

**LEGEND**

1. CONTOUR INTERVAL	2 FEET
2. EXISTING CONTOUR	300
3. PROPOSED CONTOUR	300
4. SPOT ELEVATION	+60'
5. DIRECTION OF DRAINAGE	8" CMP
6. PROPOSED STORM DRAIN	8" S
7. PROPOSED SEWER LINES	8" S
8. WATER HOUSE CONN.	W.H.C.
9. TEST BORING LOCATIONS	B-3
10. BENCH MARK LOCATIONS	

**UNIT TYPE/PARKING SCHEDULE**

BLDG #	2 BEDROOM	3 BEDROOM	TOTAL	REQ. PARKING
1	10+2 H.C.	0	12	18
2	10+2 H.C.	0	12	18
3	12	0	12	18
4	12	0	12	18
5	3	6	9	17
6	3	6	9	17
7	12	0	12	18
8	12	0	12	18
9	12	0	12	18
43	10+2 H.C.	0	12	18
44	10+2 H.C.	0	12	18
45	12	0	12	18
46	12	0	12	18
47	12	0	12	18
48	12	0	12	18
49	12	0	12	18
50	3	6	9	17
51	3	6	9	17
52	12	0	12	18
53	3	5+1 H.C.	9	17
54	3	5+1 H.C.	9	17

**ADDRESS CHART**

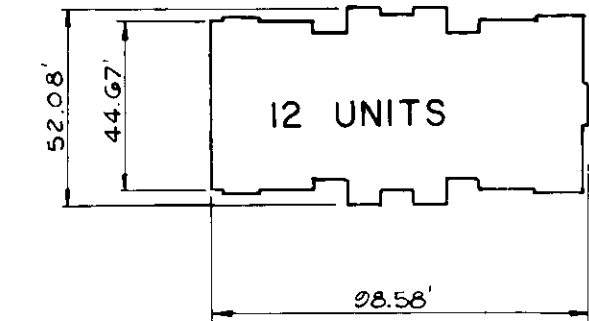
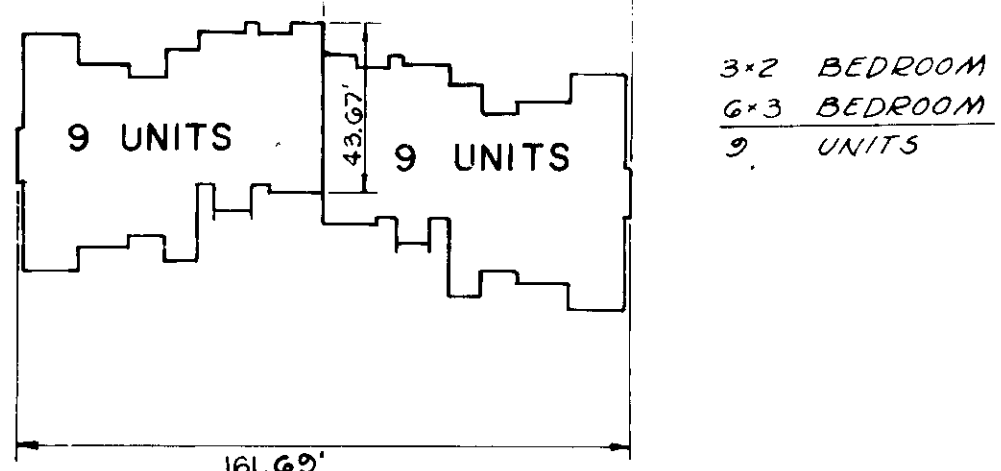
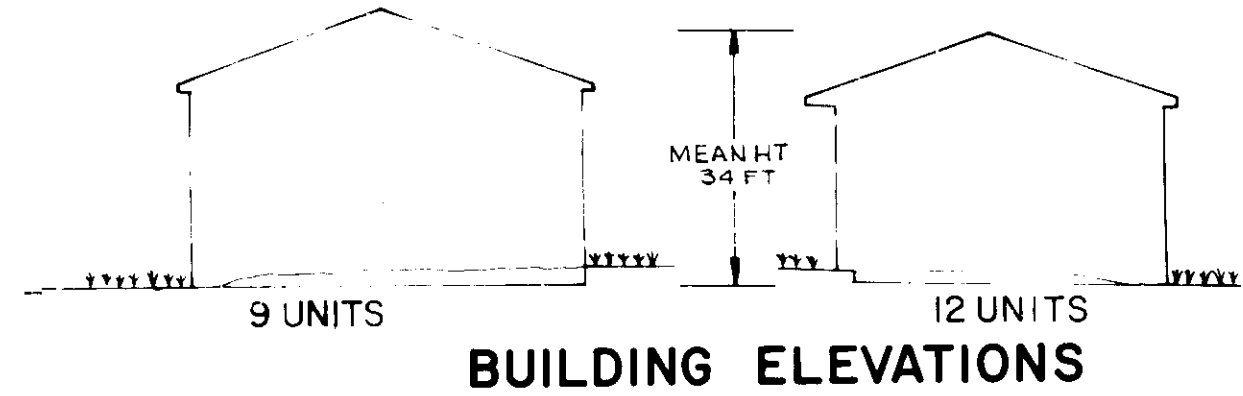
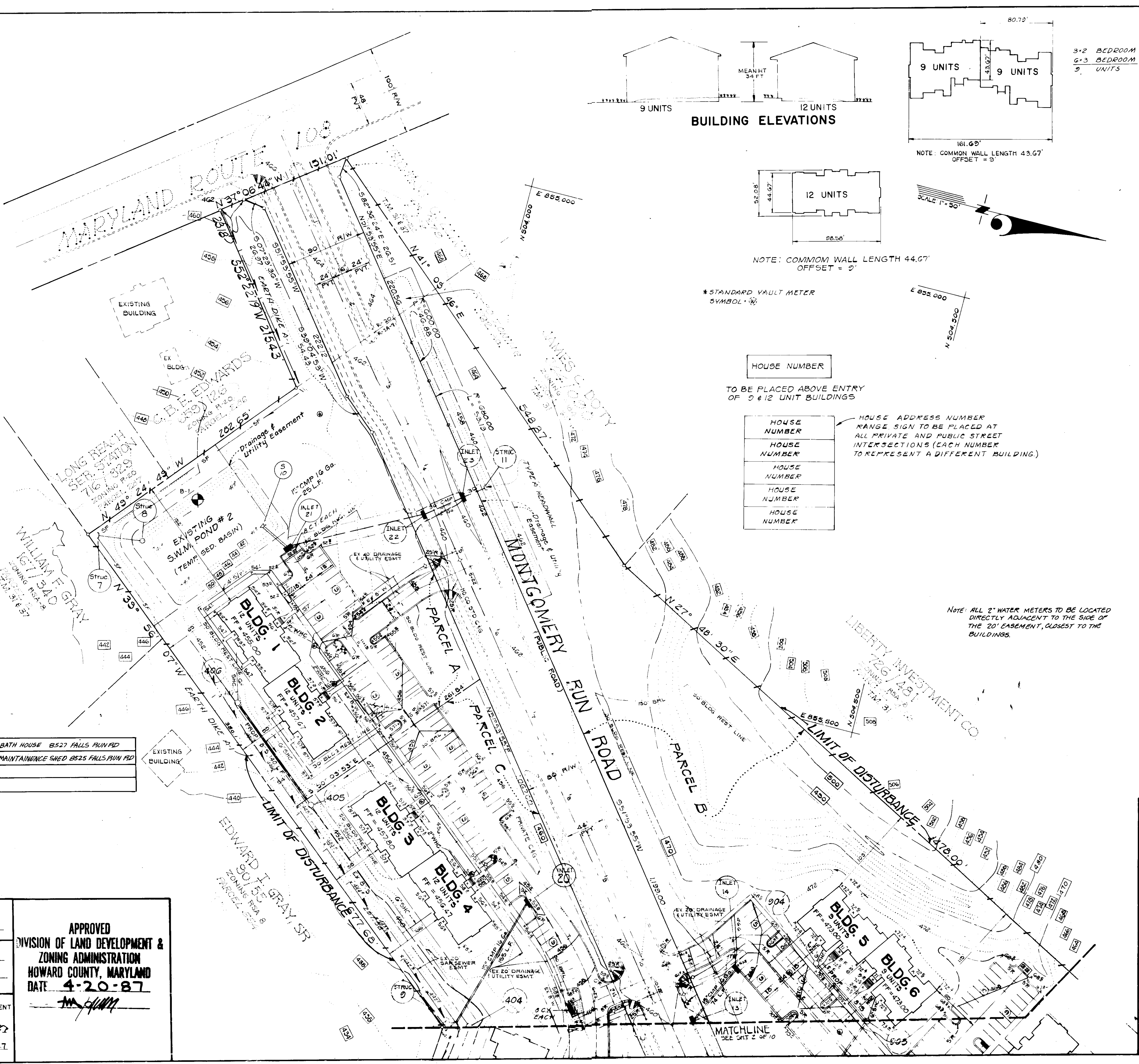
BLDG NO.	STREET ADDRESS
1	8399 MONTGOMERY RUN RD
2	8397 MONTGOMERY RUN RD
3	8393 MONTGOMERY RUN RD
4	8391 MONTGOMERY RUN RD
5	8390 MONTGOMERY RUN RD
6	8388 MONTGOMERY RUN RD
7	8384 MONTGOMERY RUN RD
8	8382 MONTGOMERY RUN RD
9	8378 MONTGOMERY RUN RD
43	8513 FALLS RUN RD
44	8511 FALLS RUN RD
45	8507 FALLS RUN RD
46	8503 FALLS RUN RD
47	8501 FALLS RUN RD
48	8369 MONTGOMERY RUN RD
49	8371 MONTGOMERY RUN RD
50	8387 MONTGOMERY RUN RD
51	8385 MONTGOMERY RUN RD
52	8381 MONTGOMERY RUN RD
53	8377 MONTGOMERY RUN RD
54	8375 MONTGOMERY RUN RD

**REVISIONS**

DATE	REVISION BEING MADE
2/13/87	ADDED STREET NAMES TO ADDRESS CHART
12/12/87	CHANGED WATER METER LOCATIONS & ADDED NOTE

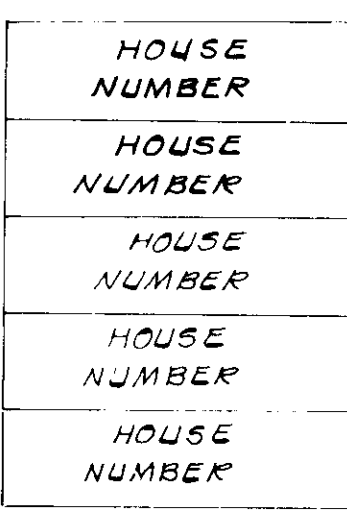
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM, HOWARD COUNTY HEALTH DEPARTMENT.  
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEM & PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

**APPROVED**  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 4-20-87



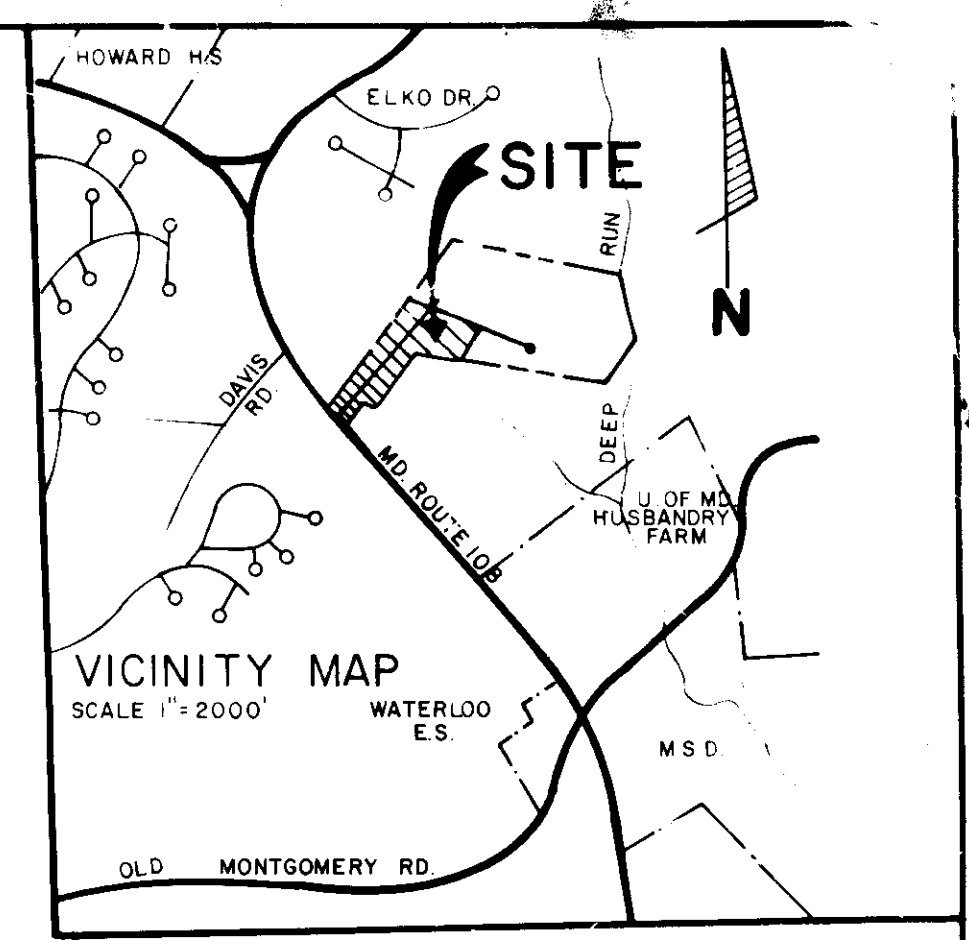
\* STANDARD VAULT METER SYMBOL

HOUSE NUMBER TO BE PLACED ABOVE ENTRY OF 9 & 12 UNIT BUILDINGS



HOUSE ADDRESS NUMBER RANGE SIGN TO BE PLACED AT ALL PRIVATE AND PUBLIC STREET INTERSECTIONS (EACH NUMBER TO REPRESENT A DIFFERENT BUILDING)

NOTE: ALL 2" WATER METERS TO BE LOCATED DIRECTLY ADJACENT TO THE SIDE OF THE 20' EASEMENT, CLOSEST TO THE BUILDINGS.



- GENERAL NOTES**
- All materials and construction to be in accordance with Howard County Road Construction Code and Specification.
  - This plan is covered by Final PLAN P-87-03.
  - Any damage to county owned rights of way to be corrected at the Developer's expense.
  - Installation of Traffic Control devices shall be in accordance with the latest edition of the "Manual of Uniform Traffic Control".
  - Topography was compiled from actual field survey.
  - The area shown is located on Tax Map No. 31x37 Parcel 180A285.
  - All driveways and parking to be privately owned and maintained.
  - All coordinates are based on Howard County Geodetic Control Survey Traverse which is based on the Maryland State Plane Coordinate System.
  - Class "C" trench bedding shall be used under all storm drains unless shown otherwise.
  - Information concerning underground utilities was obtained from available records, but the contractor must determine the exact location by digging test pits, by hand at all utility crossings, well in advance of construction.
  - The Contractor/Developer shall contact the Traffic Control Inspection, Survey Division 24 hrs. in advance of work, 992-2417 or 792-7272.
  - The developer agrees to work with the Dept. of Licenses & Inspections to resolve any problems caused by roof-water discharge.
  - All downspout drains shall be handled by one of the methods:
    - A. Downspout to splash blocks and discharged onto ground having good percolation.
    - B. Downspout in front of units placed to curb.
    - C. Downspout connected to storm drain.
  - Handicap Parking Details to be in accordance with the "Maryland Building Code for the Handicapped" section 5.01-7.05 and details sheet.
  - All setback requirements & criteria as shown on P86-53 and as per Approved Sketch Plan 86-53.
  - Storm Water Management provided under P-87-103.
  - See also S: 86-59 P86-58 1-87-103, VP-86-80

**SITE ANALYSIS**

- Soil: R5A (2.28% + R-20 7.2% A)
- Area of site: 20.05 AC
- No. of residential units Permitted: 289 Proposed: 284
- Parking spaces Required: 372 Provided: 324
- Lot coverage: 8.32%
- ALL CURB & GUTTER INSTALLED INSIDE PUBLIC R/W TO BE 10" CO STD 7" CURB (GUTTER TRANSITION TO PRIVATE CURB TO BE MADE IN PRIVATE PARKING LOT)
- ALL WATER METERS TO BE LOCATED IN OUTSIDE VAULTS
- TWO BEDROOM UNITS 065 \$ NET MIN
- THREE BEDROOM UNITS 1123 \$ NET MIN
- RECORDATION DATE 6-29-87 PLAT No. S 7274-7275

**INDEX OF SHEETS**

1, 2, 3 OF 11	- SITE DEVELOPMENT PLAN
4, 5 OF 11	- SEC. 1 - LANDSCAPE PLAN
6 OF 11	- DETAIL SHEET
7 OF 11	- BLDG TYPICALS - LANDSCAPE PLAN
8 OF 11	- CONSTRUCTION NOTES & DETAILS
9 OF 11	- LANDSCAPE PLAN
11 OF 11	- ON-SITE DRAINAGE AREA MAP

**OWNER:**  
 NEWMILLS LTD. PARTNERSHIP  
 6615 Reisterstown Road  
 Suite 201 Balto, Md. 21215  
 301-358-4934

**DEVELOPER:**  
 MACKS & MACKS  
 6615 Reisterstown Rd.  
 Suite 201C  
 Baltimore, Md. 21215  
 (301) 358-4934

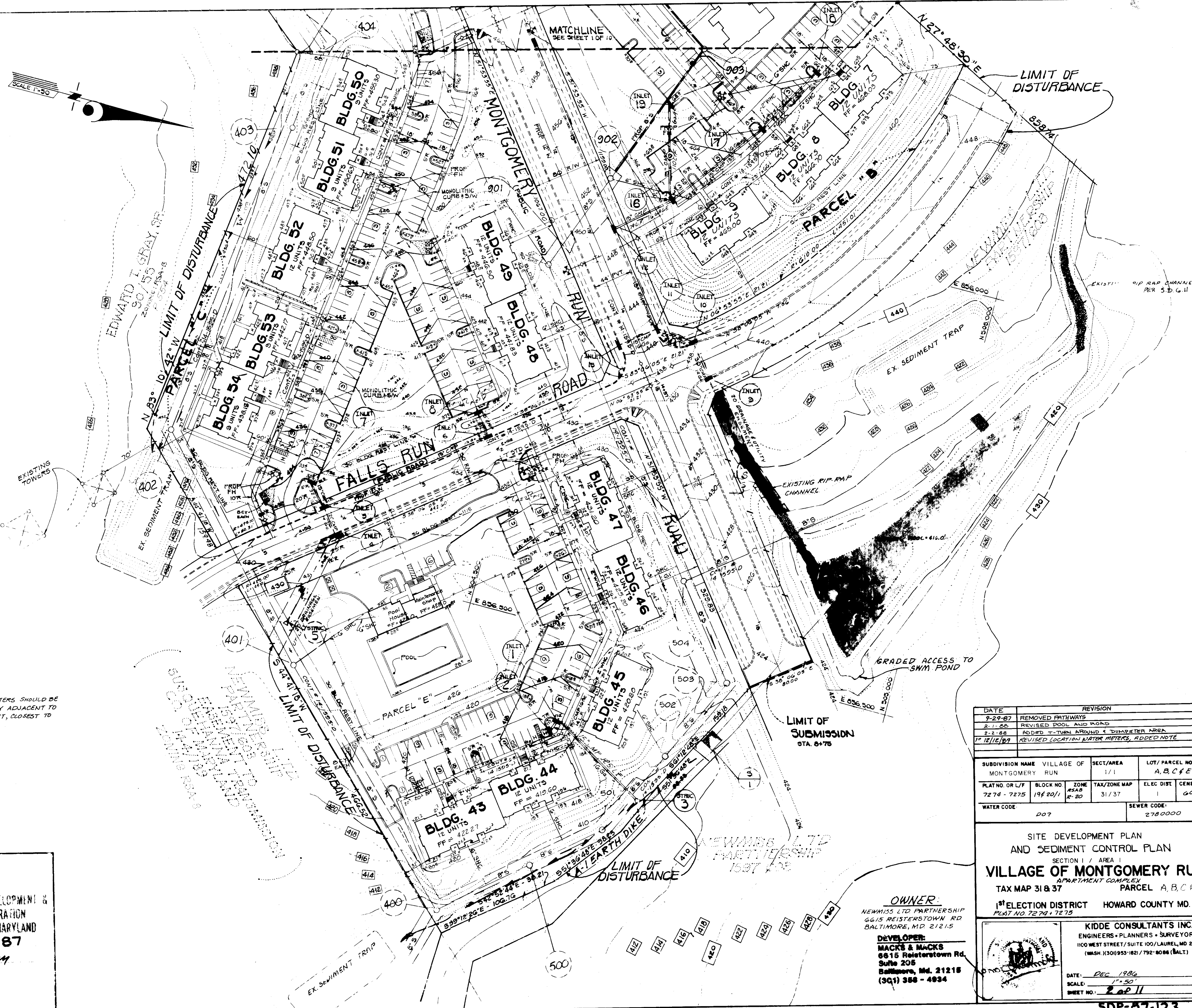
SUBDIVISION NAME / VILLAGE OF	SECT./AREA	PARCEL NO.
MONTGOMERY RUN	1/1	A, B, C, E
PLAT NO. OR L/F	BLOCK NO.	ZONE
7274-7275	194201	R-20
TAX/ZONE MAP	ELEC. DIST.	SENSUS TR.
31/37		6011
WATER CODE	SEWER CODE	
D07	2780000	

**SITE DEVELOPMENT PLAN AND SEDIMENT CONTROL PLAN**  
 SECTION 1 / AREA  
**VILLAGE OF MONTGOMERY RUN**  
 APARTMENT COMPLEX  
 TAX MAP 31 & 37 PARCELS A, B, C, E  
 1<sup>ST</sup> ELECTION DISTRICT HOWARD COUNTY MD.  
 PLAT NO. 7274 & 7275

**KIDDE CONSULTANTS INC.**  
 ENGINEERS • PLANNERS • SURVEYORS  
 1100 WEST STREET / SUITE 100 / LAUREL, MD 20707  
 (WASH. 301) 953-1821 / 792-8086 (BALT.)

