MGR. DATE 3/27/87

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

Stephen L. Hubler
HOWARD S.C.D. DATE 7/1/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

James M. Hubler
U.S. SOIL CONSERVATION SERVICE DATE 7-1-87

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James M. Hubler
DIRECTOR DATE 7/1/87

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

William E. Kelly
CHIEF, BUREAU OF ENGINEERING DATE 7-7-87

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

James M. Hubler
COUNTY HEALTH OFFICER DATE 7-10-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

William E. Kelly
PLANNING DIRECTOR DATE 7-14-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

John W. Muschman
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE 7-13-87

NO	DATE	REVISION

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

OWNER: CURTIS F. PETERSON
4740 CORRIDOR PLACE
SUITE A
DELTOVILLE, MARYLAND 20705

PROJECT: LONG GATE
SINGLE FAMILY ATTACHED
SECTION 1, AREA 4
LOTS 107 THRU 150

LOCATION: TAX MAP NOS 304 & 31 PARCEL 18
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

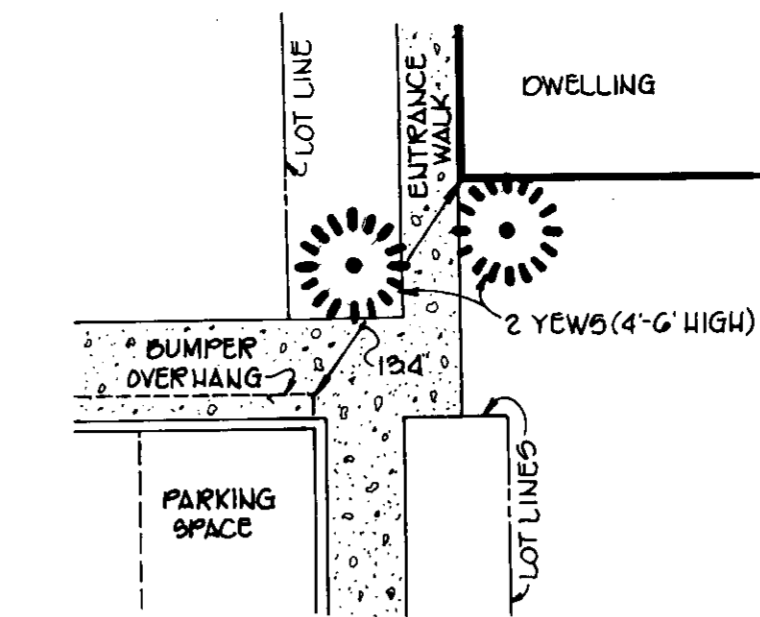
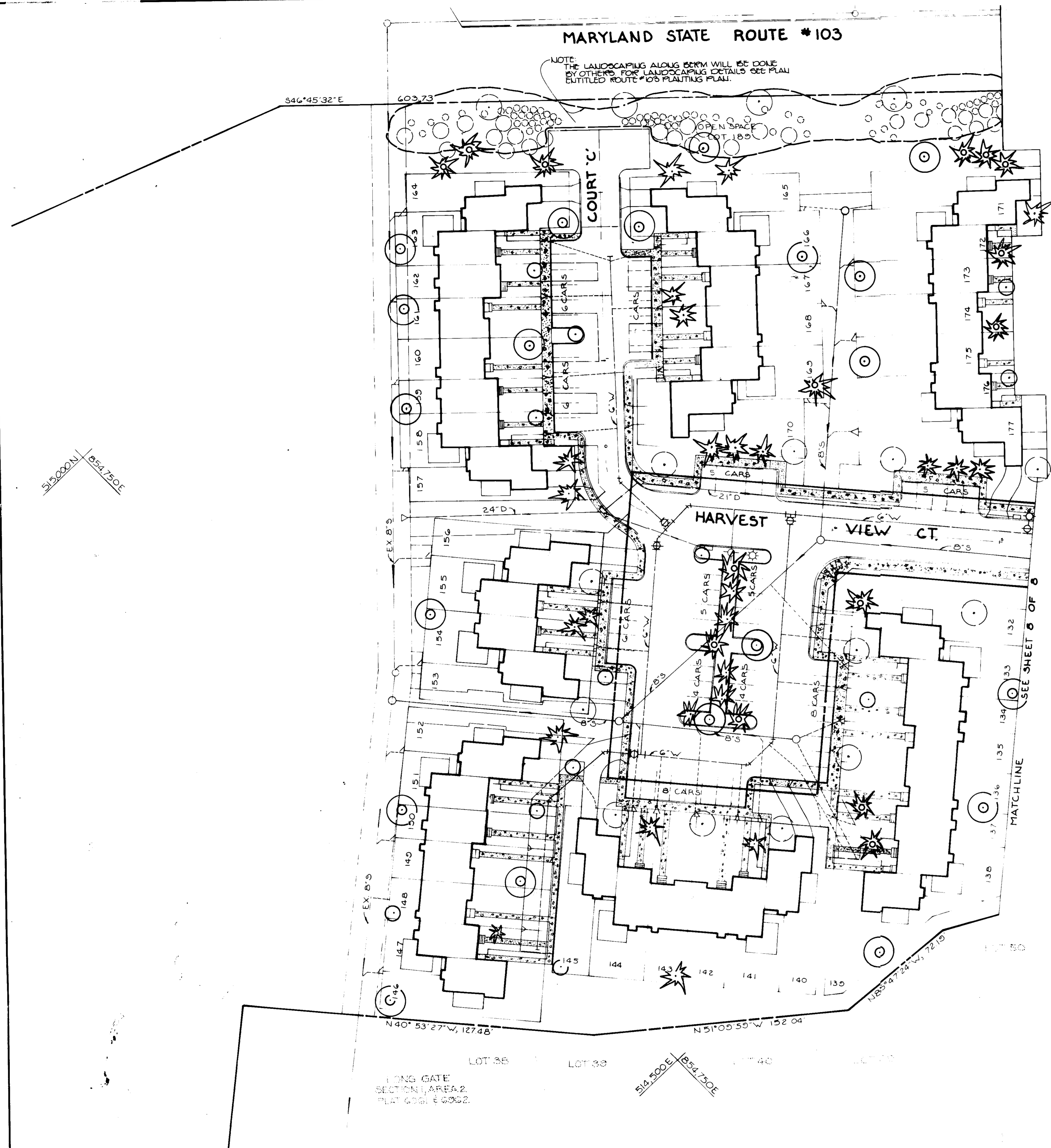
DEVELOPER: CURTIS F. PETERSON
4740 CORRIDOR PLACE
SUITE A
DELTOVILLE, MARYLAND 20705