DATE DEC. 1986  
 SCALE 1"=50'  
 SHEET NO. 1 of 11





NOTE: ALL 2" WATER METERS SHOULD BE LOCATED DIRECTLY ADJACENT TO THE 20' EASEMENT, CLOSEST TO THE BUILDING.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
 HOWARD COUNTY HEALTH DEPARTMENT  
 DATE 7-15-87

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 DATE 7-16-87

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEM & PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DATE 7-15-87

APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 4-20-87

DATE	REVISION
9-29-87	REMOVED PATHWAYS
2-1-88	REVISED POOL AND ROAD
2-2-88	ADDED T-TURN AROUND 4' DUMPSTER AREA
11-12-87	REVISED LOCATION WATER METERS, ADDED NOTE

SUBDIVISION NAME	VILLAGE OF MONTGOMERY RUN	SECT./AREA	1/1	LOT/PARCEL NO.	A, B, C, E
PLAT NO. OR L/P	7274 - 7275	BLOCK NO.	198 20/1	ZONE #3AB	2-20
TAX/ZONE MAP	31/37	ELEC DIST		CENSUS TR	6011
WATER CODE	007	SEWER CODE	2780000		

SITE DEVELOPMENT PLAN  
 AND SEDIMENT CONTROL PLAN  
 SECTION 1 / AREA 1  
**VILLAGE OF MONTGOMERY RUN**  
 APARTMENT COMPLEX  
 TAX MAP 31 & 37 PARCEL A, B, C, E  
 1<sup>ST</sup> ELECTION DISTRICT HOWARD COUNTY MD.  
 PLAT NO. 7274 & 7275

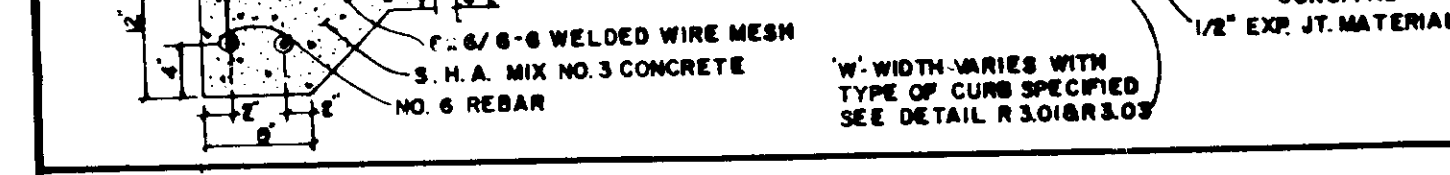
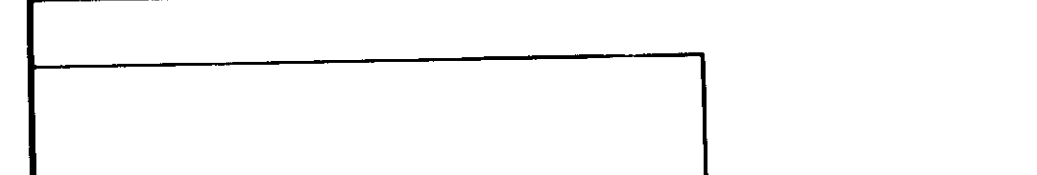
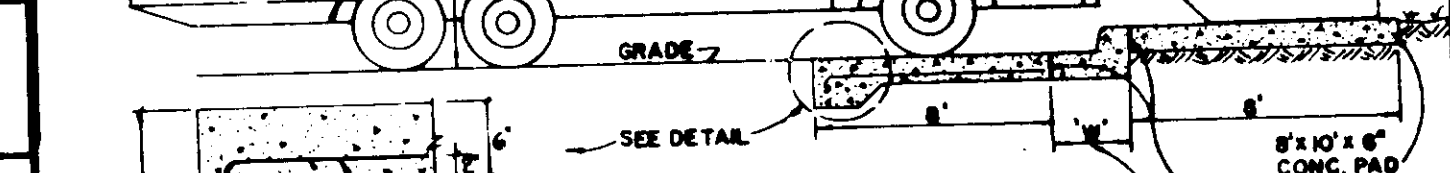
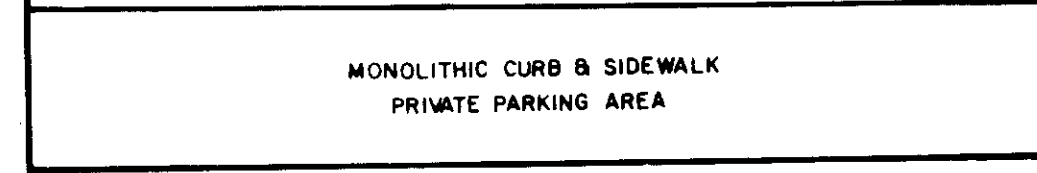
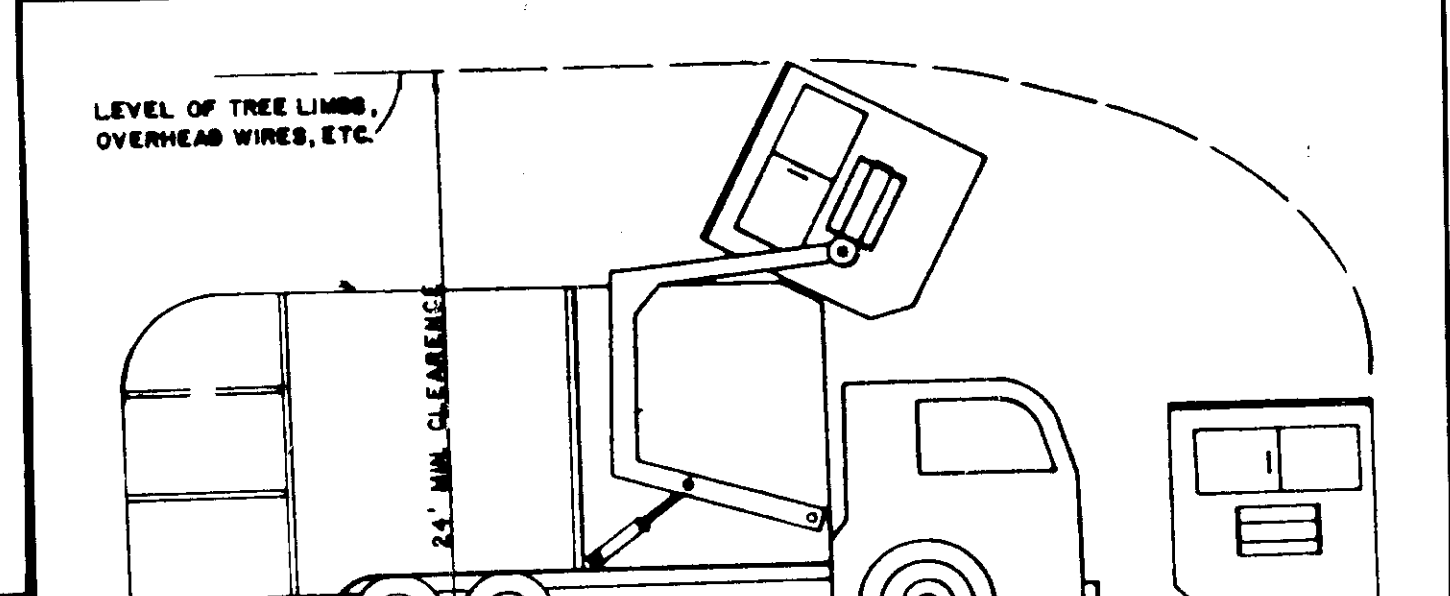
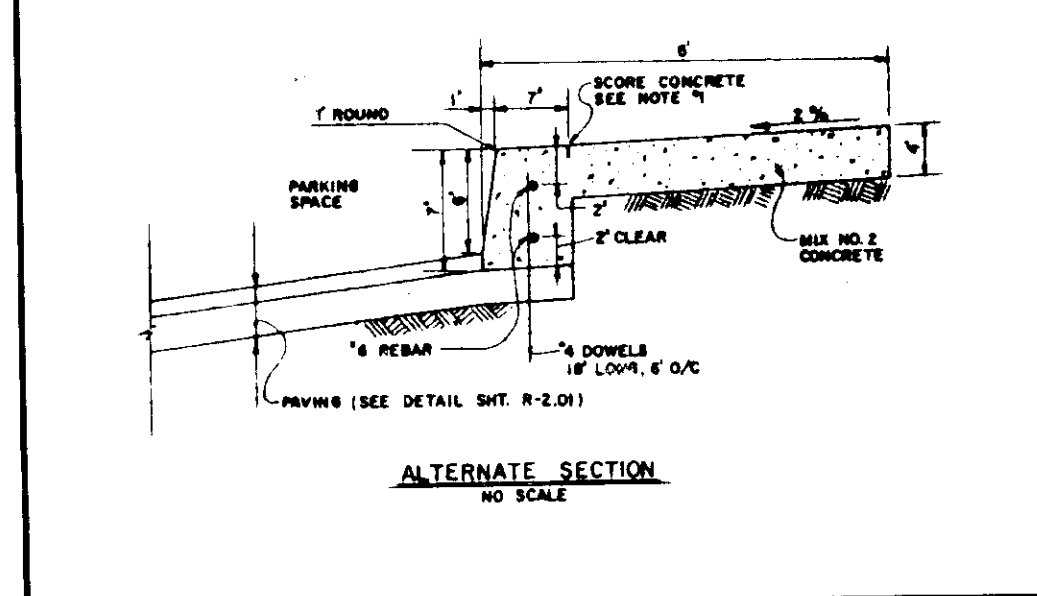
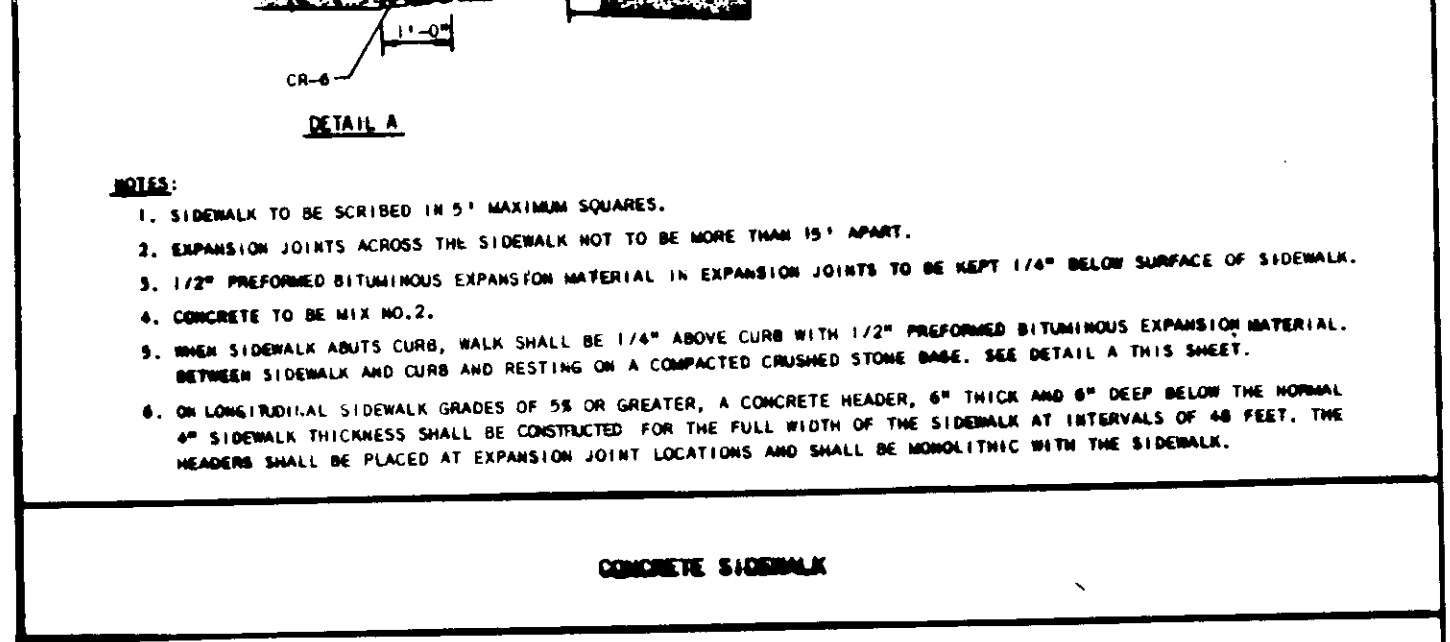
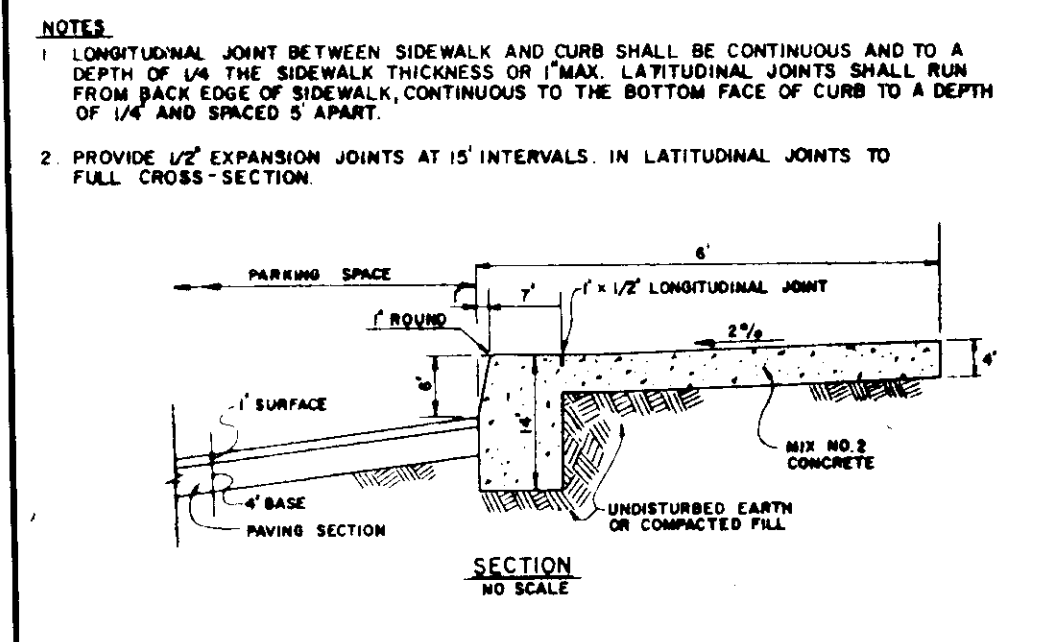
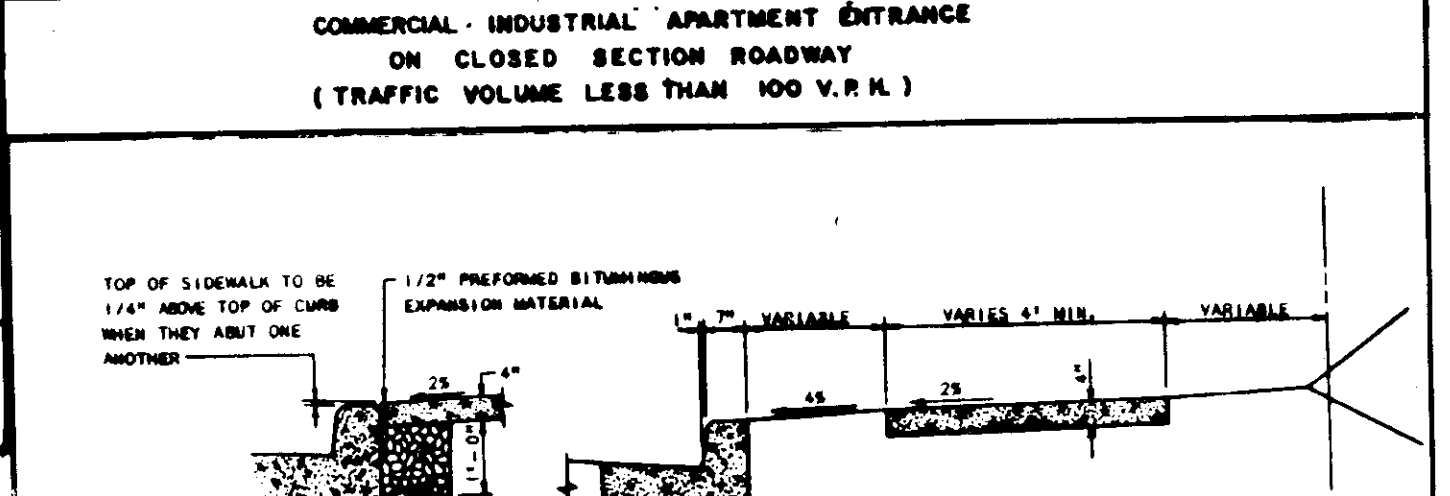
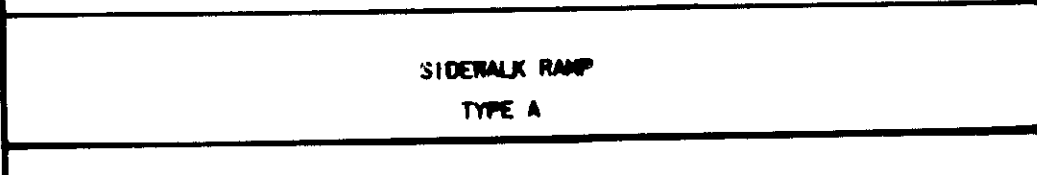
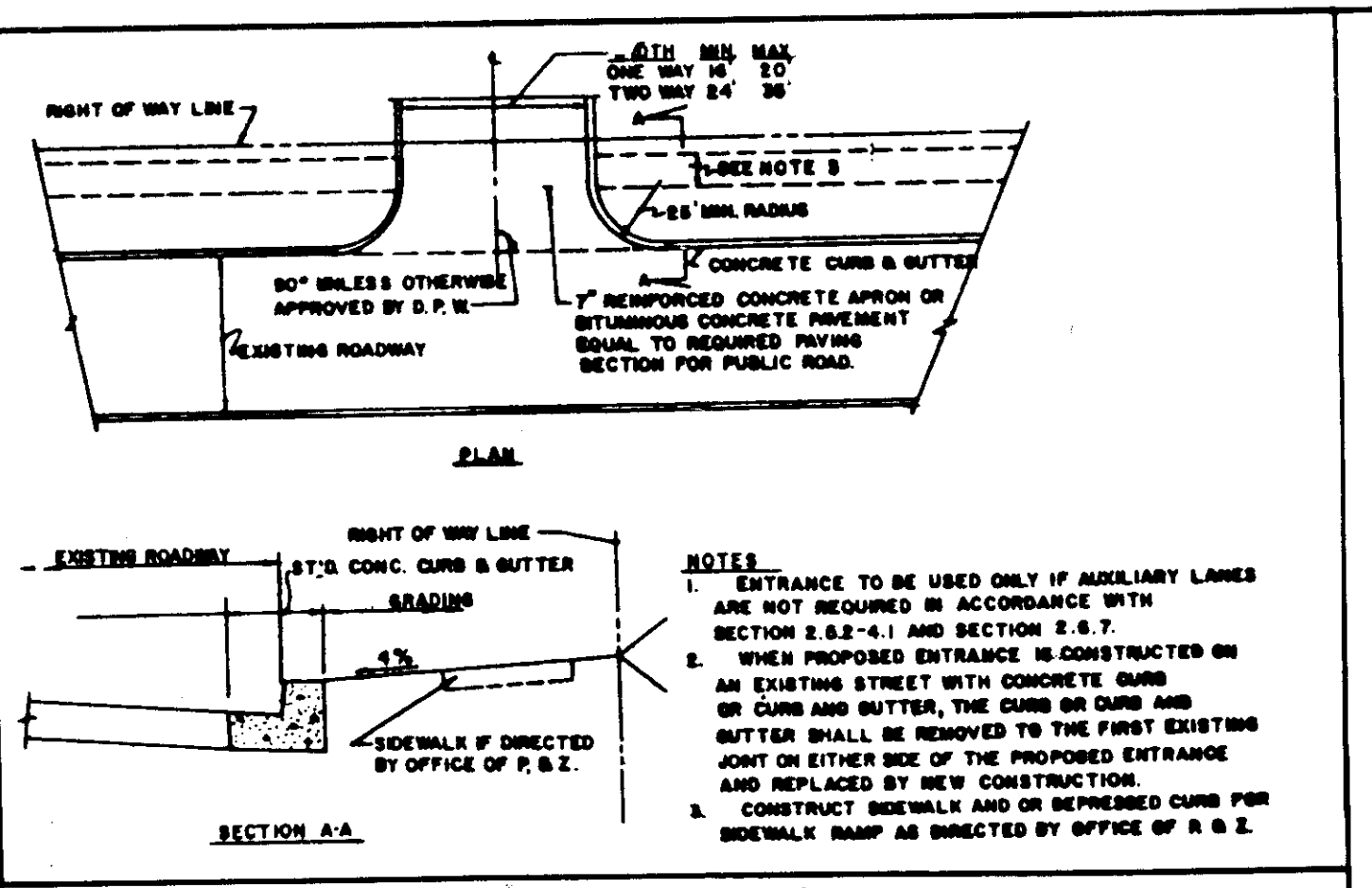
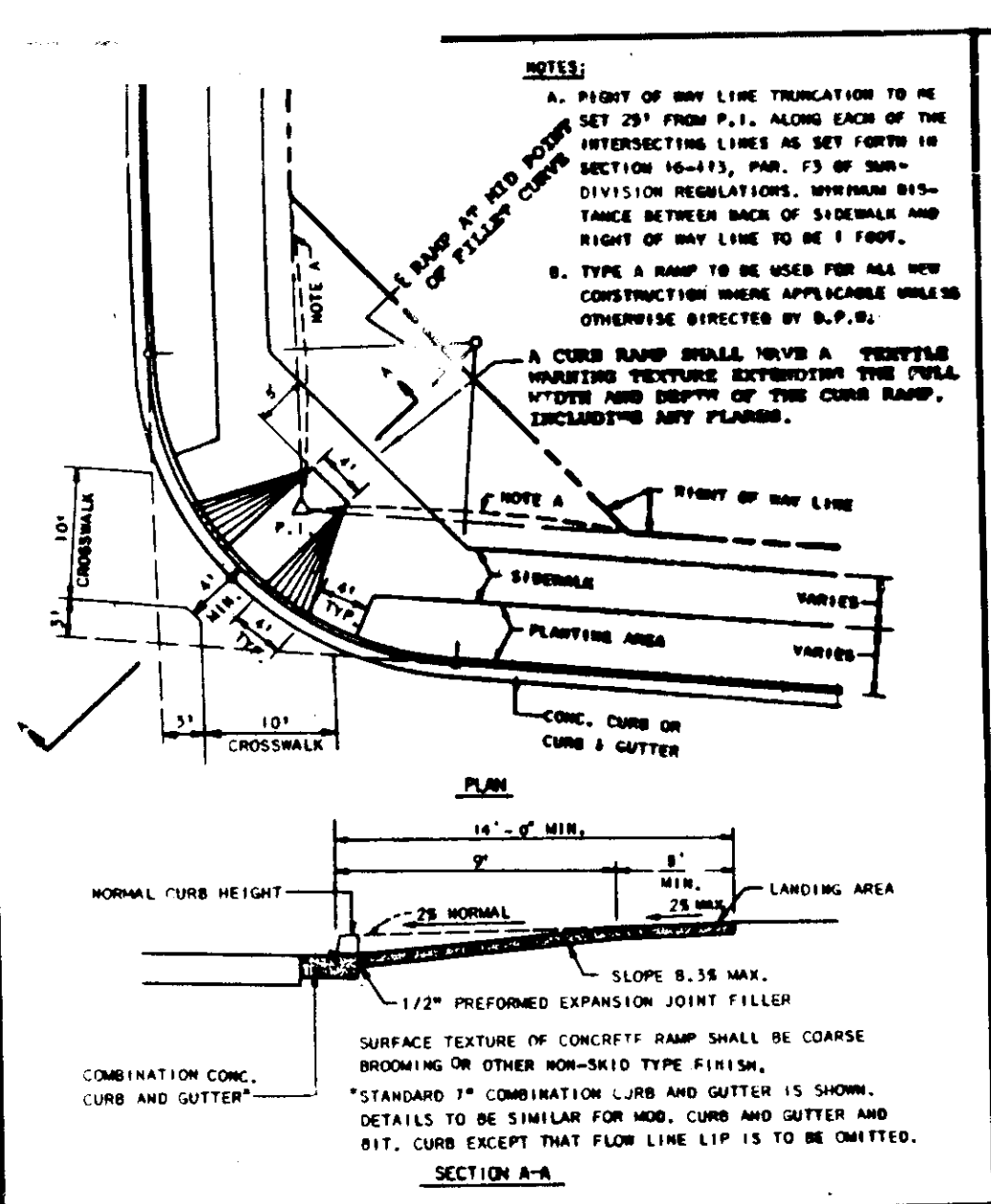
**OWNER:**  
 NEWMISS LTD PARTNERSHIP  
 6615 REISTERSTOWN RD  
 BALTIMORE, MD 21215

**DEVELOPER:**  
**MACKS & MACKS**  
 6615 Reisterstown Rd.  
 Suite 205  
 Baltimore, Md. 21215  
 (301) 368-4034

**KIDDE CONSULTANTS INC.**  
 ENGINEERS • PLANNERS • SURVEYORS  
 1100 WEST STREET / SUITE 100 / LAUREL, MD 20707  
 (WASH. DC) 301-953-1821 / 792-8084 (BALT.)