TITLE: SEDIMENT CONTROL
DETAILS AND NOTES

DATE 3-27-87 PROJECT NO 8650 SDP

DES: RJW DRN: KMN/JH SCALE AS SHOWN DRAWING 6 OF 8

SDP-87-188



TYPICAL LANDSCAPE PLAN
@ LOTS 157, 164, 178 & 185
 SCALE: 1"=10'

NOTE: FOR PLANT LIST SEE SHEET NO. 8 OF 8.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James J. ... 7/2/87
 DIRECTOR DATE

William S. ... 7-7-87
 CHIEF, BUREAU OF ENGINEERING DATE

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

John ... 7-10-87
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Uli ... 7-14-87
 PLANNING DIRECTOR DATE

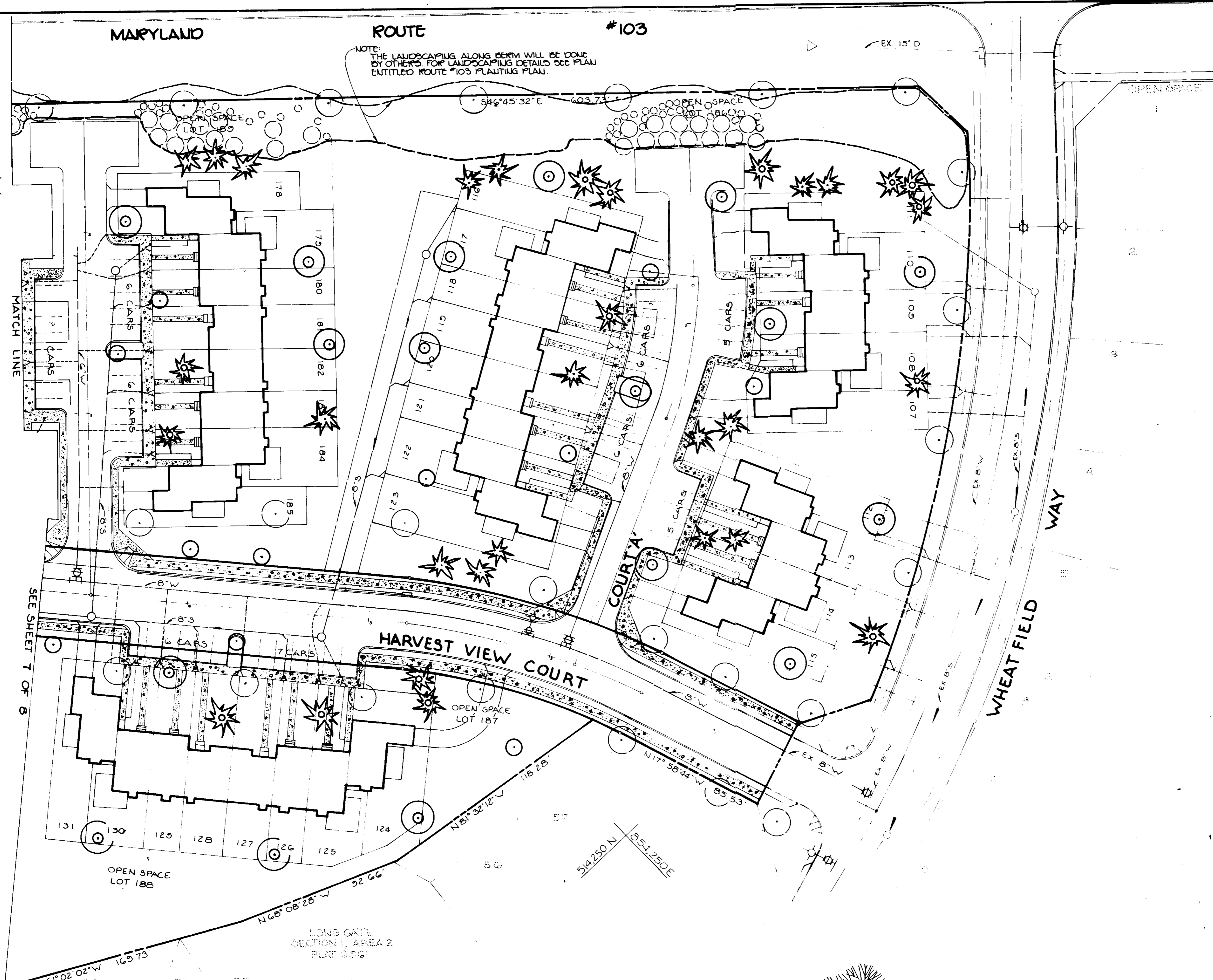
John ... 7-13-87
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

NO	DATE	REVISION

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

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 6-24-87
Moffitt

OWNER CURTIS F. PETERSON 4740 CORRIDOR PLACE SUITE A BELTSVILLE, MARYLAND 20705	PROJECT LONG GATE SINGLE FAMILY ATTACHED SECTION 1, AREA 4 LOTS 107 THRU 190
DEVELOPER CURTIS F. PETERSON 4740 CORRIDOR PLACE SUITE A BELTSVILLE, MARYLAND 20705	LOCATION TAX MAP NO'S 30 & 31 PARCEL 15 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE PLANTING PLAN	DATE 9-27-87 PROJECT NO 8658 SDF
DES. RJW DRN. SAG	SCALE 1"=30' DRAWING 7 OF 8



PLANT LIST			
SYMBOL	QUANTITY	NAME	REMARKS
	37	QUERCUS PALUSTRIS PI. OAK RED OAK ACER RUBRUM RED MAPLE ACER SACCHARUM SUGAR MAPLE QUERCUS BOREALIS RED OAK	1 1/2'-2' CAL. 10'-12' HEIGHT D&B FULL HEAD
	25	PYRUS CALLERYANA BRADFORD Bradford Pear	8'-10' HEIGHT D&B FULL HEAD
	30	PINUS PARVIFLORA Japanese White Pine	5'-6' HEIGHT D&B FULL HEAD
	41	PINUS THUNBERGII Japanese Black Pine	5'-6' HEIGHT D&B FULL HEAD
			EX. STREET TREES INSTALLED UNDER F&A-103

NOTES:
 1. PLACING OF PLANT MATERIAL SHOWN HERE IS THE RESPONSIBILITY OF THE BUILDER.
 2. THE LOCATION OF TREES SHOWN HEREON IS SUBJECT TO FIELD MODIFICATION.