DATE: DEC 1986  
 SCALE: 1" = 50'  
 SHEET NO.: 2 of 11





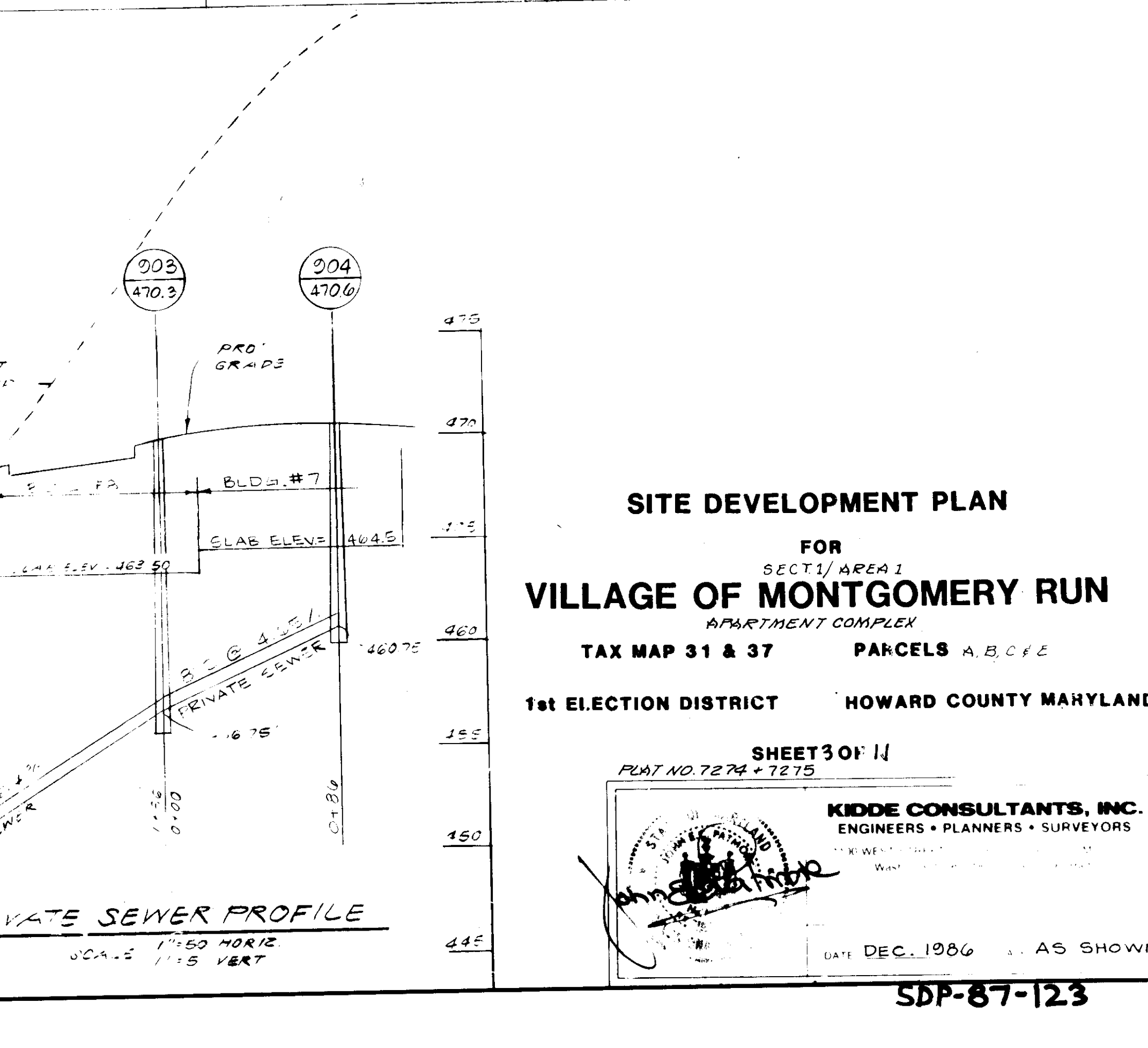
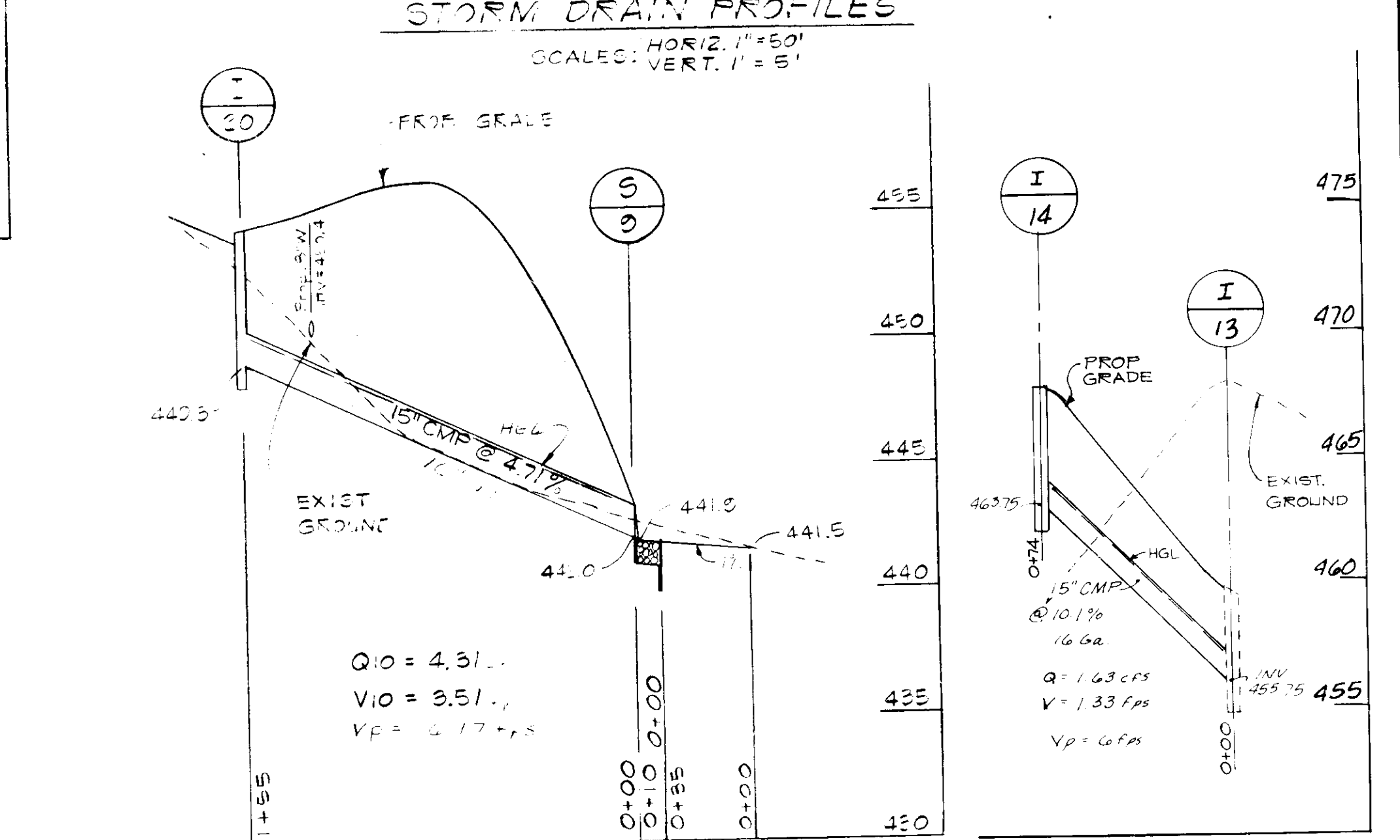
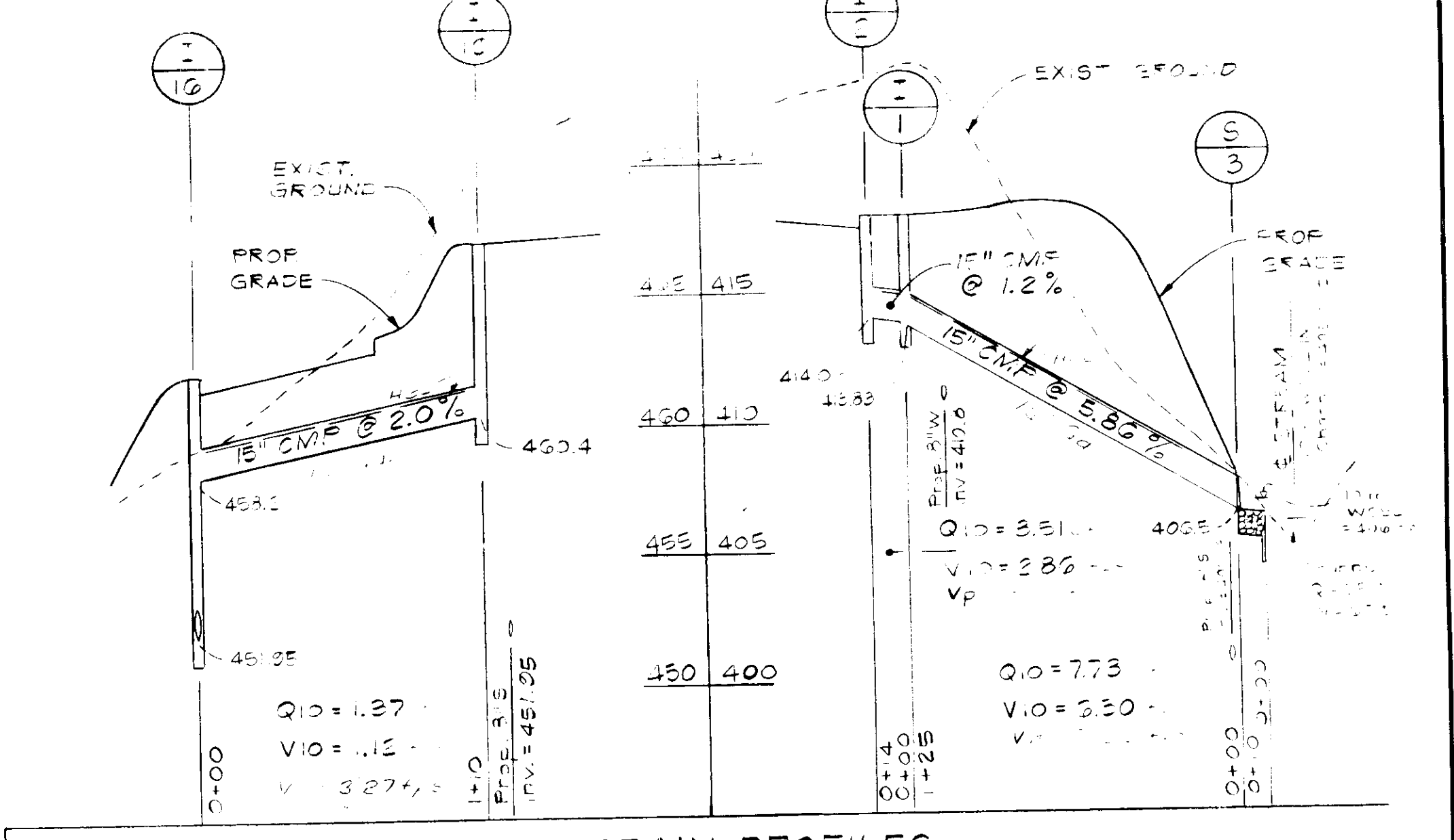
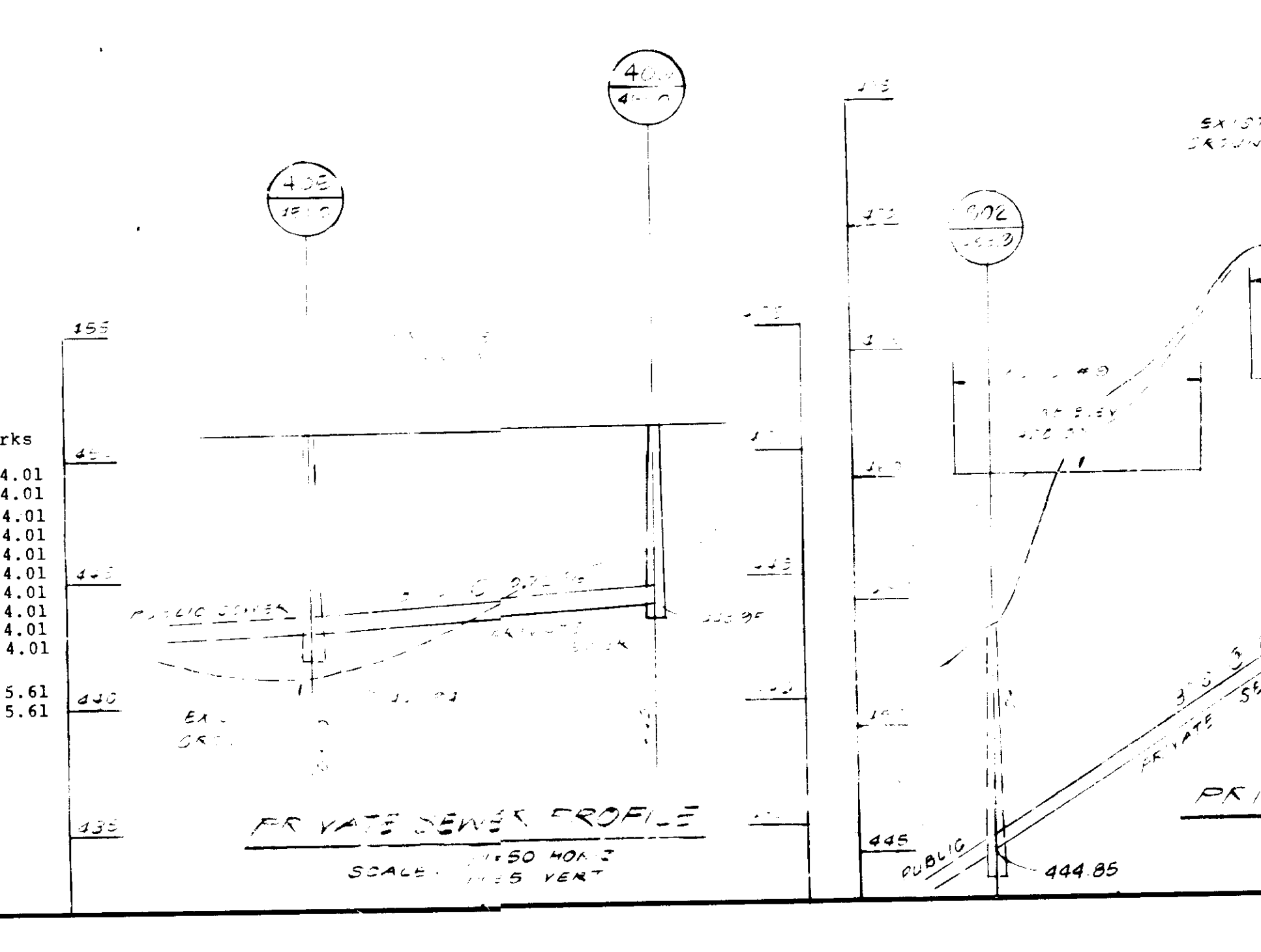
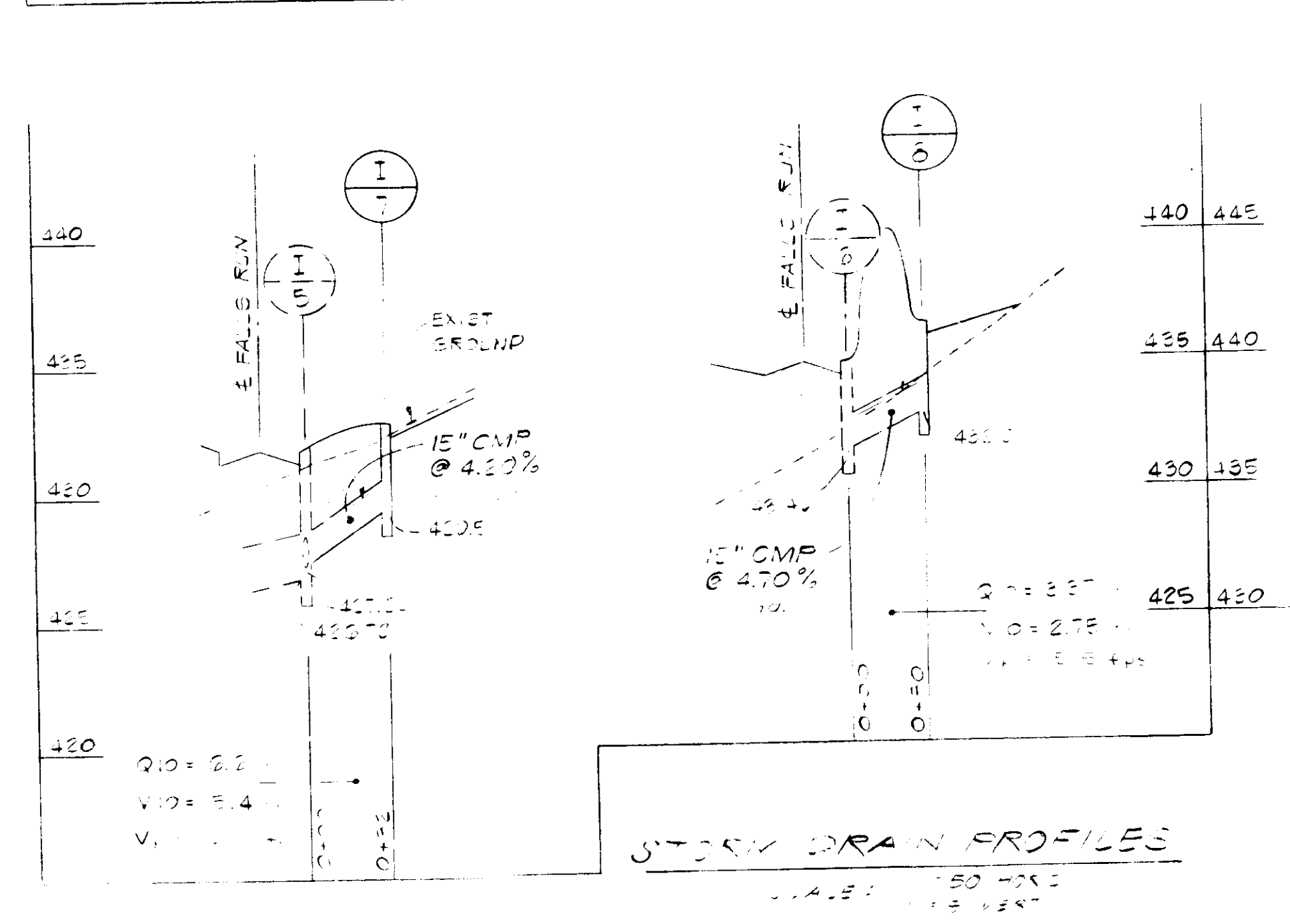
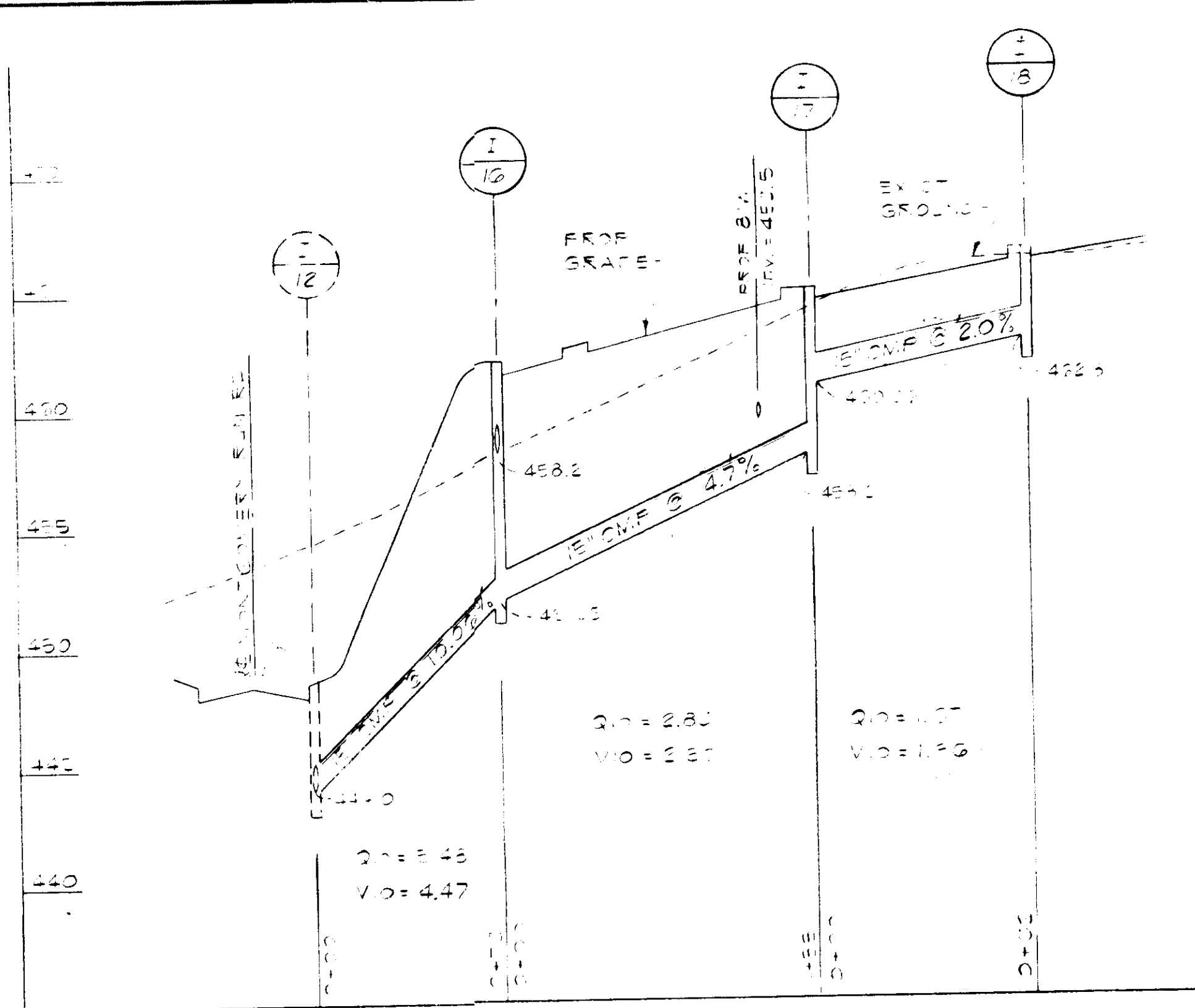
APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 4-20-87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.  
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

PRIVATE DRAINAGE STRUCTURE SCHEDULE

No.	Type	Inv. In	Inv. Out	Top El.	LOCATION	Remarks
I-1	A-5	413.83	413.83	418.0	SD 4.01	
I-2	A-5	---	414.0	417.5	SD 4.01	
I-7	A-5	---	429.5	432.9	SD 4.01	
I-8	A-5	---	442.9	436.2	SD 4.01	
I-14	A-5	---	463.25	468.0	SD 4.01	
I-16	A-5	451.95, 458.2	451.95	462.5	SD 4.01	
I-17	A-5	460.96	458.2	465.1	SD 4.01	
I-18	A-5	---	462.8	466.5	SD 4.01	
I-19	A-5	---	460.4	468.5	SD 4.01	
I-20	A-5	---	450.5	454.3	SD 4.01	
S-3	MES	405.0	405.0	---	SD 5.61	
S-9	MES	442.0	442.0	---	SD 5.61	

OWNER:  
NEWMISS LTD PARTNERSHIP  
6615 REISTERSTOWN ROAD  
BALTIMORE, MD 21215



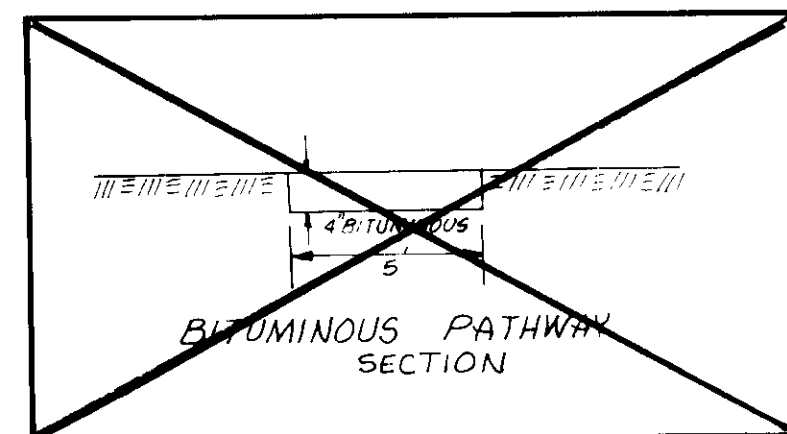
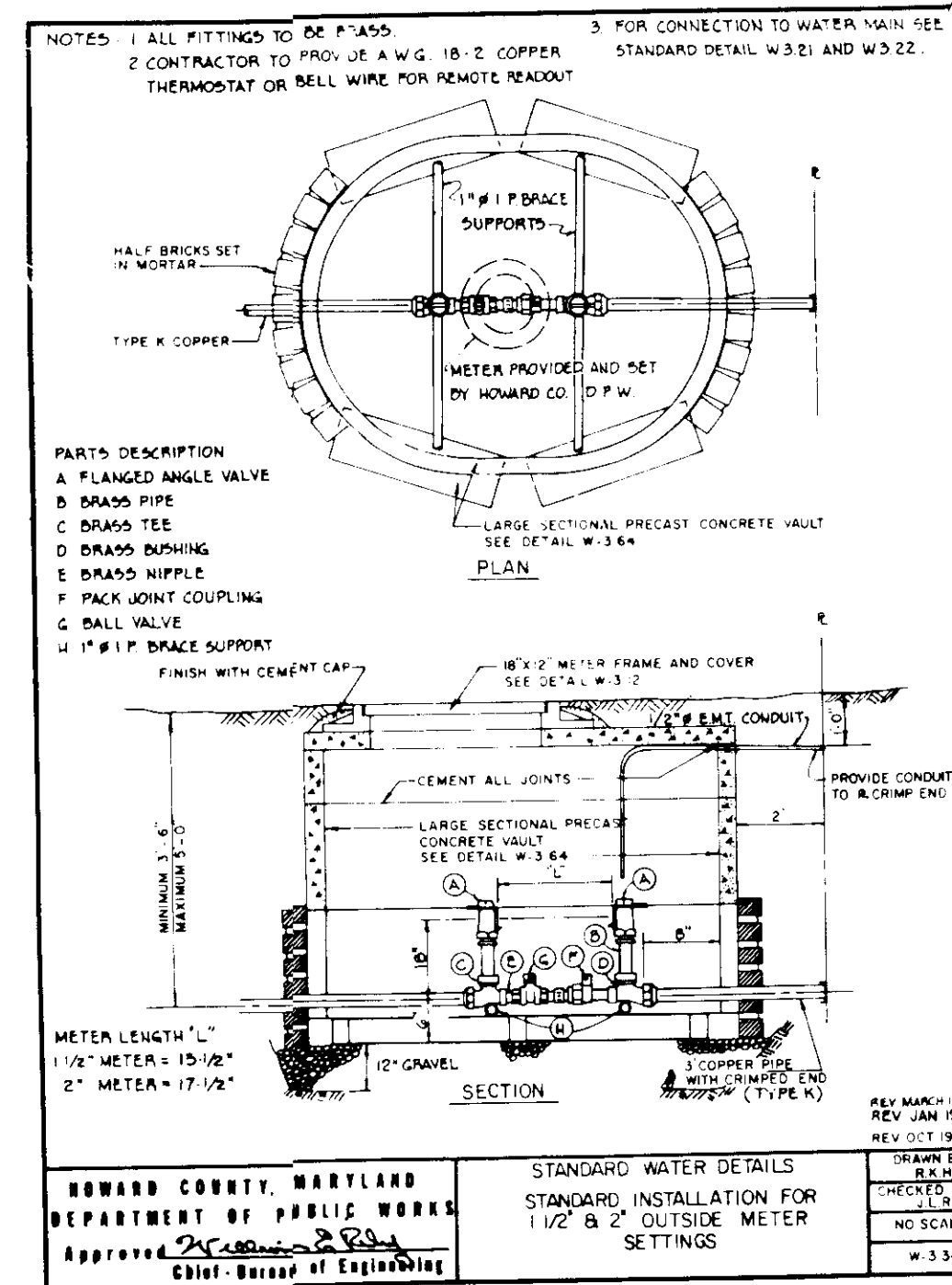
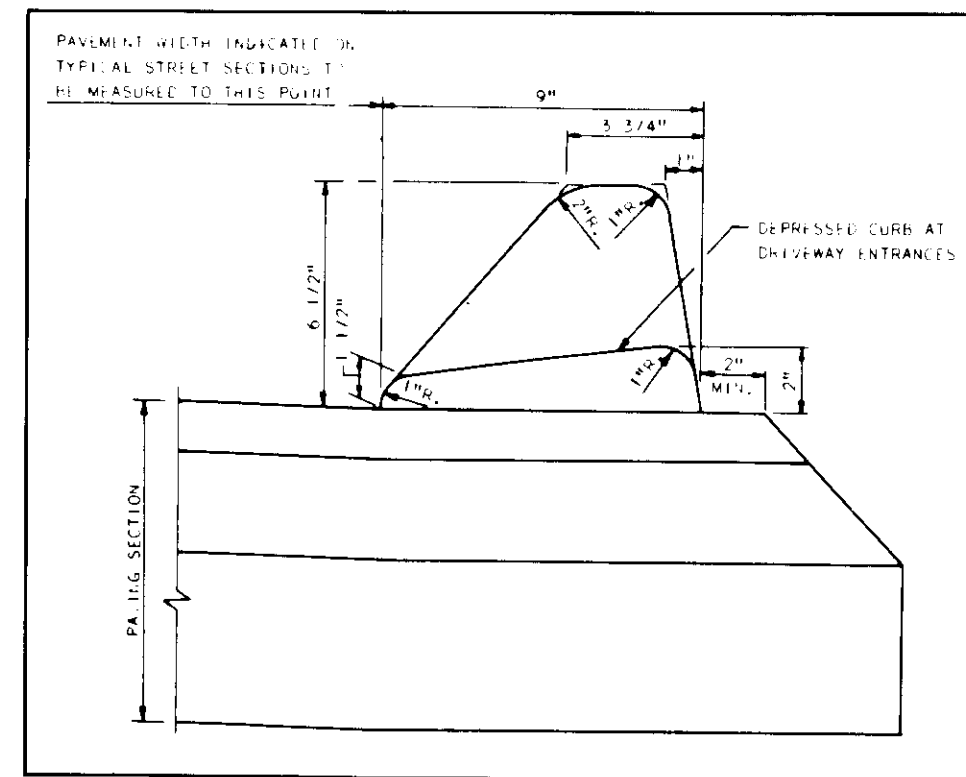
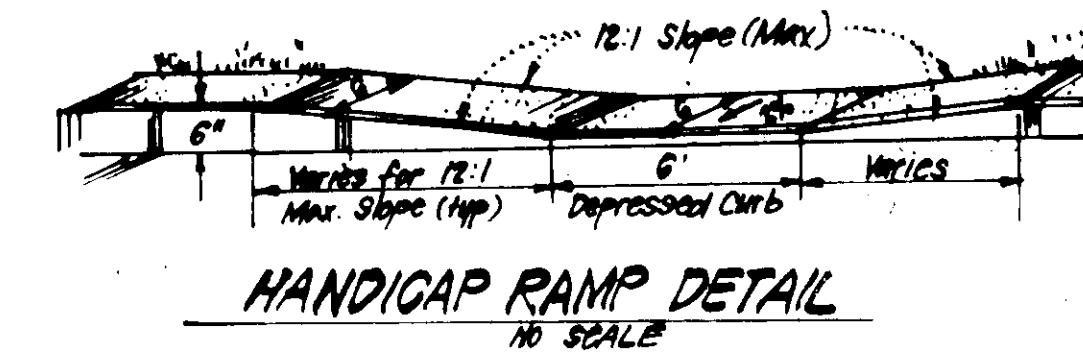
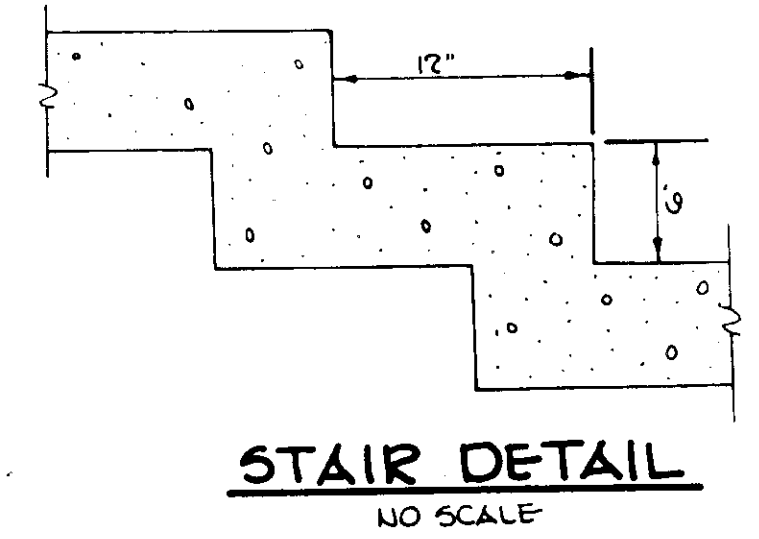
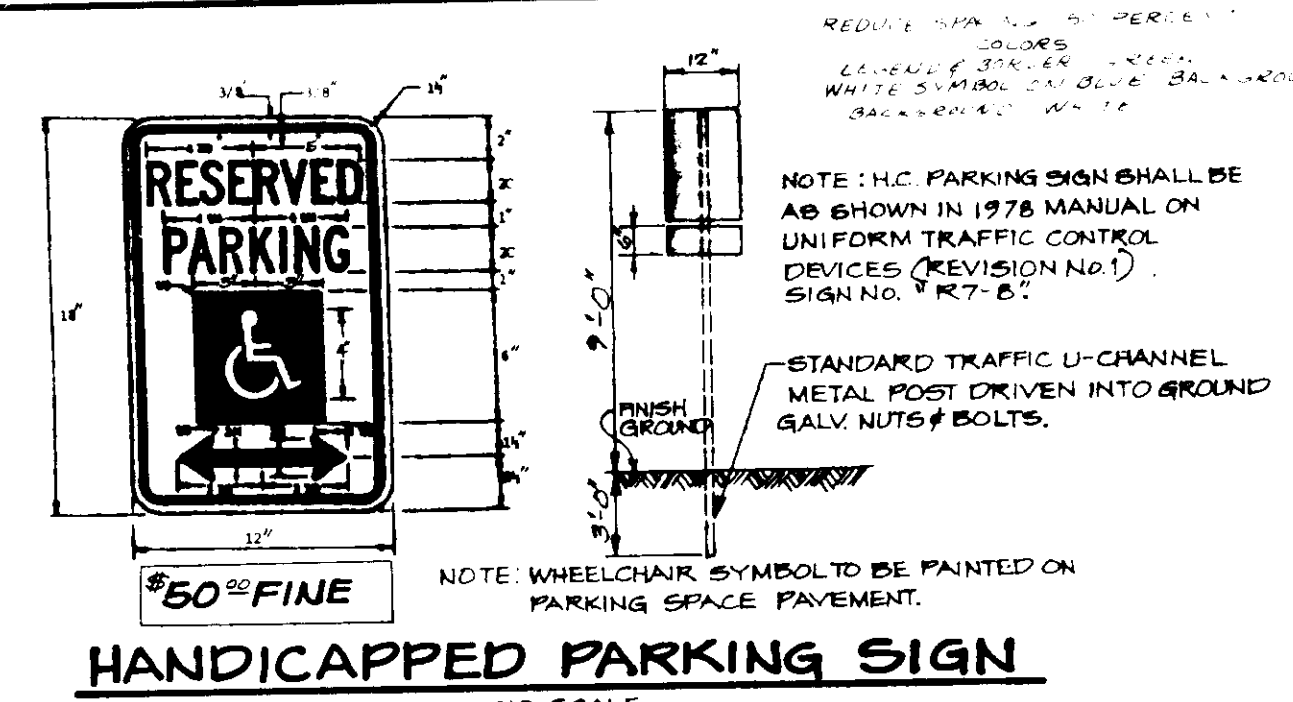
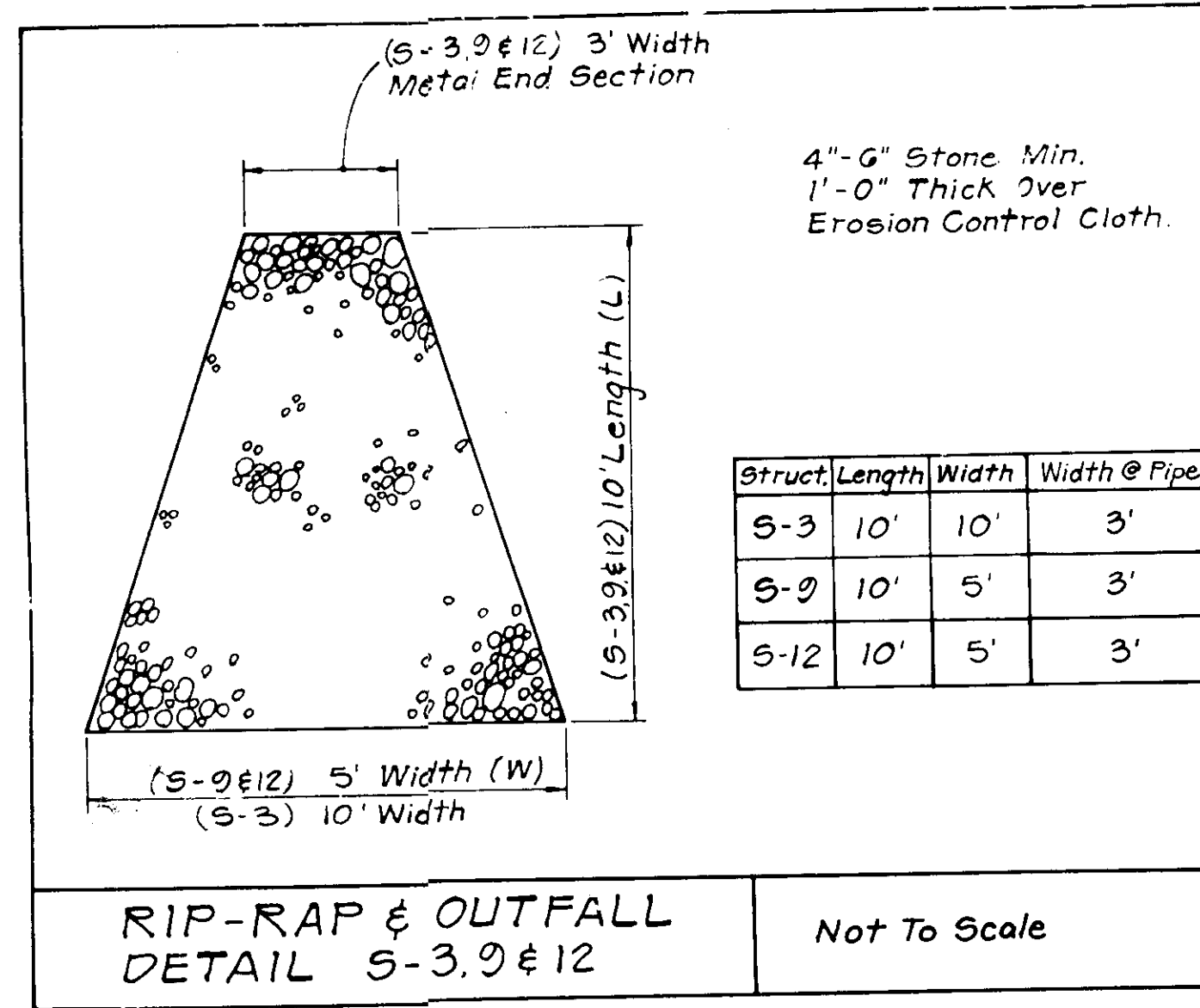
**SITE DEVELOPMENT PLAN**  
FOR  
SECT 1/ AREA 1  
**VILLAGE OF MONTGOMERY RUN**  
APARTMENT COMPLEX  
TAX MAP 31 & 37 PARCELS A, B, C, E  
1st ELECTION DISTRICT HOWARD COUNTY MARYLAND

SHEET 3 OF 11  
PLAT NO. 7274 & 7275

**KIDDE CONSULTANTS, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
DATE DEC. 1986 AS SHOWN

**SDP-87-123**

SECTION NUMBER	ROAD AND STREET CLASSIFICATION	PAVEMENT MATERIALS	
		FULL DEPTH BIT. CONC. ALTERNATE	GRANULAR BASE ALTERNATE
P-1	PARKING AREAS AND TRAVELWAYS APARTMENTS AND COMMERCIAL INDUSTRIAL ZONES WITH NO HEAVY TRUCKS	1" BIT. CONC. SURFACE 4" BIT. CONC. BASE	1" BIT. CONC. SURFACE 2" BIT. CONC. BASE PRIME 1" CRUSHED GRANULAR CORSE 3" 1/2" SENS. SAND STABILIZED AVALARITE BASE COURSE
P-2	RESIDENTIAL ZONES LOCAL CUL-DE-SACS ALLEYS AND PRIVATE ROADS SERVING INDIVIDUAL LOTS PARKING AREAS APARTMENTS AND COMMERCIAL INDUSTRIAL ZONES WITH NO MORE THAN 10 HEAVY TRUCKS PER DAY	1 1/2" BIT. CONC. SURFACE 5" BIT. CONC. BASE	1 1/2" BIT. CONC. SURFACE 1 1/2" BIT. CONC. BASE PRIME 1" CRUSHED GRANULAR CORSE 1" CRUSHED GRANULAR CORSE STABILIZED AVALARITE BASE COURSE



SEQUENCE OF CONSTRUCTION	
1) OBTAIN GRADING PERMIT	1 DAY
2) UTILIZE EXISTING SEDIMENT CONTROL UNDER P-1'S	
3) GRADE REMAINDER OF SITE	4 WEEKS
4) INSTALL CURB/GUTTER, STORM DRAINS, PROVIDE AND BLOCK ALL INLETS (INSURE S-3 IS ADEQUATELY DIVERTED TO SEDIMENT TRAP #2)	3 WEEKS
5) INSTALL UTILITIES, BUILDINGS & SIDEWALKS PLAN	2 MONTHS
6) FINE GRADE SITE AS PER SITE DEVELOPMENT PLAN	2 WEEKS
7) STABILIZE SITE WITH APPROVAL OF SEDIMENT CONTROL INSPECTOR UNBLOCK INLETS CONVERT TEMP. SEDIMENT BASIN TO SWM. POND #2	2 WEEKS
8) REMOVE REMAINDER OF SEDIMENT CONTROL DEVICES AND STABILIZE ALL AFFECTED AREA IMMEDIATELY	1 WEEK
9) CLOSE GATE VALVE ON SWM. POND #1.	1 DAY

Reviewed for HOWARD S.C.D.  
Name  
and meets Technical Requirements  
James McVicker Date 7-8-87  
Signature  
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
Approved Stephen L. Fisher 7/8/87  
Date  
Howard S.C.D.

SITE DEVELOPMENT PLAN FOR SECT 1/AREA 1 VILLAGE OF MONTGOMERY RUN APARTMENT COMPLEX TAX MAP 31&37 PARCEL A,B,C,D&E 1ST ELECTION DISTRICT HOWARD COUNTY MD

OWNER:  
NEWMISS LTD PARTNERSHIP  
6615 REISTERSTOWN ROAD  
BALTIMORE, MD 21215

DEVELOPER:  
MACKS & MACKS  
6615 Reisterstown Rd.  
Suite 245  
Baltimore, Md. 21215  
(301) 358-4934

PLAN NO. 7274-7275 4 of 11

**KIDDE CONSULTANTS, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
1100 WEST STREET SUITE 101 BALTIMORE, MD 21201  
(Wash) (301) 953-1821 FAX (301) 953-1821

DATE JAN. 1987 SCALE AS SHOWN  
**SDP-87-123**

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.  
John M. Boyd Esq. 7/15/87  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
James McVicker 7-16-87  
DIRECTOR DATE  
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.  
James McVicker 7/14/87  
DIRECTOR DATE  
James McVicker 7-13-87  
CHIEF BUREAU OF ENGINEERING DATE

APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 4-20-87  
James McVicker



**LEGEND**

1	FOUR INTERVAL	2 FEET
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3	PROPOSED CONTOUR	300'
4	SPOT ELEVATION	+60'
5	DIRECTION OF DRAINAGE	→
6	PROPOSED STORM DRAIN	→
7	PROPOSED SEWER LINES	→
8	PROPOSED WATER LINES	→
9	TEST BORING LOCATIONS	○
10	BENCH MARK LOCATIONS	○

**UNIT TYPE/PARKING SCHEDULE**

UNIT #	2 BEDROOM	3 BEDROOM	TOTAL	REQ PARKING
1	12	0	12	18
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3	12	0	12	18
4	12	0	12	18
5	3	6	9	17
6	3	6	9	17
7	12	0	12	18
8	12	0	12	18
9	12	0	12	18
10	12	0	12	18
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12	12	0	12	18
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15	12	0	12	18
16	12	0	12	18
17	12	0	12	18
18	12	0	12	18
19	12	0	12	18
20	3	6	9	17
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**ADDRESS CHART**

BLDG NO	STREET ADDRESS
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50	8367 MONTGOMERY RUN RD
51	8385 MONTGOMERY RUN RD
52	8381 MONTGOMERY RUN RD
53	8377 MONTGOMERY RUN RD
54	8375 MONTGOMERY RUN RD

**REVISIONS**

NO.	REVISION BEING MADE	DATE
1	RE-DRAWN	7/15/87
2	ADDED STREET NAMES TO ADDRESS CHART	8/13/87

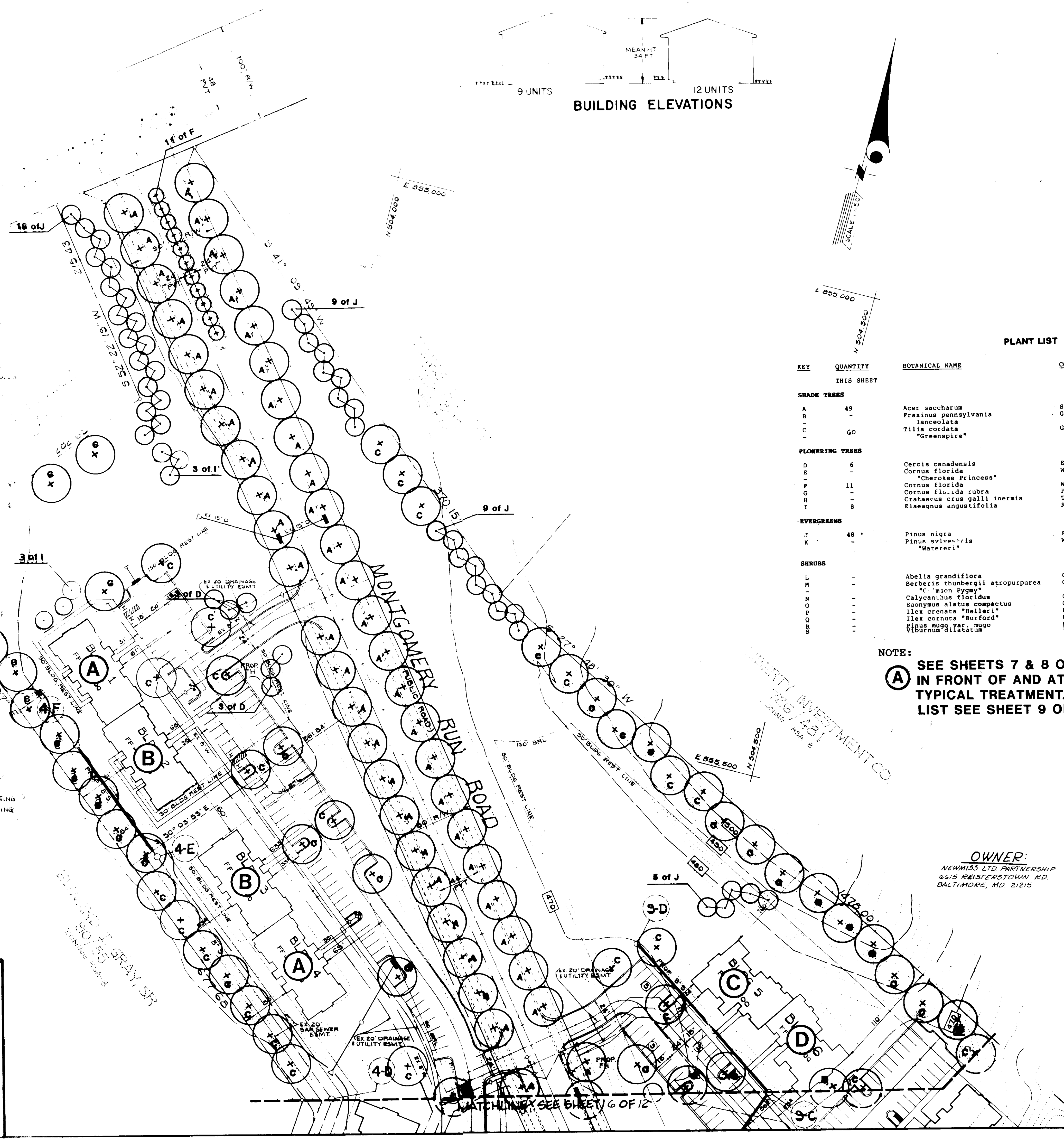
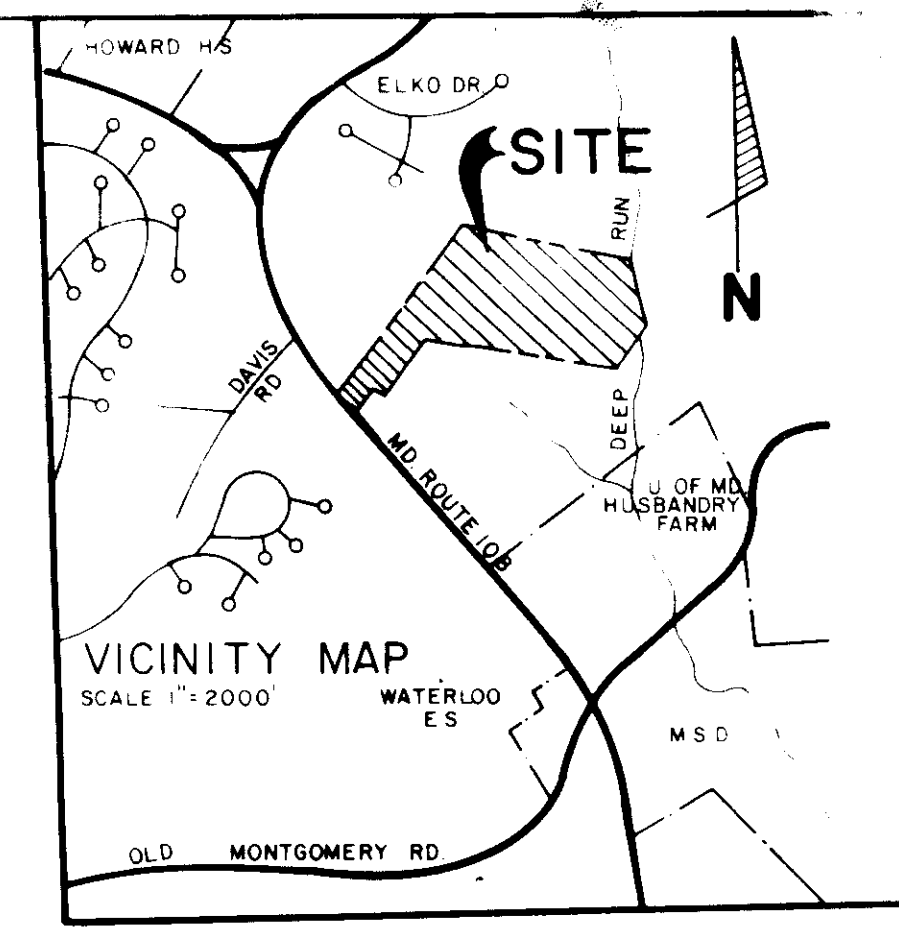
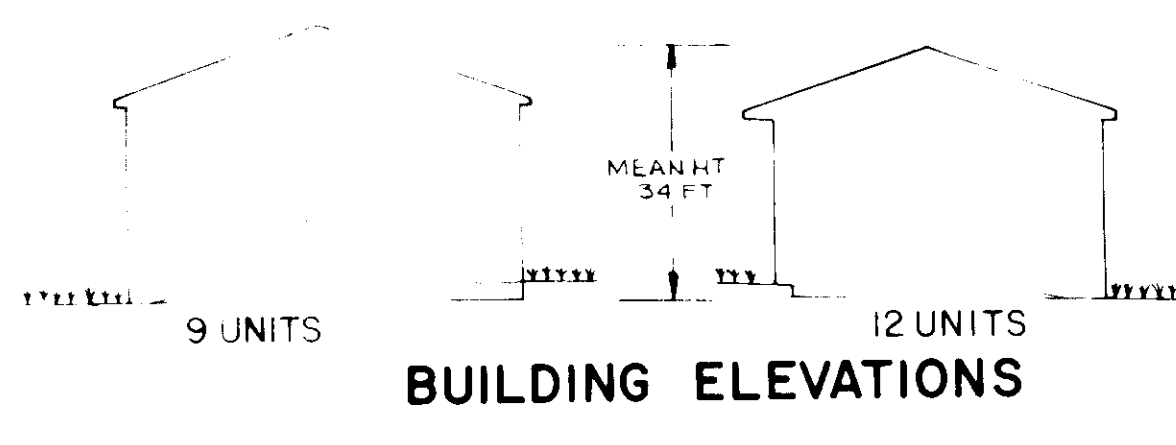
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
 MS HOWARD COUNTY HEALTH DEPARTMENT  
 HEALTH OFFICER: *[Signature]* DATE: 7/15/87

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
 DATE: 7-16-87

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEM & PUBLIC ROADS HOWARD COUNTY DEPARTMENT PUBLIC WORKS  
 DATE: 7-14-87

BUREAU OF ENGINEERING  
 DATE: 7-13-87

APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE: 4-20-87



**PLANT LIST**

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
THIS SHEET					
<b>SHADE TREES</b>					
A	49	Acer saccharum	Sugar Maple	2-1/2"C	B&B, Staked
B	-	Fraxinus pennsylvanica lanceolata	Green Ash	2-1/2"C	B&B, Staked
C	60	Tilia cordata "Greenspire"	Greenspire Linden	2"C	B&B, Staked
<b>FLOWERING TREES</b>					
D	6	Cercis canadensis	Eastern Redbud	8'-10'Ht.	B&B, Staked
E	-	Cornus florida "Cherokee Princess"	White Dogwood	8'-10'Ht.	B&B, Staked
F	11	Cornus florida	"Cherokee Princess"	8'-10'Ht.	B&B, Staked
G	-	Cornus florida rubra	White Dogwood	8'-10'Ht.	B&B, Staked
H	-	Crataegus crus galli inermis	Pink Flowering Dogwood	8'-10'Ht.	B&B, Staked
I	8	Elaeagnus angustifolia	Thornless Hawthorn	2"C	B&B, Staked
<b>EVERGREENS</b>					
J	48	Pinus nigra	Austrian Pine	5'-6'Ht.	B&B, Staked
K	-	Pinus sylvestris "Watereri"	Watereri's Scotch Pine	8'-10'Ht.	B&B, Staked
<b>SHRUBS</b>					
L	-	Abelia grandiflora	Glossy Abelia	3'-4'Spr	Cont., Butterfly
M	-	Berberis thunbergii atropurpurea	Crimson Pygmy	1 Gal. Cont.	Cont., Butterfly
N	-	"Crimson Pygmy"	Japanese Barberry	-	-
O	-	Calycanthus floridus	Common Sweetshrub	18'-24'Ht.	B&B, Staked
P	-	Euonymus alatus compactus	Compact Winged Euonymus	2'-2 1/2'	B&B, Staked
Q	-	Ilex crenata "Helleri"	Beller Japanese Holly	2'-3'Ht.	Cont., Butterfly
R	-	Ilex crenata "Burford"	Burford Chinese Holly	3'-4'Ht.	Cont., Butterfly
S	-	Pinus mugo var. mugo	Mugo Pine	2 1/2' Spr.	Cont., Butterfly
	-	Viburnum dilatatum	Linden Viburnum	2 1/2' Spr.	Cont., Butterfly

**NOTE:**  
 (A) SEE SHEETS 7 & 8 OF 10 FOR REQUIRED PLANTINGS IN FRONT OF AND AT THE END OF BUILDINGS AND TYPICAL TREATMENT. DETAILS, NOTES & MASTER PLANT LIST SEE SHEET 9 OF 10.