NOTE: FOR TYPICAL LANDSCAPING PLAN FOR LOTS 170 AND 185, SEE SHEET T OF D.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James M. ... 7/7/87
 DIRECTOR DATE

William B. Riley 7-7-87
 CHIEF, BUREAU OF ENGINEERING DATE

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

Joey ... 7-10-87
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

W. ... 7-14-87
 PLANNING DIRECTOR DATE

... 7-13-87
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING
 ADMINISTRATION DATE

TRACY, SCHULTE & ASSOCIATES INC.
 planning • architecture • engineering
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6985

OWNER
 CURTIS F. PETERSON
 4740 CORRIDOR PLACE
 SUITE A
 BELTSVILLE, MARYLAND 20705

DEVELOPER
 CURTIS F. PETERSON
 4740 CORRIDOR PLACE
 SUITE A
 BELTSVILLE, MARYLAND 20705

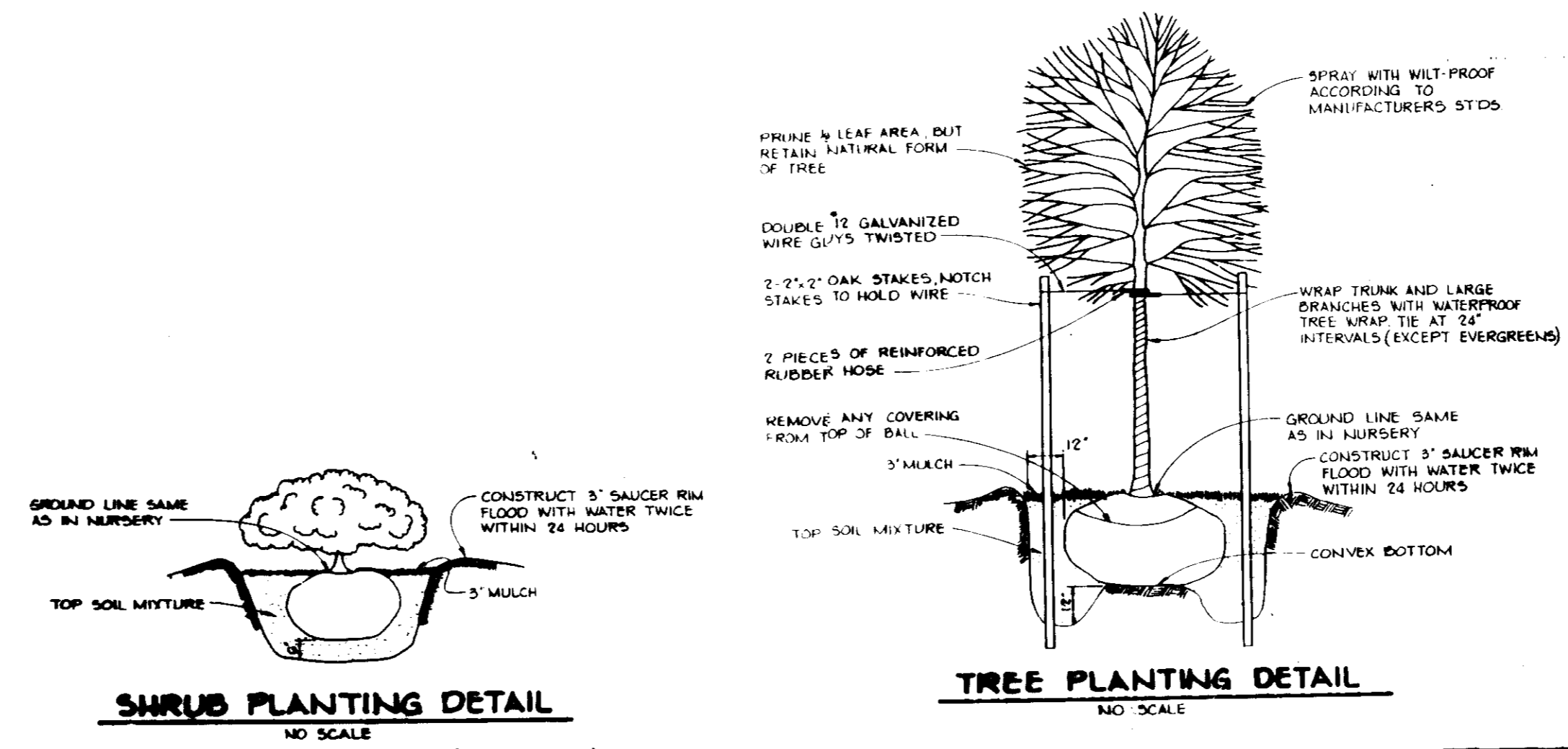
DES. RJW DWN SAG

PROJECT
 LONG GATE
 SINGLE FAMILY ATTACHED
 SECTION I, AREA 4
 LOTS 107 THRU 120

LOCATION
 TAX MAP NOS. 30 & 31
 PARCEL 18
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE
 PLANTING PLAN

DATE 3-27-87 PROJECT NO 8658 SDP
 SCALE 1" = 30' DRAWING 6 OF 8



APPROVED
 6-24-87
[Signature]