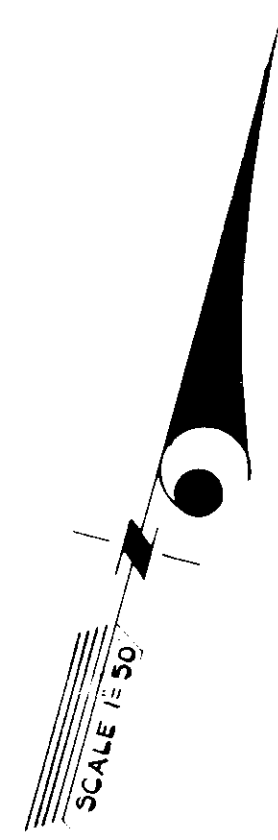
**OWNER:**  
 NEWMISS LTD PARTNERSHIP  
 6615 REISTERSTOWN RD  
 BALTIMORE, MD 21215

SUBDIVISION NAME VILLAGE OF MONTGOMERY RUN	SECT./AREA 1/1	LOT/PARCEL NO. A, B, C, D, E
PLAT/NO OR L/F 7274/1	BLOCK NO. 14/20/1	ZONE R-20
TAX/ZONE MAP 31/37	ELEC DIST. 1	CENSUS TR. 6011
WATER CODE D07	SEWER CODE 2780000	

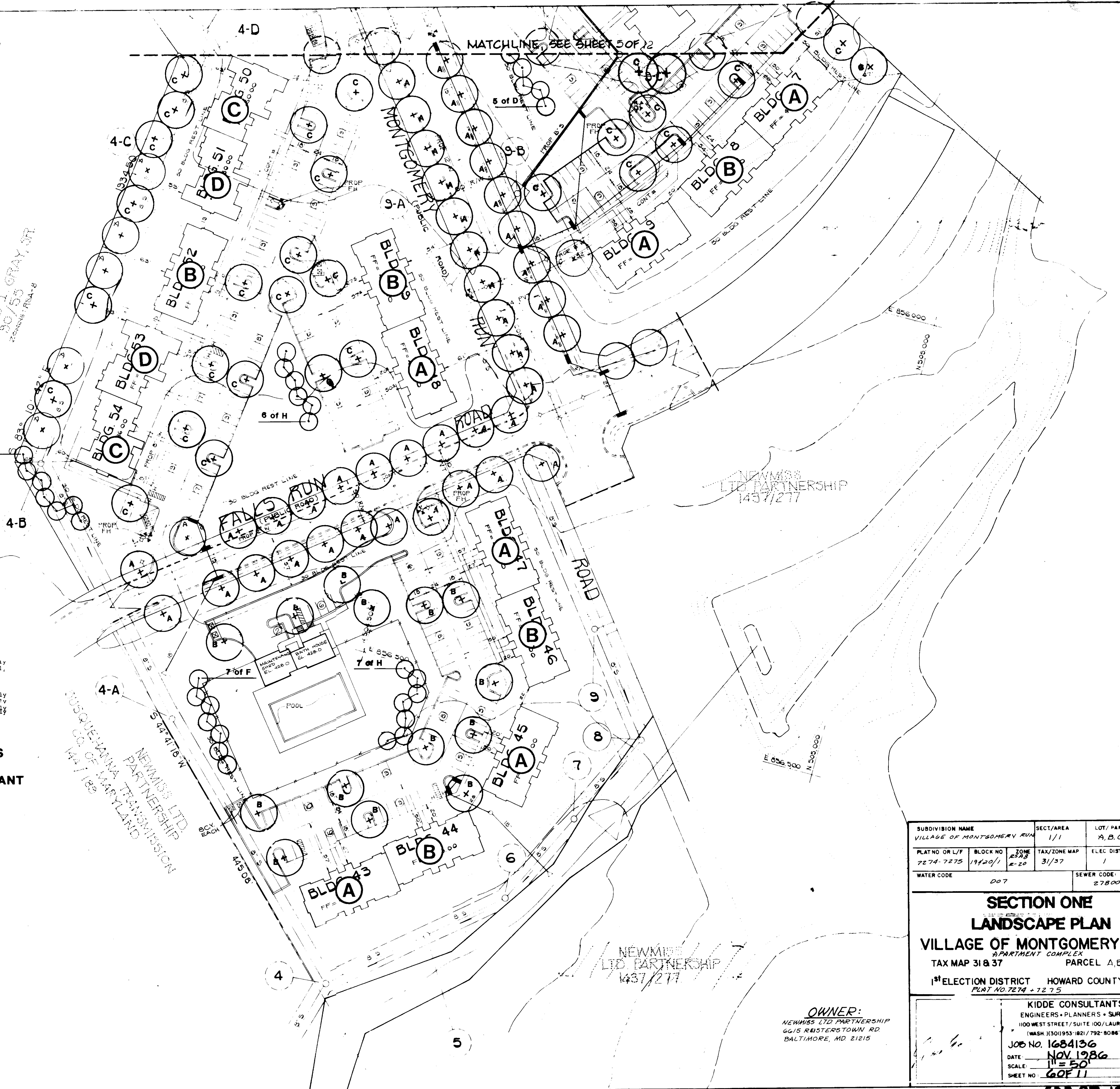
**SECTION ONE**  
**LANDSCAPE PLAN**  
 VILLAGE OF MONTGOMERY RUN  
 APARTMENT COMPLEX  
 TAX MAP 31 & 37 PARCEL A, B, C, D, E  
 1<sup>ST</sup> ELECTION DISTRICT HOWARD COUNTY MD.  
 PLAT NO. 7274 & 7275

KIDDE CONSULTANTS INC.  
 ENGINEERS & PLANNERS - SURVEYORS  
 1100 WEST STREET / SUITE 100 / LAUREL, MD 20707  
 (PHONE: 301/953-1821 / 792-8086 (BALT))  
 JOB NO. 1684136  
 DATE: NOV 1986  
 SCALE: 1"=50'  
 SHEET NO. 5 OF 11





EDWARD J. GRAY, JR.  
30/55  
ZONING: RMA-8



**PLANT LIST**

KEY	QUANTITY THIS SHEET	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
<b>SHADE TREES</b>					
A	43	Acer saccharum	Sugar Maple	2-1/2"C	B&B, Staked
B	14	Fraxinus pennsylvanica lanceolata	Green Ash	2-1/2"C	B&B, Staked
C	30	Tilia cordata "Greenspire"	Greenspire Linden	2"C	B&B, Staked
<b>FLOWERING TREES</b>					
D	5	Cercis canadensis	Eastern Redbud	8'-10'Ht.	B&B, Staked
E	-	Cornus florida "Cherokee Princess"	White Dogwood	8'-10'Ht.	B&B, Staked
F	7	Cornus florida	White Dogwood	8'-10'Ht.	B&B, Staked
G	-	Cornus florida rubra	Pink Flowering Dogwood	8'-10'Ht.	B&B, Staked
H	13	Crataegus crus galli inermis	Thornless Hawthorn	2"C	B&B, Staked
I	-	Elaeagnus angustifolia	Russian Olive	5'-6'Ht.	B&B, Staked
<b>EVERGREENS</b>					
J	7	Pinus nigra	Austrian Pine	5'-6'Ht.	B&B, Staked
K	-	Pinus sylvestris "Watereri"	Waterer's Scotch Pine	8'-10'Ht.	B&B, Staked
<b>SHRUBS (TYPICALS ONLY)</b>					
L	-	Abelia grandiflora	Glossy Abelia	3'-4'Spd.	Cont., Butterfly
M	-	Berberis thunbergii atropurpurea "Crimson Pygmy"	Crimson Pygmy Japanese Barberry	1 Gal. Cont.	Cont., Butterfly
N	-	Calyptrocline floridus	Common Sweetshrub	18"-24'Ht.	B&B, Staked
O	-	Euonymus alatus compactus	Compact Winged Euonymus	2'-2 1/2'	B&B, Staked
P	-	Ilex crenata "Huller's"	Heller Japanese Holly	2'-3'Ht.	Cont., Butterfly
Q	-	Ilex cornuta "Bu. Lord"	Burford Chinese Holly	3'-4'Ht.	Cont., Butterfly
R	-	Pinus mugo var. mugo	Mugo Pine	1 1/2'-2'Spd.	Cont., Butterfly
S	-	Viburnum dilatatum	Linden Viburnum	2'-3'Spd.	Cont., Butterfly

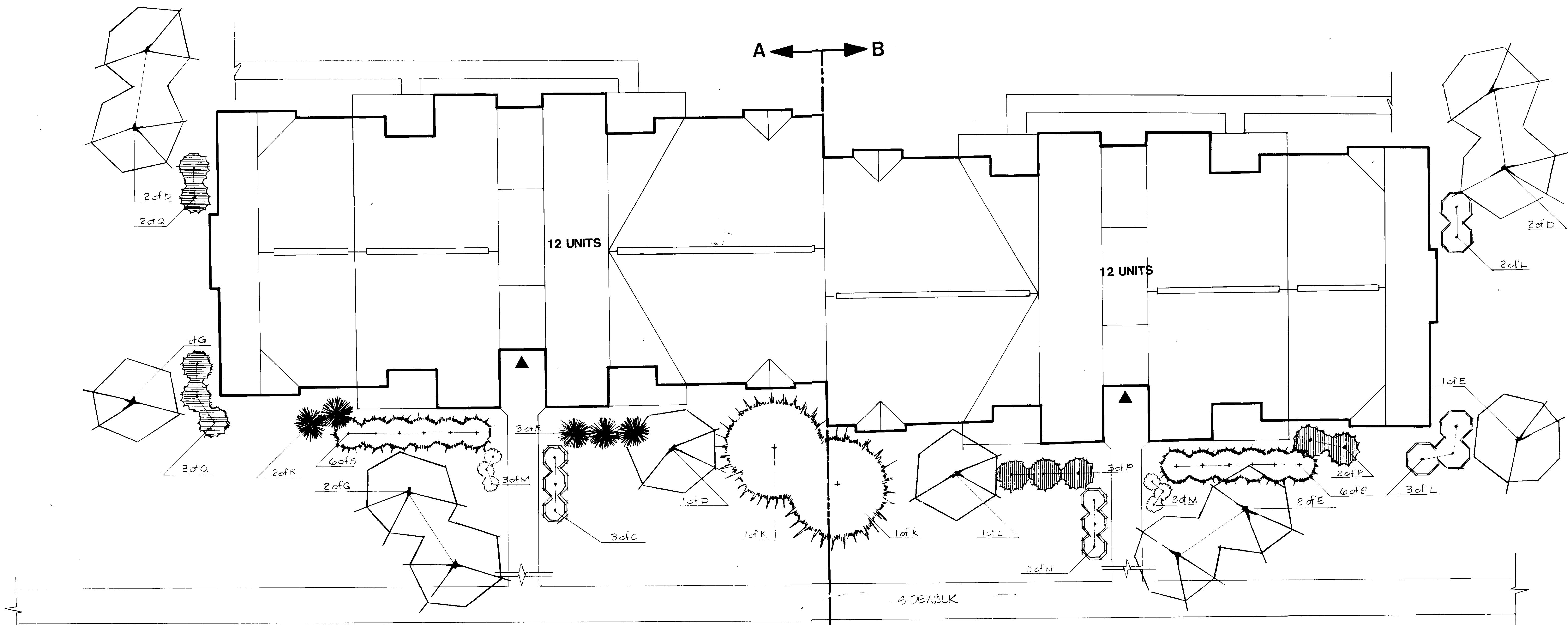
**NOTE:**  
**(A)** SEE SHEETS 7 & 8 OF 12 FOR REQUIRED PLANTINGS IN FRONT OF AND AT THE END OF BUILDINGS AND TYPICAL TREATMENT. DETAILS, NOTES & MASTER PLANT LIST SEE SHEET 9 OF 12.

REVISIONS	
DATE	REVISION BEING MADE
11-20-86	RE-DRAWN
2-1-87	REVISE POOL & ROAD
2-2-88	ADDED T-TURN AROUND & DUMPSTER AREA

John M. Doyle M.D. p. 2/15/87  
 [Signature] 7-16-87  
 [Signature] 7-16-87  
 [Signature] 7-16-87  
 [Signature] 7-16-87

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 4-20-87  
 [Signature]

SUBDIVISION NAME VILLAGE OF MONTGOMERY RUN		SECT./AREA 1/1	LOT/PARCEL NO. A, B, C, D, E
PLAT NO. OR L/F 7274-7275	BLOCK NO. 19/20/1	ZONE R-20	TAX/ZONE MAP 31/37
ELEC. DIST. 1		CENBUS TR. 6011	
WATER CODE 007		SEWER CODE 278000	
<b>SECTION ONE</b>			
<b>LANDSCAPE PLAN</b>			
<b>VILLAGE OF MONTGOMERY RUN</b>			
APARTMENT COMPLEX			
TAX MAP 31 & 37		PARCEL A, B, C, D, E	
1 <sup>ST</sup> ELECTION DISTRICT		HOWARD COUNTY, MD.	
PLAT NO. 7274 + 7275			
<b>OWNER:</b>			
NEWMISS LTD PARTNERSHIP 6615 RISTERSTOWN RD. BALTIMORE, MD 21215			
<b>KIDDE CONSULTANTS INC.</b>			
ENGINEERS - PLANNERS - SURVEYORS 100 WEST STREET / SUITE 100 / LAUREL, MD 20707 (WASH. J3011953-1821 / 792-8086 (BALT.))			
JOB NO. 1684136			
DATE NOV. 1986			
SCALE 1" = 50'			
SHEET NO. 6 OF 11			



PLANT LIST OF TREATMENT A

KEY	QUANTITY THIS SHEET	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
<b>SHADE TREES</b>					
A	-	Acer saccharum	Sugar Maple	2-1/2"C	B&B, Staked
B	-	Fraxinus pennsylvanica lanceolata	Green Ash	2-1/2"C	B&B, Staked
C	-	Tilia cordata "Greenspire"	Greenspire Linden	2"C	B&B, Staked
<b>FLOWERING TREES</b>					
D	3	Cercis canadensis	Eastern Redbud	8'-10'Ht.	B&B, Staked
E	-	Cornus florida "Cherokee Princess"	White Dogwood	8'-10'Ht.	B&B, Staked
F	-	Cornus florida	White Dogwood	8'-10'Ht.	B&B, Staked
G	3	Cornus florida rubra	Pink Flowering Dogwood	8'-10'Ht.	B&B, Staked
H	-	Crataegus crus galli inermis	Thornless Hawthorn	2"C	B&B, Staked
I	-	Elaeagnus angustifolia	Russian Olive	5'-6'Ht.	B&B, Staked
<b>EVERGREENS</b>					
J	-	Pinus nigra	Austrian Pine	5'-6'Ht.	B&B, Staked
K	1	Pinus sylvestris "Watereri"	Watereri's Scotch Pine	8'-10'Ht.	B&B, Staked
<b>SHRUBS</b>					
L	-	Abelia grandiflora	Glossy Abelia	3'-4'Sprd.	Cont., Butterfly
M	3	Berberis thunbergii atropurpurea "Crimson Pygmy"	Crimson Pygmy Japanese Barberry	1 Gal. Cont.	Cont., Butterfly
N	-	Calycanthus floridus	Common Sweetshrub	18"-24"Ht.	B&B, Staked
O	3	Euonymus alatus compactus	Compact Winged Euonymus	2'-2 1/2'	B&B, Staked
P	-	Ilex crenata "Helleri"	Heller Japanese Holly	2'-3'Ht.	Cont., Butterfly
Q	5	Ilex cornuta "Burford"	Burford Chinese Holly	3'-4'Ht.	Cont., Butterfly
R	5	Pinus mugo var. mugo	Mugo Pine	2 1/2-3'Sprd.	Cont., Butterfly
S	6	Viburnum dilatatum	Linden Viburnum	4'-5'Ht.	Cont., Butterfly

PLANT LIST OF TREATMENT B

KEY	QUANTITY THIS SHEET	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
<b>SHADE TREES</b>					
A	-	Acer saccharum	Sugar Maple	2-1/2"C	B&B, Staked
B	-	Fraxinus pennsylvanica lanceolata	Green Ash	2-1/2"C	B&B, Staked
C	-	Tilia cordata "Greenspire"	Greenspire Linden	2"C	B&B, Staked
<b>FLOWERING TREES</b>					
D	3	Cercis canadensis	Eastern Redbud	8'-10'Ht.	B&B, Staked
E	3	Cornus florida "Cherokee Princess"	White Dogwood	8'-10'Ht.	B&B, Staked
F	-	Cornus florida	White Dogwood	8'-10'Ht.	B&B, Staked
G	-	Cornus florida rubra	Pink Flowering Dogwood	8'-10'Ht.	B&B, Staked
H	-	Crataegus crus galli inermis	Thornless Hawthorn	2"C	B&B, Staked
I	-	Elaeagnus angustifolia	Russian Olive	5'-6'Ht.	B&B, Staked
<b>EVERGREENS</b>					
J	-	Pinus nigra	Austrian Pine	5'-6'Ht.	B&B, Staked
K	1	Pinus sylvestris "Watereri"	Watereri's Scotch Pine	8'-10'Ht.	B&B, Staked
<b>SHRUBS</b>					
L	5	Abelia grandiflora	Glossy Abelia	3'-4'Sprd.	Cont., Butterfly
M	3	Berberis thunbergii atropurpurea "Crimson Pygmy"	Crimson Pygmy Japanese Barberry	1 Gal. Cont.	Cont., Butterfly
N	-	Calycanthus floridus	Common Sweetshrub	18"-24"Ht.	B&B, Staked
O	3	Euonymus alatus compactus	Compact Winged Euonymus	2'-2 1/2'	B&B, Staked
P	5	Ilex crenata "Helleri"	Heller Japanese Holly	2'-3'Ht.	Cont., Butterfly
Q	-	Ilex cornuta "Burford"	Burford Chinese Holly	3'-4'Ht.	Cont., Butterfly
R	-	Pinus mugo var. mugo	Mugo Pine	2 1/2-3'Sprd.	Cont., Butterfly
S	6	Viburnum dilatatum	Linden Viburnum	4'-5'Ht.	Cont., Butterfly

NOTE: 8 NO. OF BLDGS 7  
 (A) SEE SHEETS 7 & 8 OF 10 FOR REQUIRED PLANTINGS IN FRONT OF AND AT THE END OF BUILDINGS AND TYPICAL TREATMENT. DETAILS, NOTES & MASTER PLANT LIST SEE SHEET 9 OF 10.

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

APPROVED DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION HOWARD COUNTY, MARYLAND DATE 4-20-87

KIDDE CONSULTANTS, INC. ENGINEERS • PLANNERS • SURVEYORS 1100 WEST STREET / SUITE 100 / LAUREL, MD 20707 (Wash.) (301) 953-1821 / 702-9088 (Balt.)

OWNER: NEWMISS LTD PARTNERSHIP 6615 REISTERS TOWN RD BALTIMORE, MD 21215

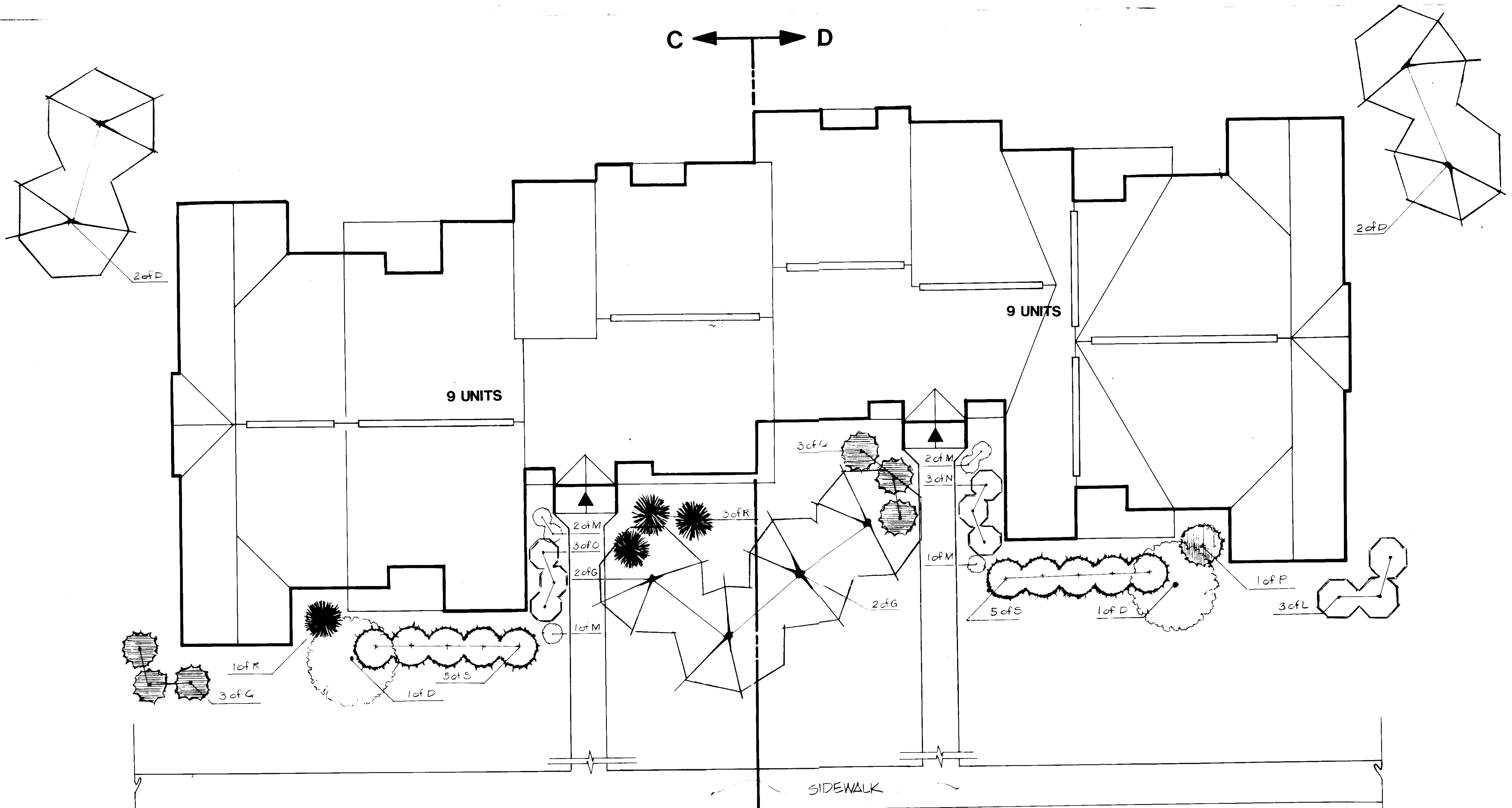
BUILDING TYPICALS

LANDSCAPE PLAN

VILLAGE OF MONTGOMERY RUN SEC. 1/1 TAX MAP 31&37 PARCEL A,B,C,D&E 1st ELECTION DISTRICT, HOWARD COUNTY MD.

7 NOV. 1986 11 1/8" = 1'-0" 1684156 SDP-87-123





**PLANT LIST OF TREATMENT C**

KEY	QUANTITY THIS SHEET	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
<b>SHADE TREES</b>					
A	-	Acer saccharum	Sugar Maple	2-1/2"C	B&B, Staked
B	-	Fraxinus pennsylvanica lanceolata	Green Ash	2-1/2"C	B&B, Staked
C	-	Tilia cordata "Greenspire"	Greenspire Linden	2"C	B&B, Staked
<b>FLOWERING TREES</b>					
D	3	Cercis canadensis	Eastern Redbud	8'-10'Ht.	B&B, Staked
E	-	Cornus florida "Cherokee Princess"	White Dogwood	8'-10'Ht.	B&B, Staked
F	-	Cornus florida	White Dogwood	8'-10'Ht.	B&B, Staked
G	2	Cornus florida rubra	Pink Flowering Dogwood	8'-10'Ht.	B&B, Staked
H	-	Crataegus crus galli inermis	Thornless Hawthorn	2"C	B&B, Staked
I	-	Elaeagnus angustifolia	Russian Olive	5'-6'Ht.	B&B, Staked
<b>EVERGREENS</b>					
J	-	Pinus nigra	Austrian Pine	5'-6'Ht.	B&B, Staked
K	-	Pinus sylvestris "Watereri"	Waterer's Scotch Pine	8'-10'Ht.	B&B, Staked
<b>SHRUBS</b>					
L	3	Abelia grandiflora	Glossy Abelia	3'-4'Spr.	Cont., Butterfly
M	3	Berberis thunbergii atropurpurea "Crimson Pygmy"	Crimson Pygmy	1 Gal. Cont.	Cont., Butterfly
N	-	Calycanthus floridus	Japanese Barberry	18"-24"Ht.	B&B, Staked
O	3	Euonymus alatus compactus	Common Sweetshrub	2'-2 1/2'	B&B, Staked
P	-	Ilex crenata "Helleri"	Compact Winged Euonymus	2'-3'Ht.	Cont., Butterfly
Q	3	Ilex cornuta "Burford"	Heller Japanese Holly	3'-4'Ht.	Cont., Butterfly
R	4	Pinus mugo var. mugo	Burford Chinese Holly	2 1/2-3'Spr.	Cont., Butterfly
S	5	Viburnum dilatatum	Mugo Pine	4'-5'Ht.	Cont., Butterfly

**TREATMENT C ← TREATMENT D**

3 NO. OF BLDGS 3

**NOTE:**  
 (A) SEE SHEETS 7 & 8 OF 10 FOR REQUIRED PLANTINGS IN FRONT OF AND AT THE END OF BUILDINGS AND TYPICAL TREATMENT. DETAILS, NOTES & MASTER PLANT LIST SEE SHEET 9 OF 10.

**PLANT LIST OF TREATMENT D**

KEY	QUANTITY THIS SHEET	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
<b>SHADE TREES</b>					
A	-	Acer saccharum	Sugar Maple	2-1/2"C	B&B, Staked
B	-	Fraxinus pennsylvanica lanceolata	Green Ash	2-1/2"C	B&B, Staked
C	-	Tilia cordata "Greenspire"	Greenspire Linden	2"C	B&B, Staked
<b>FLOWERING TREES</b>					
D	3	Cercis canadensis	Eastern Redbud	8'-10'Ht.	B&B, Staked
E	-	Cornus florida "Cherokee Princess"	White Dogwood	8'-10'Ht.	B&B, Staked
F	-	Cornus florida	White Dogwood	8'-10'Ht.	B&B, Staked
G	2	Cornus florida rubra	Pink Flowering Dogwood	8'-10'Ht.	B&B, Staked
H	-	Crataegus crus galli inermis	Thornless Hawthorn	2"C	B&B, Staked
I	-	Elaeagnus angustifolia	Russian Olive	5'-6'Ht.	B&B, Staked
<b>EVERGREENS</b>					
J	-	Pinus nigra	Austrian Pine	5'-6'Ht.	B&B, Staked
K	-	Pinus sylvestris "Watereri"	Waterer's Scotch Pine	8'-10'Ht.	B&B, Staked
<b>SHRUBS</b>					
L	3	Abelia grandiflora	Glossy Abelia	3'-4'Spr.	Cont., Butterfly
M	3	Berberis thunbergii atropurpurea "Crimson Pygmy"	Crimson Pygmy	1 Gal. Cont.	Cont., Butterfly
N	3	Calycanthus floridus	Japanese Barberry	18"-24"Ht.	B&B, Staked
O	-	Euonymus alatus compactus	Common Sweetshrub	2'-2 1/2'	B&B, Staked
P	-	Ilex crenata "Helleri"	Compact Winged Euonymus	2'-3'Ht.	Cont., Butterfly
Q	3	Ilex cornuta "Burford"	Burford Chinese Holly	3'-4'Ht.	Cont., Butterfly
R	-	Pinus mugo var. mugo	Burford Chinese Holly	2 1/2-3'Spr.	Cont., Butterfly
S	5	Viburnum dilatatum	Mugo Pine	4'-5'Ht.	Cont., Butterfly

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

*James M. ...* COUNTY HEALTH OFFICER DATE 7/15/87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.

*James M. ...* DIRECTOR DATE 7-18-87

*James M. ...* CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE 7-18-87

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

*James M. ...* DIRECTOR DATE 7/14/87

*James M. ...* CHIEF BUREAU OF ENGINEERING DATE 7-12-87

APPROVED: DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION HOWARD COUNTY MARYLAND DATE 4-20-87

**KIDDE CONSULTANTS, INC.**  
 ENGINEERS • PLANNERS • SURVEYORS  
 1100 WEST STREET / SUITE 100 / LAUREL, MD 20707  
 (PHONE) (301) 983-1821 / 792-8088 (FAX)

**OWNER:**  
 NEWMISS LTD. PARTNERSHIP  
 6615 REISTERSTOWN RD.  
 BALTIMORE, MD 21215

**BUILDING TYPICALS**

**LANDSCAPE PLAN**

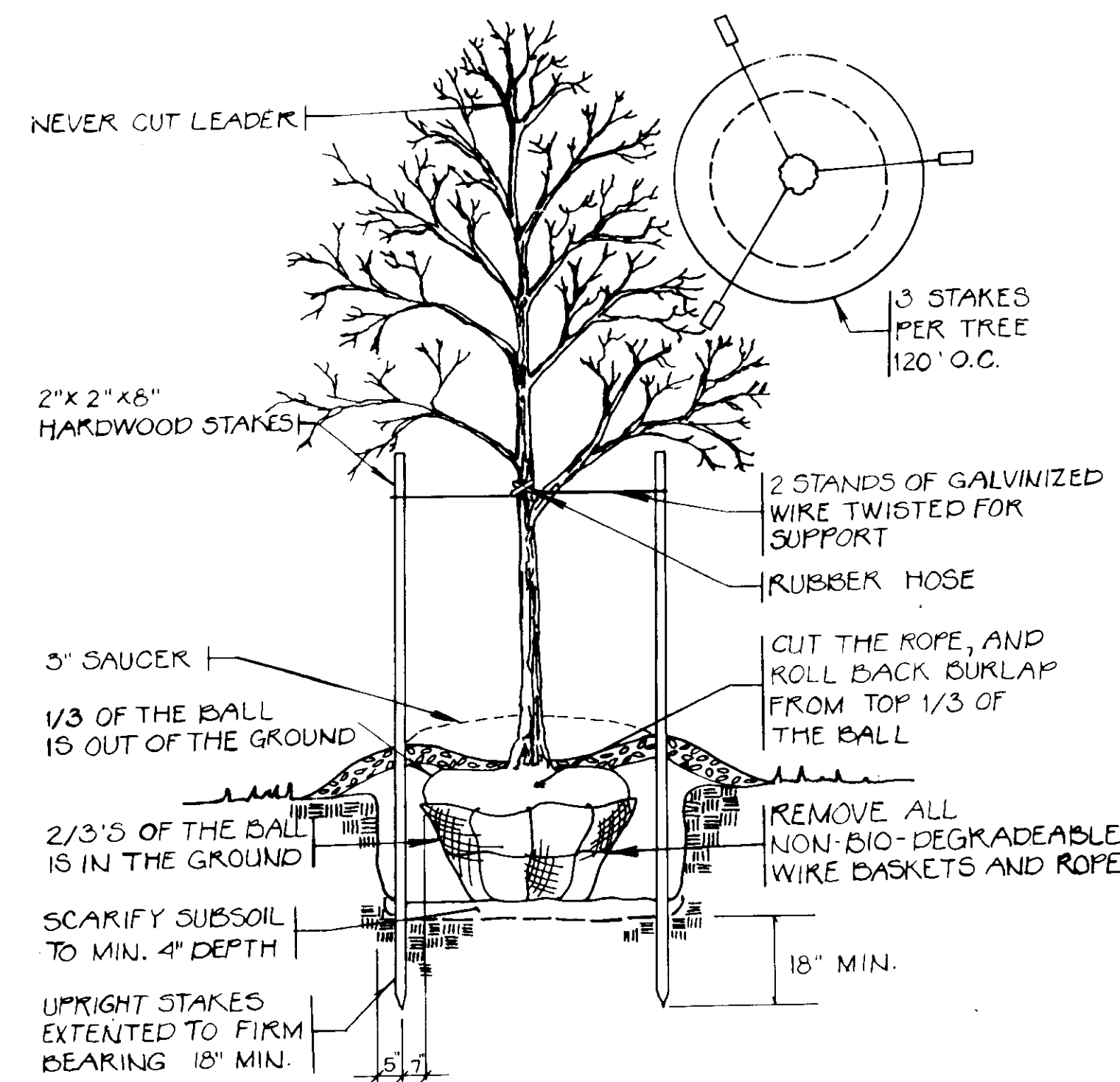
**VILLAGE OF MONTGOMERY RUN SEC 1/1**  
 TAX MAP 31&37 PARCEL A,B,C,D & E APARTMENT COMPLEX  
 1st ELECTION DISTRICT HOWARD COUNTY MD. PLAT NO. 7274 7275

8 NOV. 1986  
 11 1/8"=1'-0" 1684136  
 SDP-87-123

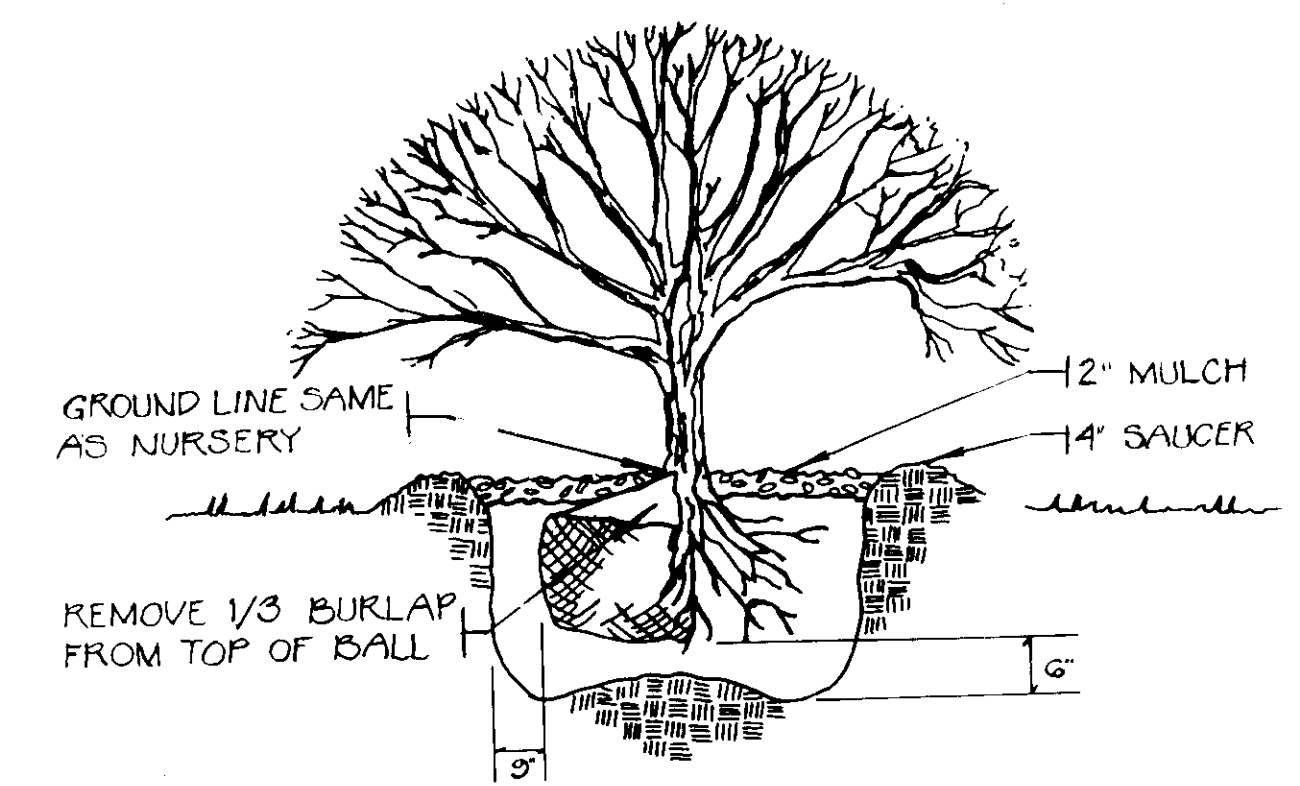


**GENERAL NOTES**

- Plants shall conform to current "American Standards for Nursery Stock" by American Association of Nurserymen (AAN), particularly with regards to size, growth, size of ball, and density of branch structure.
- All plants (B&B or container) shall be properly identified by weather-proof labels securely attached thereto before delivery to project site. Labels shall identify plants by name species and size. Labels shall not be removed until the final inspection by the Landscape Architect.
- Any material and/or work may be rejected by the Landscape Architect if it does not meet the requirements of the specifications. All rejected materials shall be removed from the site by the Contractor.
- The Contractor shall furnish all plants in quantities and sizes to complete the work as specified in plant schedule.
- Substitutions in plant species or size shall not be permitted except with the written approval of the Landscape Architect.
- Plants shall be located as shown on the drawings and by scaling or as designated in the field by the Landscape Architect. All locations are to be approved by the Landscape Architect before excavation.
- Contractor shall contact Miss Utility (559-0100) prior to any excavation.
- If utility lines are encountered in excavation of tree pits, other locations for the trees shall be selected by the Landscape Architect. Such changes shall be made by the contractor without additional compensation. No changes of location shall be made without the approval of the Landscape Architect.
- All equipment and tools shall be placed so as not to interfere or hinder the pedestrian and vehicular traffic flow.
- During planting operations, excess and waste materials shall be promptly and frequently removed from the site.



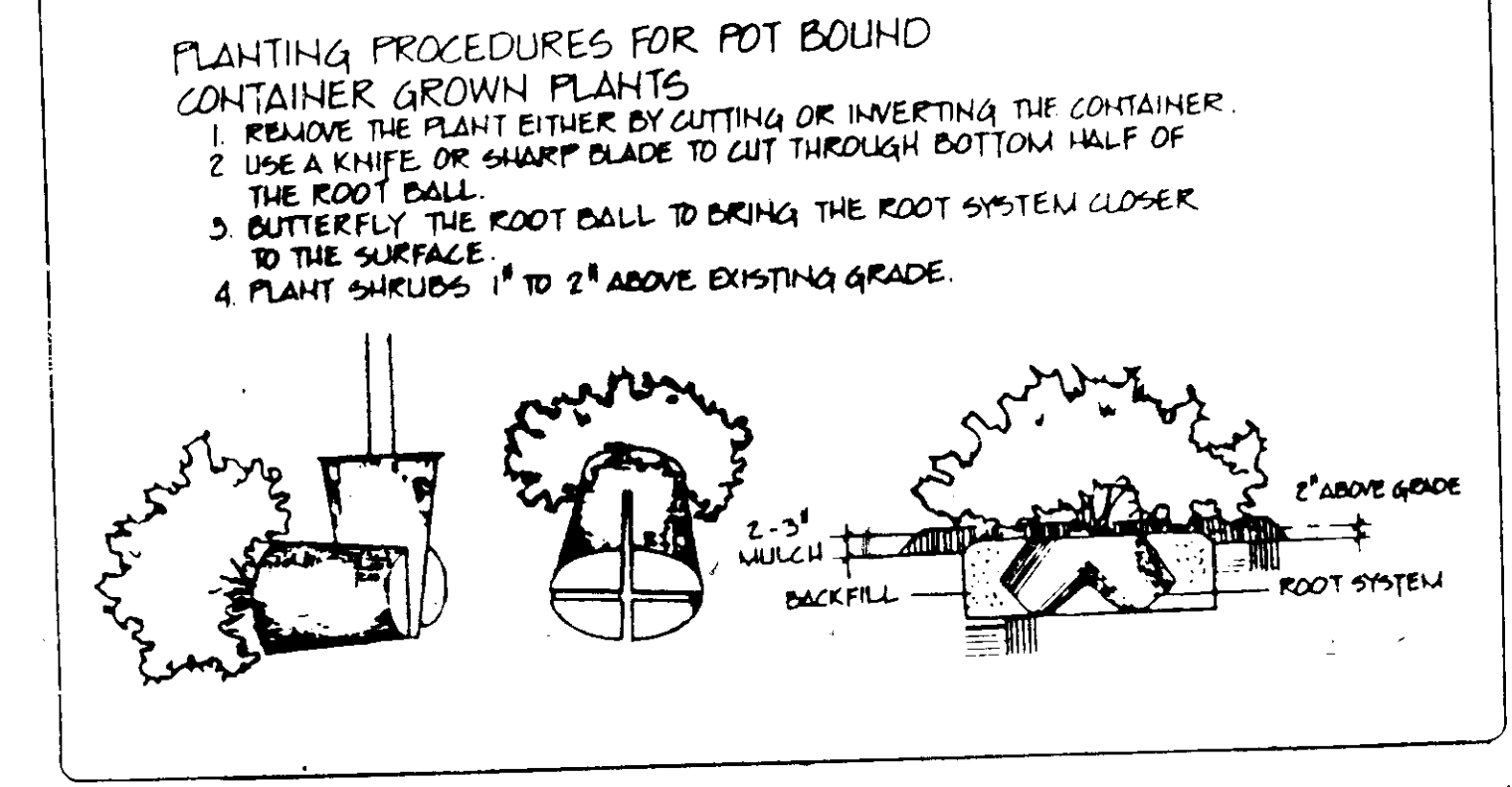
○ SHADE AND EVERGREEN PLANTING  
NO SCALE



○ SHRUB PLANTING DETAIL  
NO SCALE

**MASTER PLANT LIST**

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
<b>SHADE TREES</b>					
A	92	Acer saccharum	Sugar Maple	2-1/2\"C	B&B, Staked
B	14	Fraxinus pennsylvanica lanceolata	Green Ash	2-1/2\"C	B&B, Staked
C	93	Tilia cordata "Greenspire"	Greenspire Linden	2\"C	B&B, Staked
<b>FLOWERING TREES</b>					
D	74	Cercia canadensis	Eastern Redbud	8'-10'Ht.	B&B, Staked
E	21	Cornus florida "Cherokee Princess"	White Dogwood	8'-10'Ht.	B&B, Staked
F	18	Cornus florida	White Dogwood	8'-10'Ht.	B&B, Staked
G	36	Cornus florida rubra	Pink Flowering Dogwood	8'-10'Ht.	B&B, Staked
H	13	Crataegus crus galli inermis	Thornless Hawthorn	2\"C	B&B, Staked
I	8	Elaeagnus angustifolia	Russian Olive	5'-6'Ht.	B&B, Staked
<b>EVERGREENS</b>					
J	55	Pinus nigra	Austrian Pine	5'-6'Ht.	B&B, Staked
K	15	Pinus sylvestris "Watereri"	Watereri's Scotch Pine	8'-10'Ht.	B&B, Staked
<b>SHRUBS</b>					
L	44	Abelia grandiflora	Glossy Abelia	3'-4'Spr.	Cont., Butterfly
M	63	Herbertus thunbergii atropurpurea "Crimson Pygmy"	Crimson Pygmy	1 Gal. Cont.	Cont., Butterfly
N	30	Calycanthus floridus	Japanese Barberry	18'-24'Ht.	B&B, Staked
O	33	Euonymus alatus compactus	Compact Winged Euonymus	2'-2 1/2'	B&B, Staked
P	38	Ilex crenata "Helleri"	Heller Japanese Holly	2'-3'Ht.	Cont., Butterfly
Q	58	Ilex cornuta "Burford"	Burford Chinese Holly	3'-4'Ht.	Cont., Butterfly
R	52	Pinus mugo var. mugo	Mugo Pine	2 1/2'-3'Spr.	Cont., Butterfly
S	120	Viburnum dilatatum	Linden Viburnum	4'-5'Ht.	Cont., Butterfly



○ BUTTERFLY DETAIL FOR POT BOUND PLANTS  
NO SCALE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.  
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 7/15/87

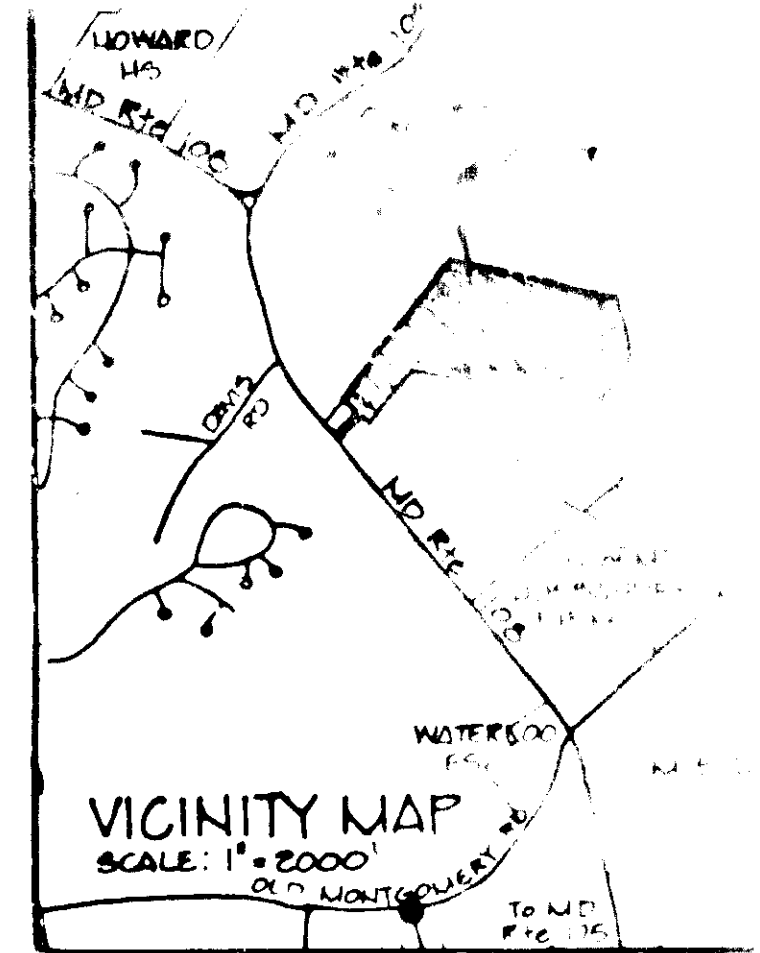
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.  
 DIRECTOR: *[Signature]* DATE: 7-16-87  
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.  
 DIRECTOR: *[Signature]* DATE: 7/14/87  
 CHIEF BUREAU OF ENGINEERING: *[Signature]* DATE: 7-14-87

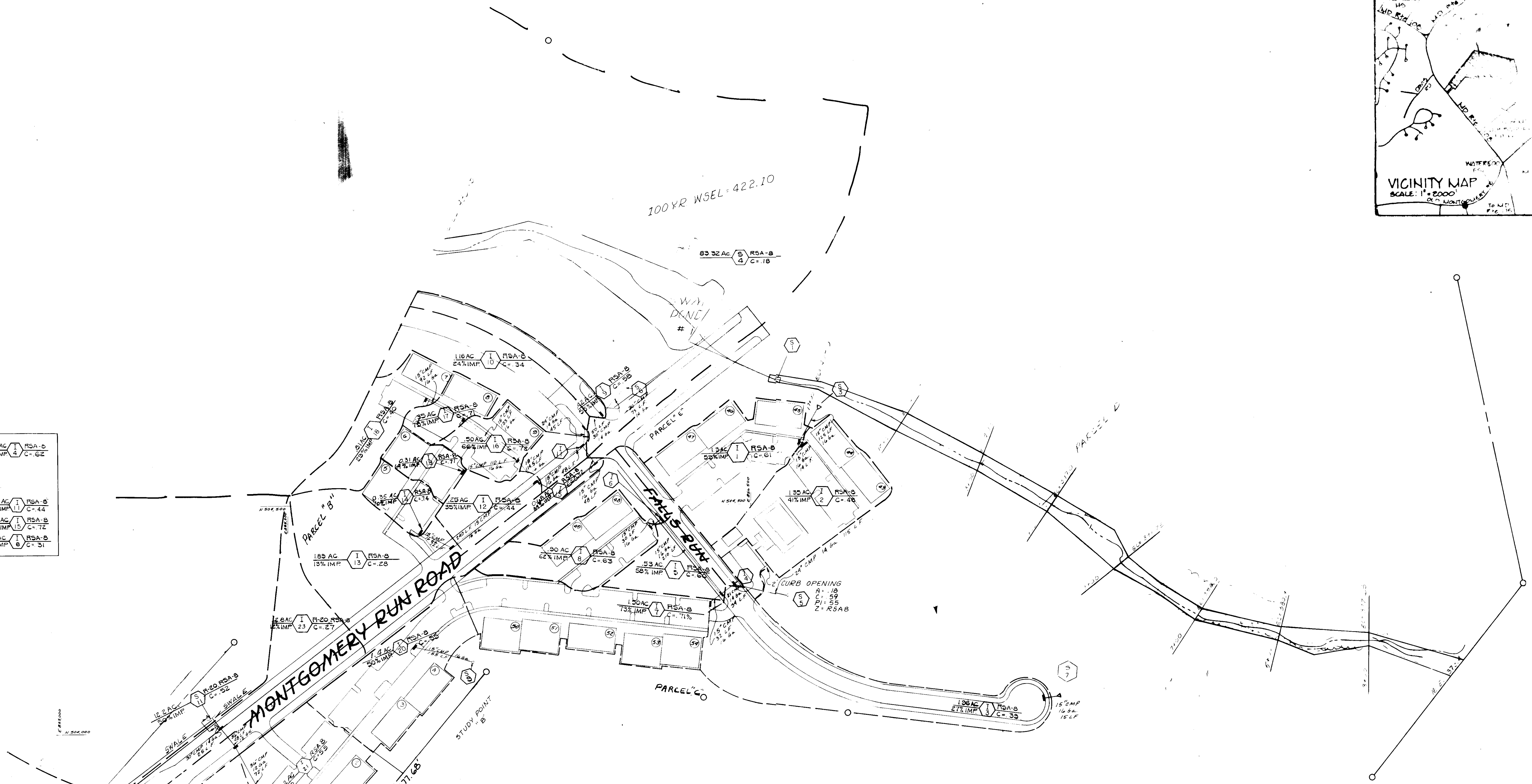
APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 4-20-87  
*[Signature]*

DATE: 11-20-86	TOTAL QUANTITY CORRECTED: 27	<b>KIDDE CONSULTANTS, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 1100 WEST STREET / SUITE 108 / LAUREL, MD 20707 (301) 853-1921 / 782-8088 (Bak.)	<b>OWNER:</b> NEWMISS LTD. PARTNERSHIP 6615 REISTERSTOWN RD BALTIMORE MD 21215	<b>CONSTRUCTION NOTES &amp; DETAILS</b>	<b>LANDSCAPE PLAN</b>	<b>VILLAGE OF MONTGOMERY RUN</b> TAX MAP 31&37 PARCEL A, B, C, D & E 1st ELECTION DISTRICT HOWARD COUNTY MD.	SECT 1/1	SHEET 9 OF 11	DATE NOV. 1986 SCALE NO SCALE	1684136
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KLUFFEL & ESSER B-5786



23 AC	1	RSA-B
34% IMP	4	C=62
25 AC	1	RSA-B
40% IMP	1	C=44
58 AC	1	RSA-B
65% IMP	15	C=72
6 AC	1	RSA-B
10% IMP	8	C=31



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 4-20-87  
*M. Hume*

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.  
*Jorge M. Boyd* 7/15/87  
DIRECTOR  
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*[Signature]* 7-16-87  
DIRECTOR  
*John W. M... [Signature]* 7-16-87  
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 7/15/87  
DIRECTOR  
*[Signature]* 7-13-87  
CHIEF BUREAU OF ENGINEERING

VILLAGE OF MONTGOMERY RUN  
APARTMENT COMPLEX  
TAX MAP 31 & 37  
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
PLAT NO 7274 & 7275

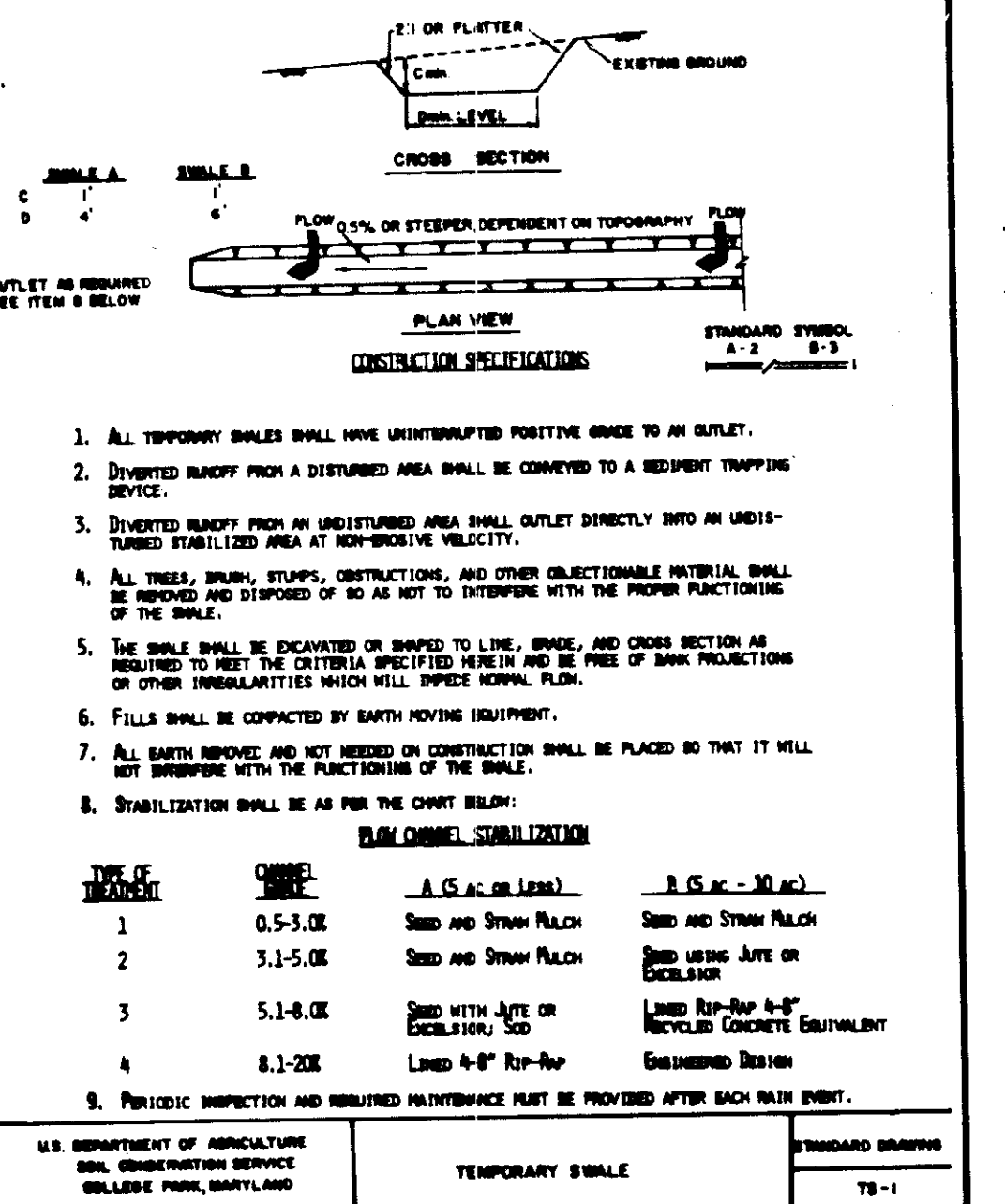
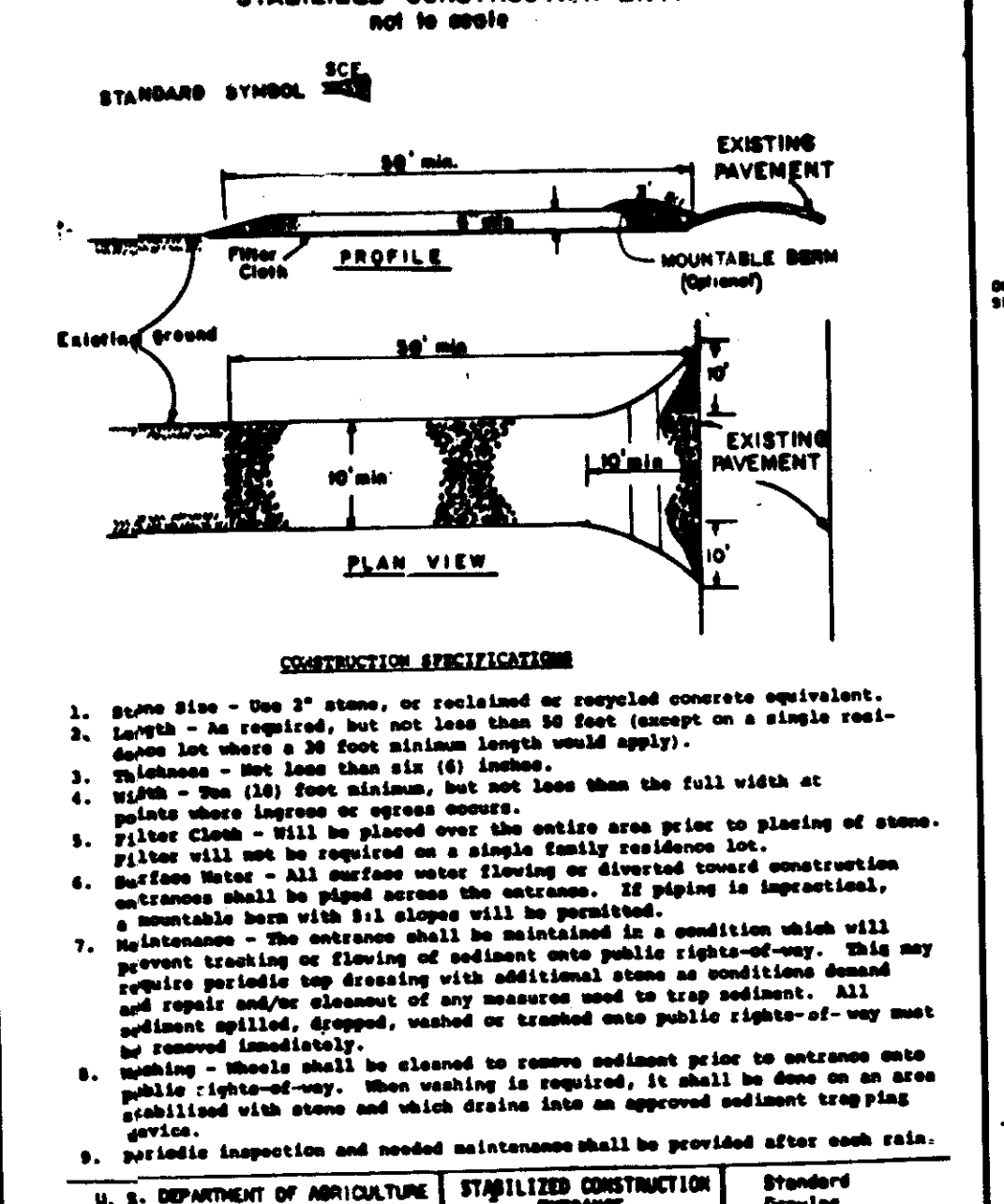
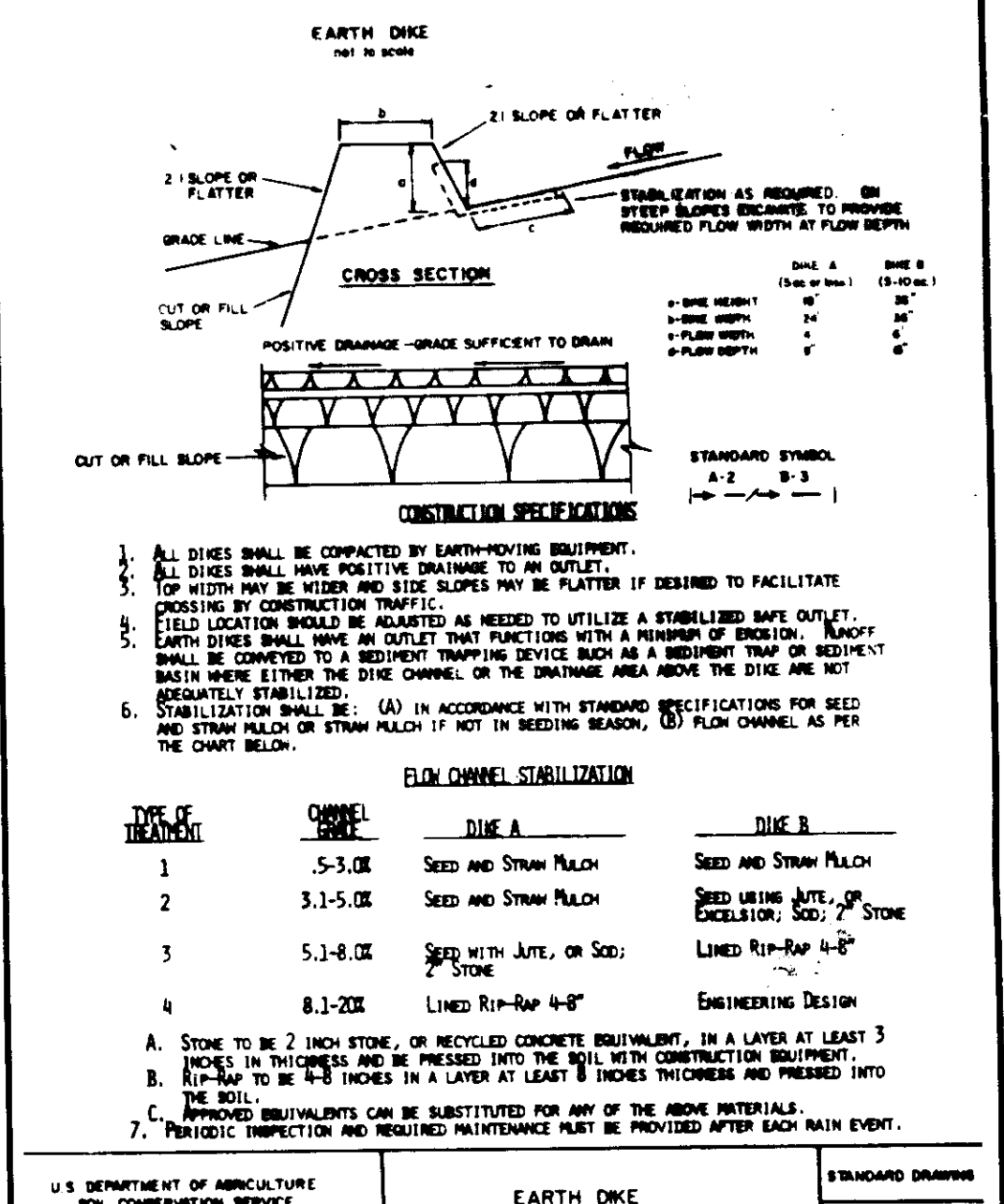
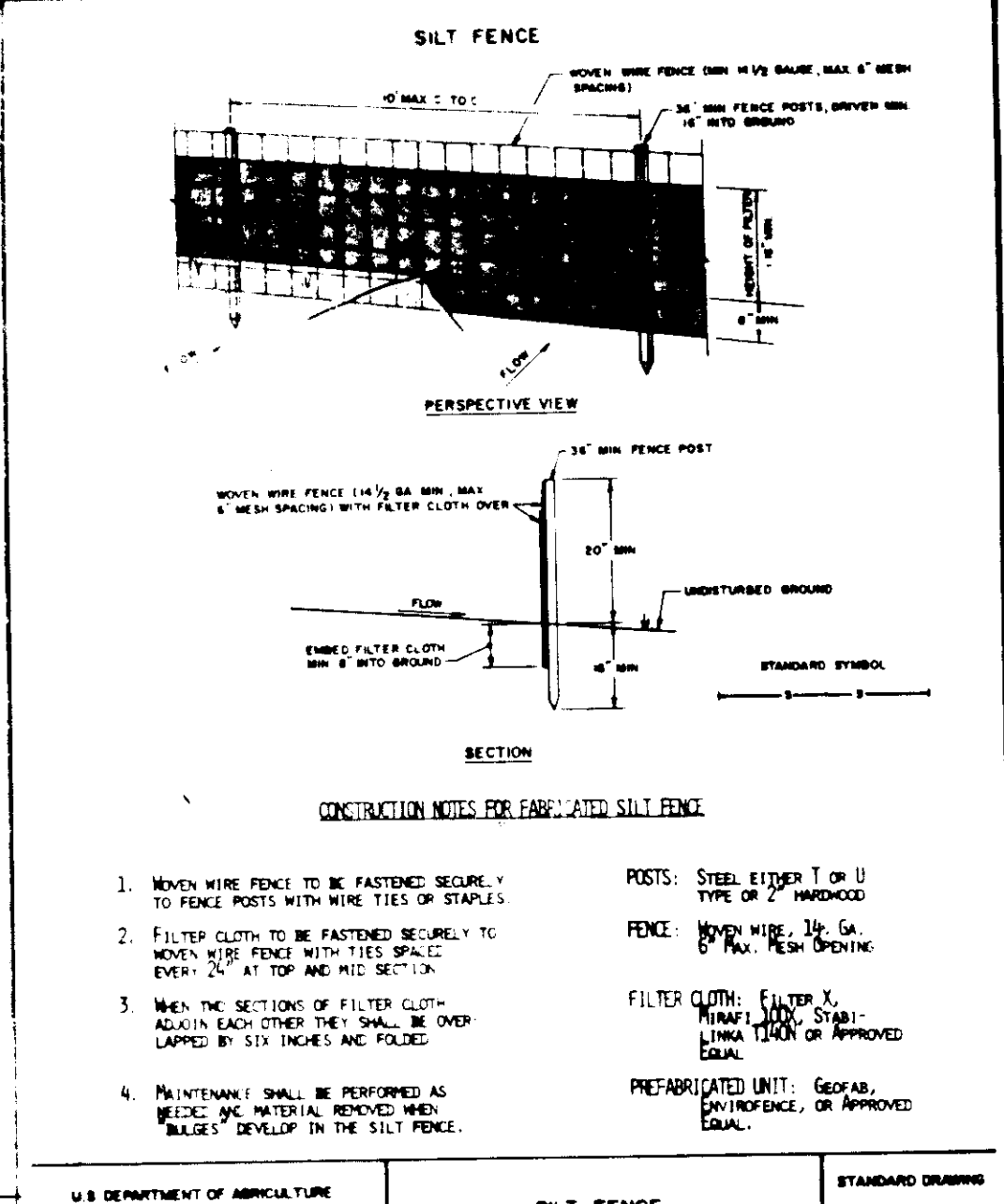
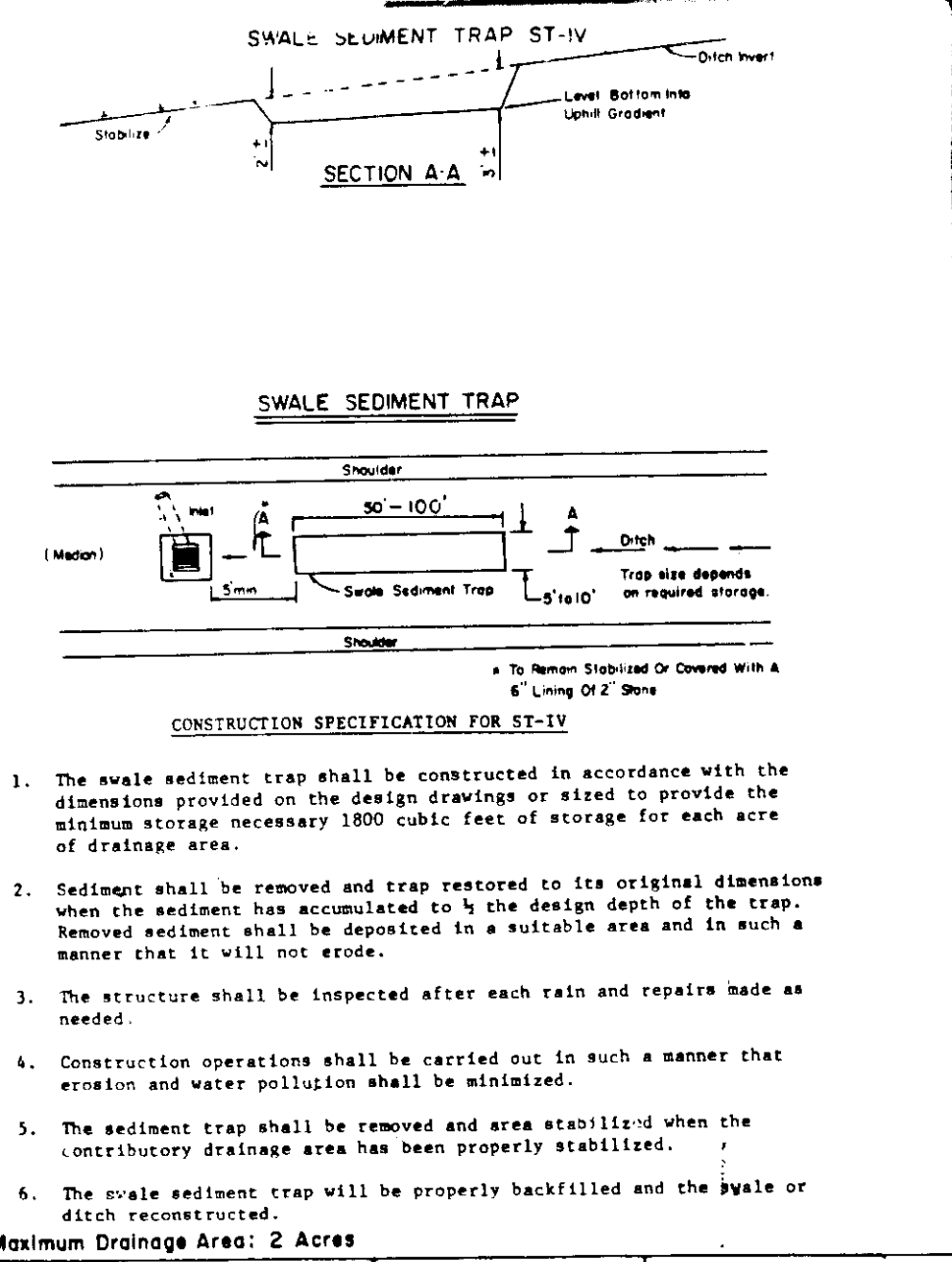


DEVELOPER  
NEWMISS LTD. PARTNERSHIP  
6615 Reisterstown Road  
Suite 201 Balt. Md. 21215  
301-358-4934

ENGINEERS • PLANNERS • SURVEYORS

SECTION 1  
ON SITE DRAINAGE AREA MAP





Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

**Seedbed 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) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Narrow 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 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use seed. Option (3) Seed with 60 lbs per acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**Mulching -** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

**Maintenance -** Inspect all seeded areas and make needed repairs, replacements and reseedings.

**TEMPORARY SEEDING NOTES**

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

**Seedbed Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

**Soil Amendments:** Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft)

**Seeding -** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 24 bushels per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 28 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

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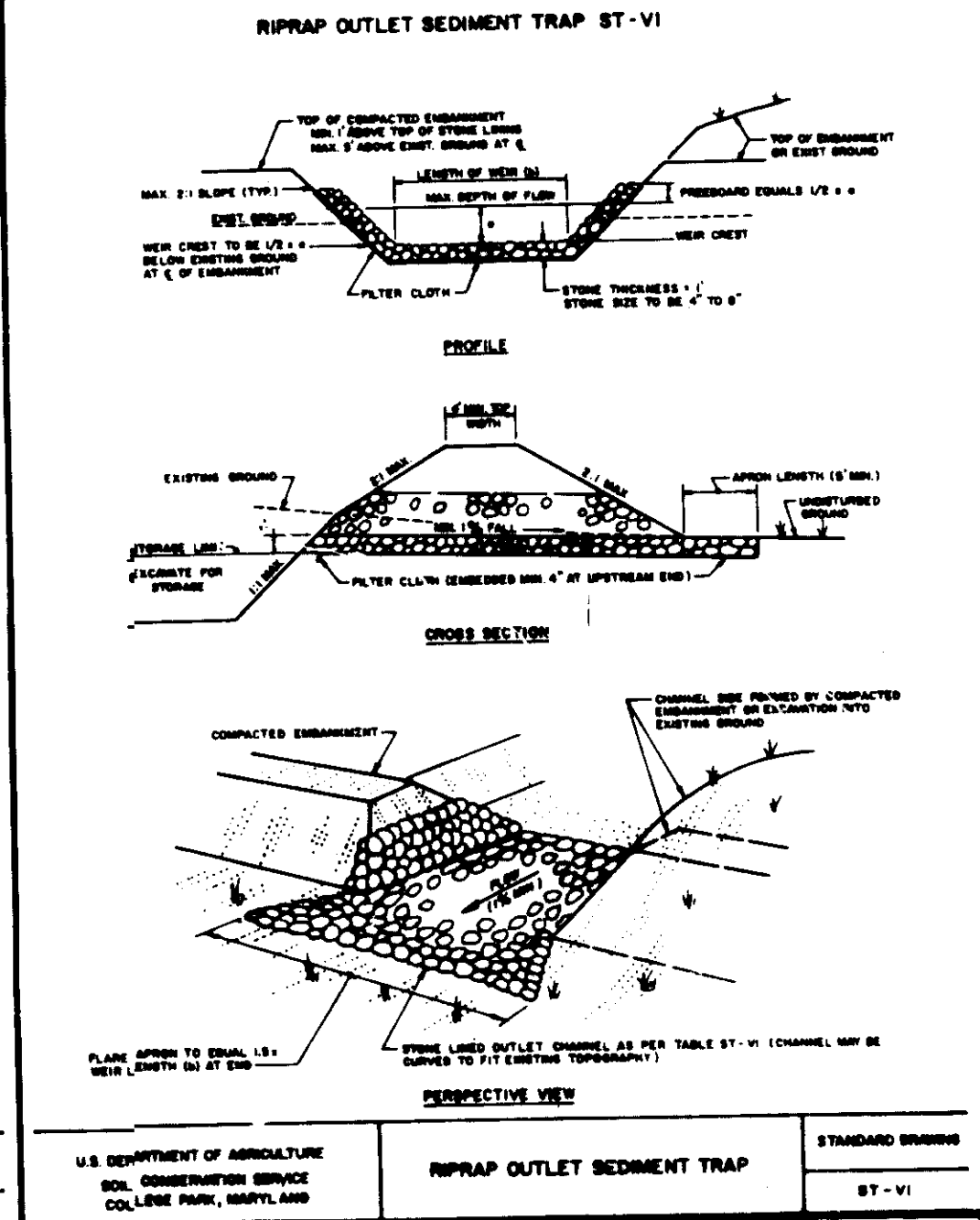
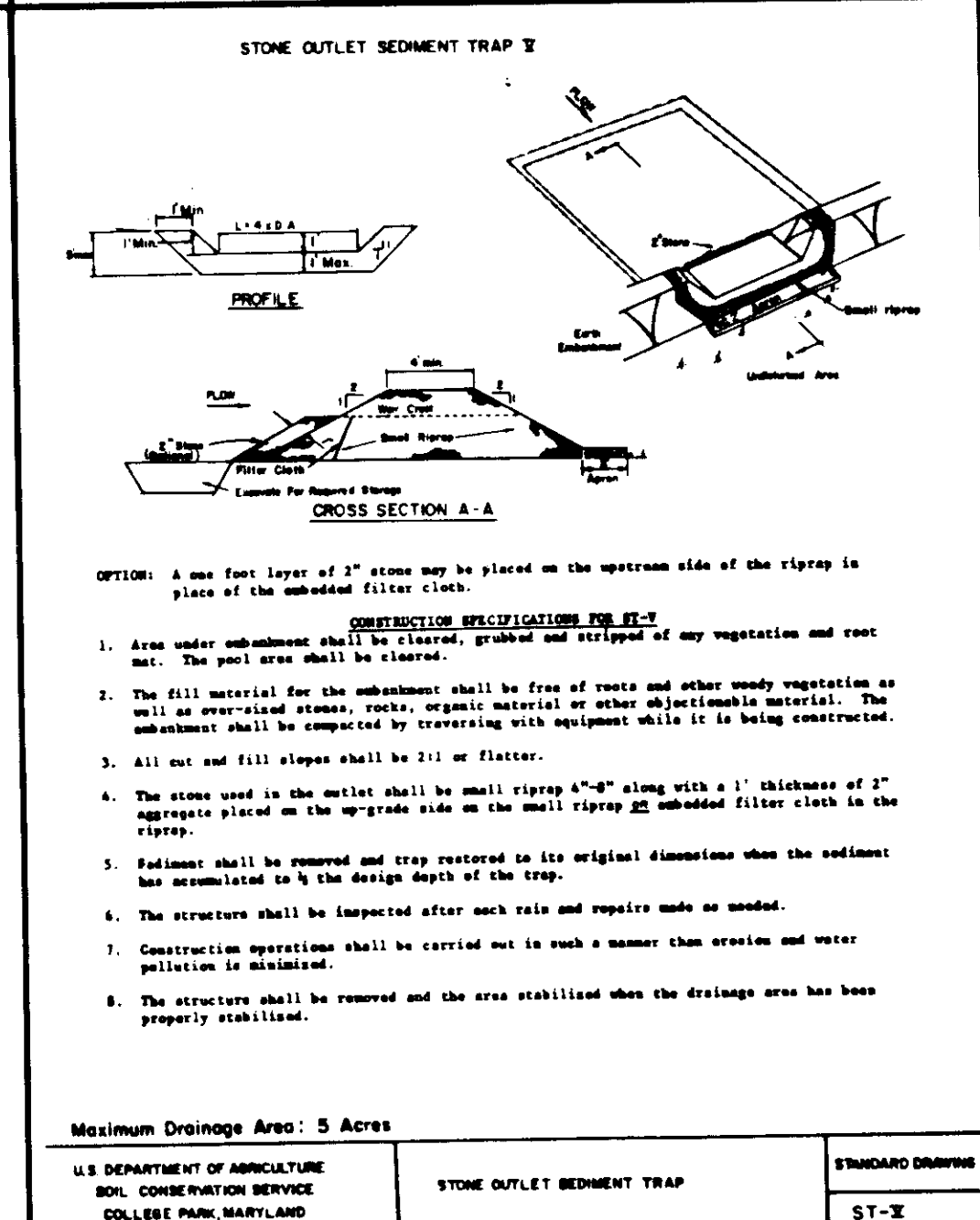
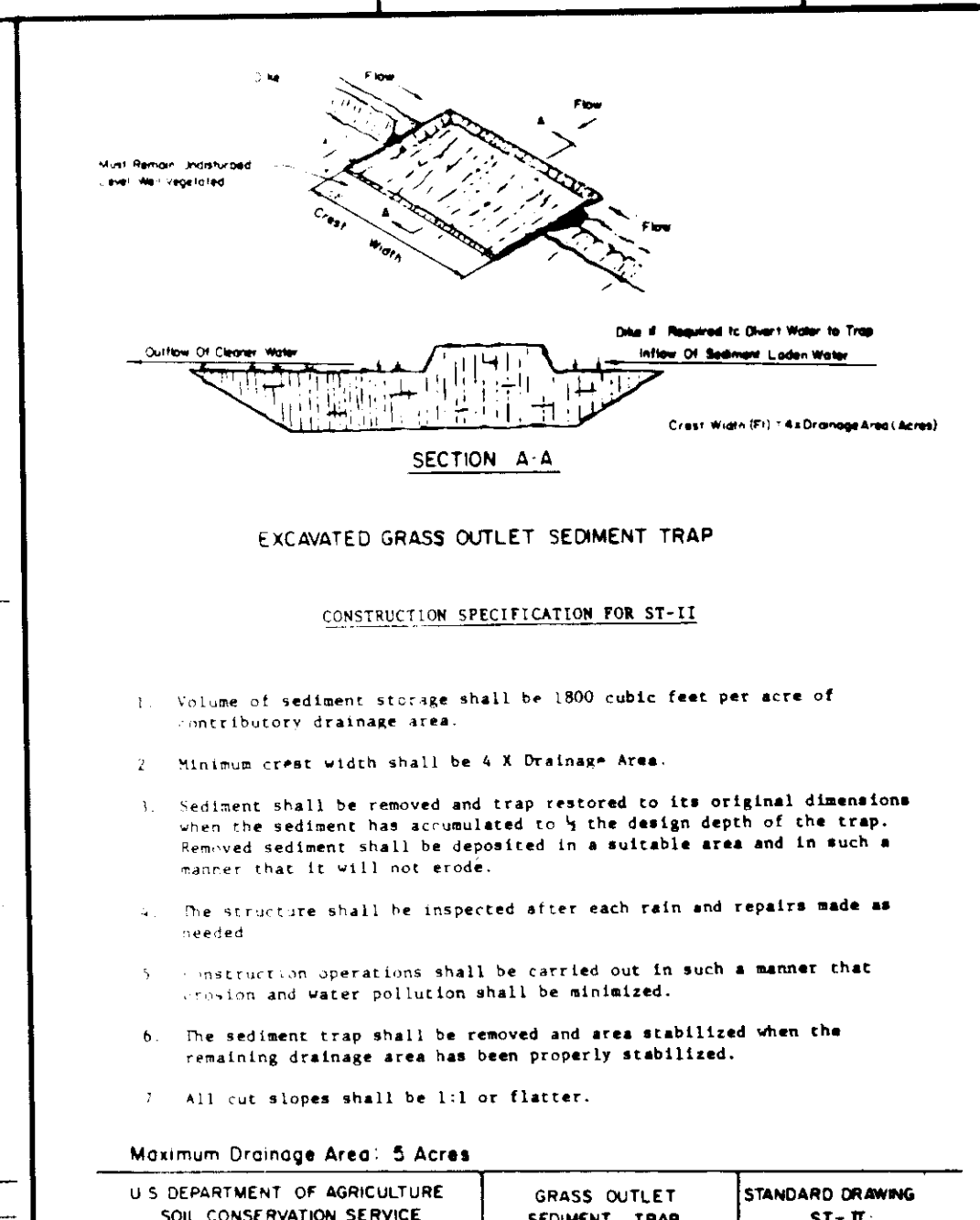
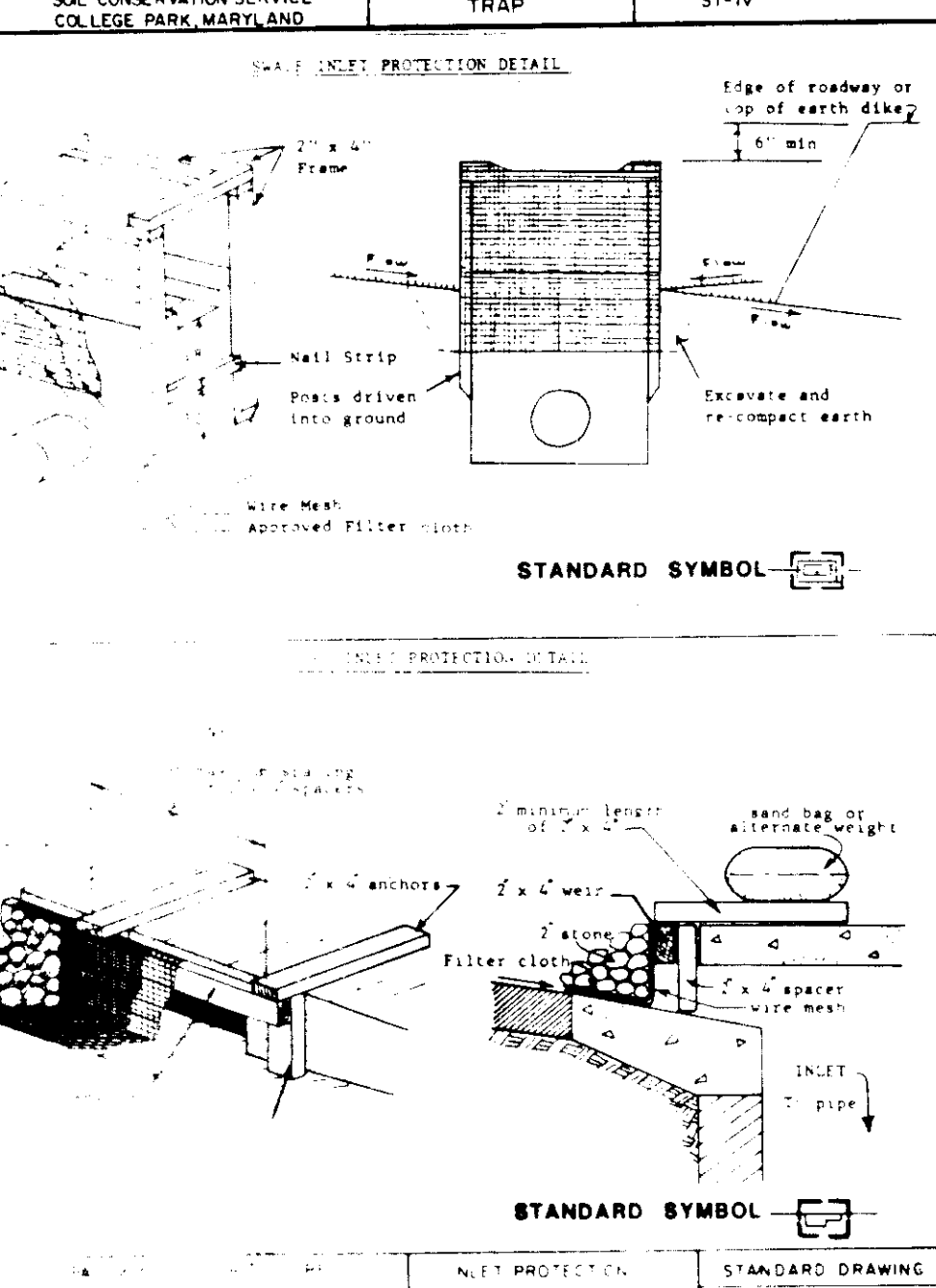
Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

**SEDIMENT CONTROL NOTES**

- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection 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 MARYLAND 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 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.
- 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 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and 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.
- 6) 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.
- 7) Site Analysis:
 

Contributing Drainage Area (Acres)	Depth of Channel (Feet)	Length of Weir (b) (Feet)
1	1.5	4.0
2	1.5	5.0
3	1.5	4.0
4	1.5	10.0
5	1.5	12.0
6	1.5	14.0
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15	2.0	18.0
- 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 DPM sediment control inspector.

On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.



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CONSTRUCTION SPECIFICATIONS

1. Structure shall be constructed of 2"x4" construction (minimum 1/4" construction).
2. Structure shall be a minimum thickness of 1/4" construction.
3. Structure shall be constructed of 6" post throat along entire length.
4. Attach to anchors in a secure manner which will insure a water tight fit against throat.
5. Backfill structure using sandbag or alternate weight. If sandbags are used, use approved filter cloth under plywood and sandbags.

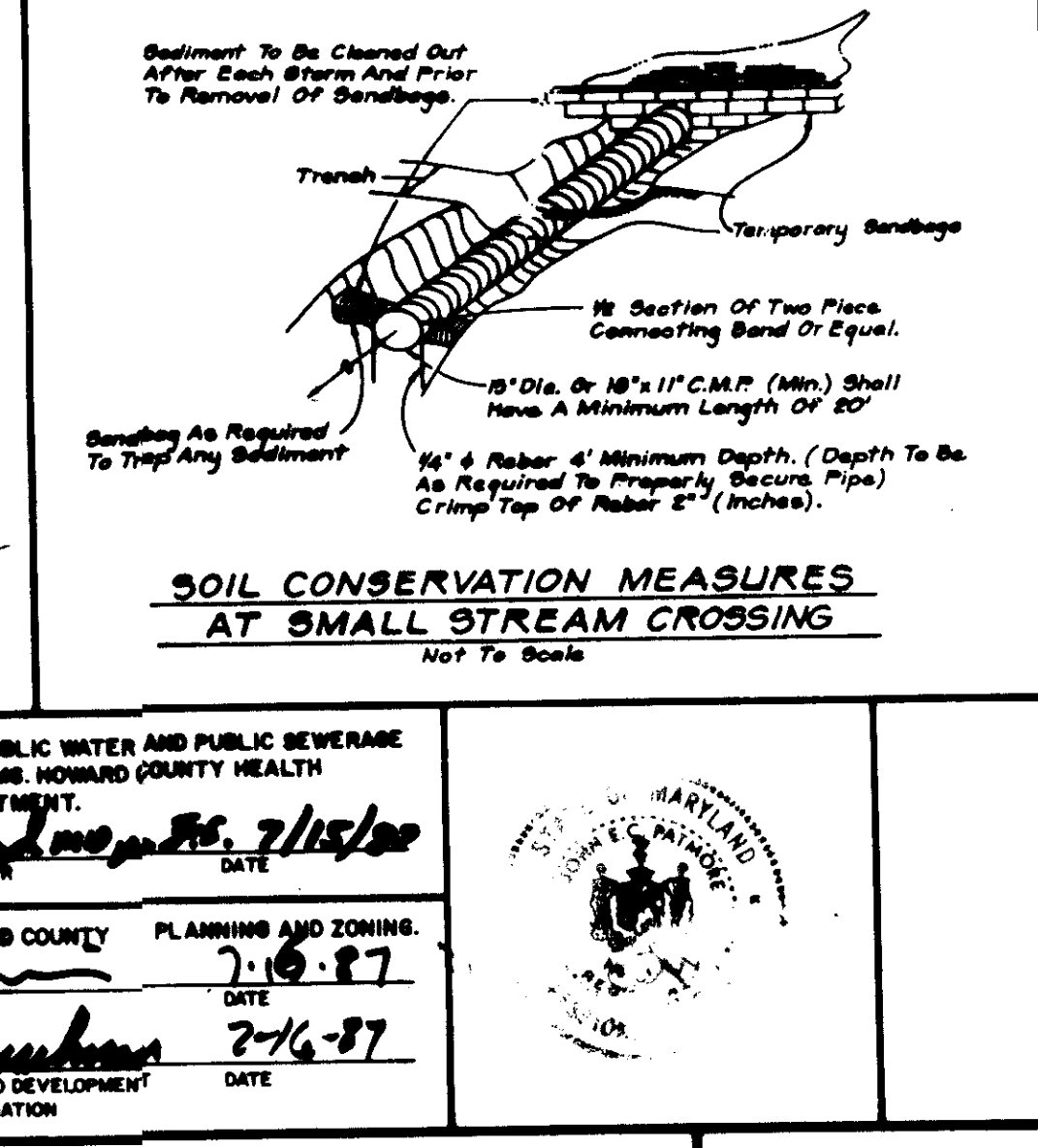
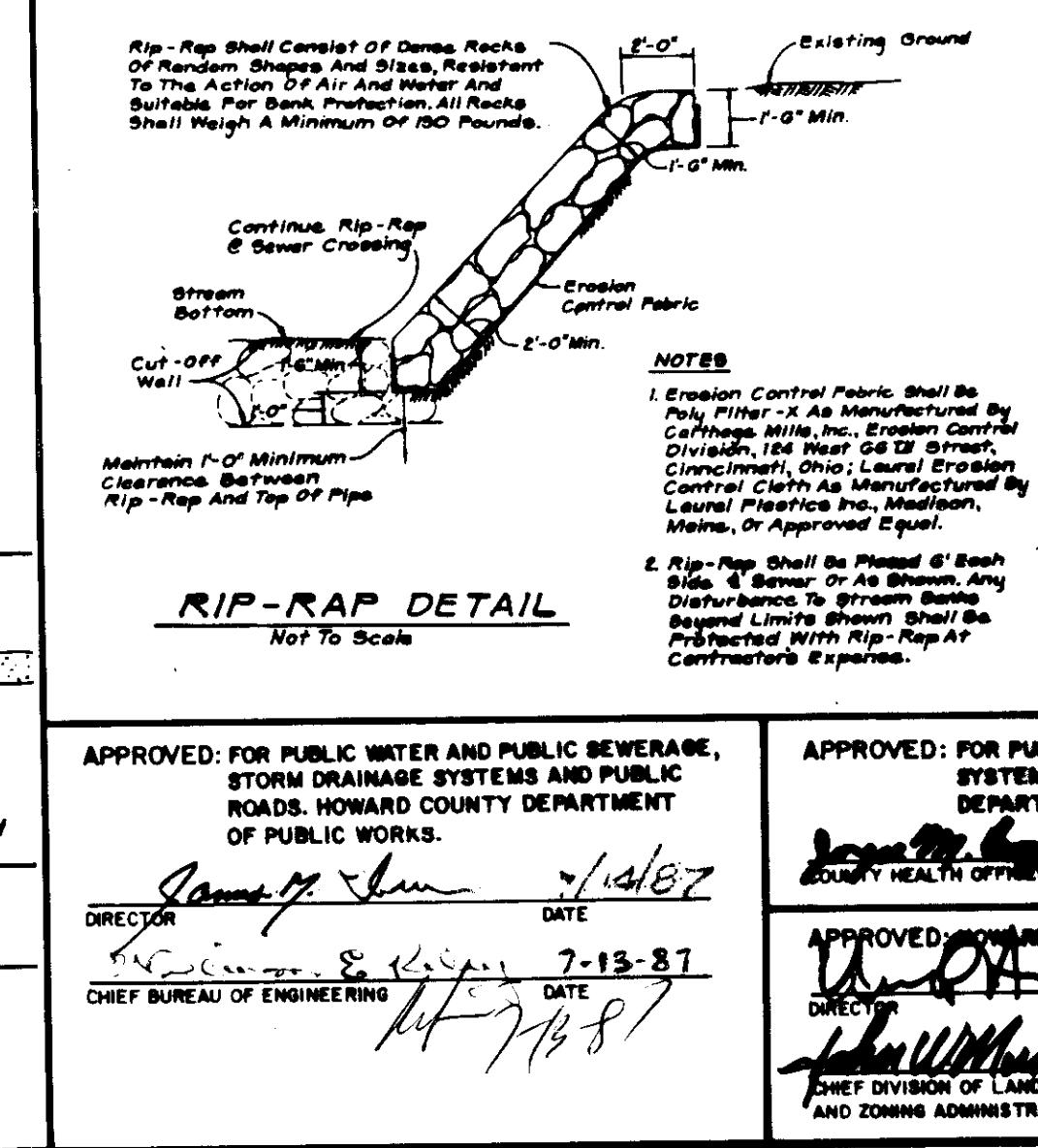
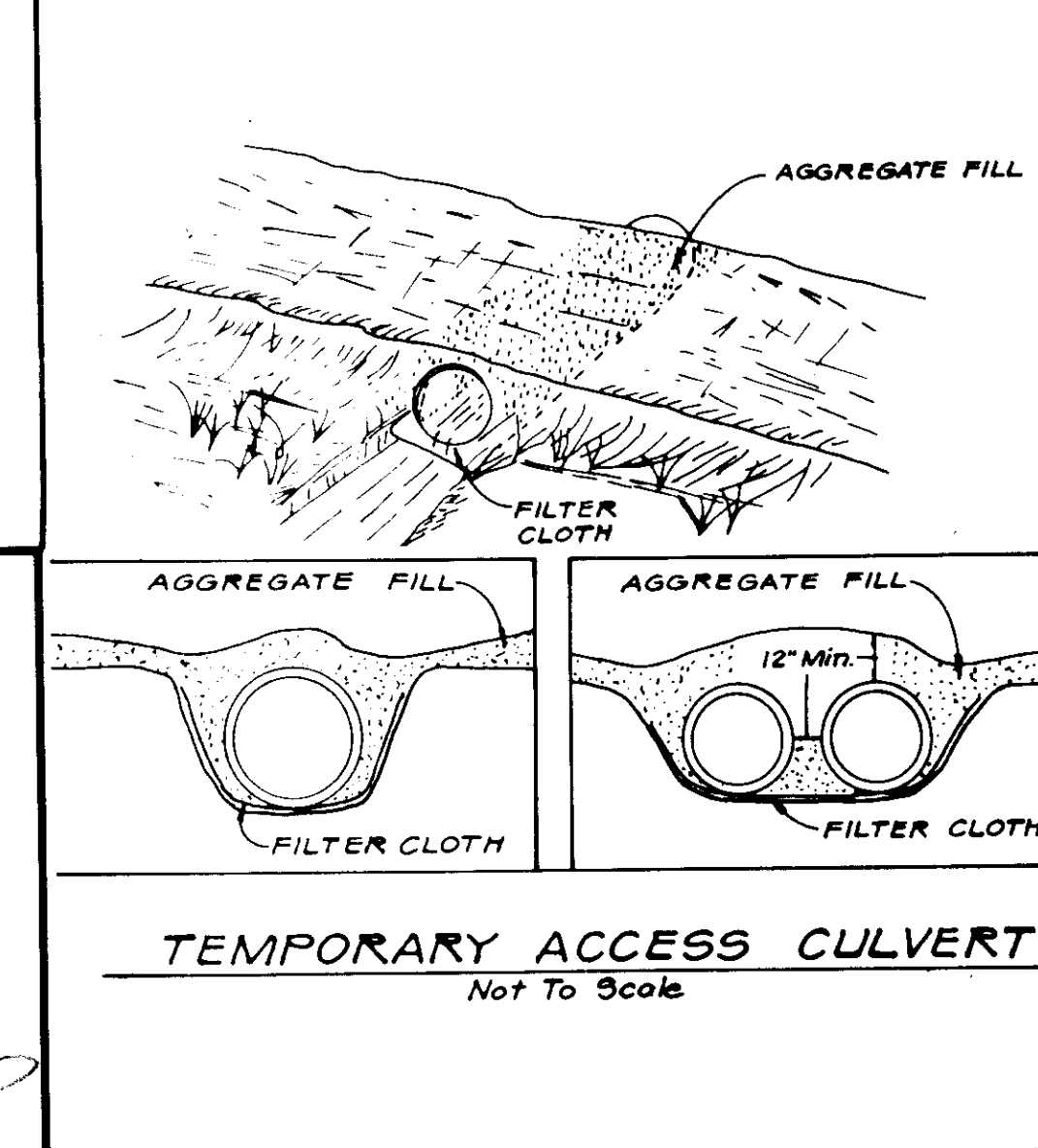
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

7-8-87

SOIL CONSERVATION SERVICE

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

12/18/87



Stable Outlet Sediment Trap

ST-VI (for Stone Lined Channel)

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SEDIMENT CONTROL DETAIL SHEET

APARTMENT COMPLEX PLAT NO. 7274 & 7275

VILLAGE OF MONTGOMERY RUN ROAD CONSTRUCTION PLANS SEC 1/A

TAX MAP 31&37 PARCEL 180 & 285

1st ELECTION DISTRICT HOWARD COUNTY MD.

Building	DATE	REVISIONS	SHEET	DATE	JOB NUMBER
Check			11	DEC, 1986	1624 136
Check			OF	SCALE	
Check			11	N.S.	

SDP-87-123

APPROVED

DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

HOWARD COUNTY, MARYLAND

4-20-87

OWNER'S / DEVELOPER'S CERTIFICATION

"I/We hereby certify that I have reviewed this erosion and sediment control plan and that all clearing, grading, construction and/or development will be done pursuant 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 Inspections by the H.C.D.

Signature: Lawrence A. Meeks Date: 12/29/87

Name: Lawrence A. Meeks Title: Vice President Phone No: 856-4934

Firm: Meeks Homes Complete Address: 6415 Bayshore Drive, Belts, Md. 21215

ENGINEER'S CERTIFICATE

"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: John E.C. Patmore Date: 12/29/86

JOHN E.C. PATMORE

Registered Professional Engineer # 8978

KIDDE CONSULTANTS, INC.

ENGINEERS • PLANNERS • SURVEYORS

1100 WEST STREET / SUITE 100 / LAUREL, MD 20707

(Wash.) (301) 963-1821 / 782-8086 (Bel.)

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

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