

VICINITY MAP
SCALE 1" = 2000'

GENERAL NOTES

- SUBJECT PROPERTY IS LOCATED ON TAX MAP 17 PARCEL 36
- DEED REFERENCE 664-45 FINAL PLAN REFERENCE F88-36
- PRESENT ZONING IS R-20 (RESIDENTIAL)-(SINGLE) 843,000 SF
- MIN. FRONT: 50' (LOTS OVER 20,000 #)
SETBACKS: SIDE: 30' (FROM PUBLIC R/W)
REAR: 30'
- TYPICAL HOUSE DIMENSIONS SCHEMATIC PROFILES, DETAILS AND SEDIMENT CONTROL NOTES & SPECIFICATIONS CAN BE FOUND ON SHEET 7 OF 7
- SITE ANALYSIS
A. TOTAL NUMBER OF LOTS: 72 C. OPEN SPACE LOTS: 3
B. TOTAL NUMBER OF UNITS: 69
- STREET TREE WILL BE PROVIDED UNDER F-88-36 BY THE DEVELOPER -
TOTAL AREA OF SITE 43.0 AC
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK @ 792-2630
- EXISTING TOPOGRAPHY PROVIDED BY POTOMAC AERIAL SURVEYS, JUNE 16, 1986
- ALL PROPOSED ROADS ARE DEDICATED TO PUBLIC USE.
- SEE APPROVED PLAN F-88-36 FOR EXISTING SEDIMENT & EROSION CONTROL.

LOT NO.	STREET ADDRESS
29	4603 SPARROW COURT
30	4607 "
31	4606 "
32	4602 "
33	4645 GUDDEL DRIVE
34	4650 "
35	4600 HAWK COURT
36	4604 "
37	4608 "
38	4613 "
39	4609 "
40	4605 "
41	4601 "

LOT NO.	SEWER HSE CONN. INV. @ PROP. LINE	LOT NO.	ELEV.
29	409.14	48	419.16
30	409.08	49	419.22
43	404.61	50	418.96
44	408.86	51	418.92
45	413.24	52	417.01
46	413.24	53	417.01
47	410.83	54	417.84

LANDSCAPE LEGEND:
TREES PROVIDED UNDER F-88-36 2 1/2" MIN. CALIPER MAPLES OR EQUAL PLANTED @ 40' O/C (BY THE OWNER, COSCAN WASHINGTON INC.)

3-18-88

OWNER:
COSCAN WASHINGTON INC.
8521 LEEBURG PIKE
SUITE 200
VIENNA, VIRGINIA 22180
PHONE: (703) 356-9090

DEVELOPER:
COSCAN WASHINGTON INC.
8521 LEEBURG PIKE
SUITE 200
VIENNA, VIRGINIA 22180
PHONE: (703) 356-9090

NO.	REVISION	BY	DATE
1	REVISION PER CLIENT REQUEST	MJM	12/10/87

ENGINEER'S CERTIFICATE
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER

DATE

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

SIGNATURE OF DEVELOPER

DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

DATE 4-5-88

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

APPROVED:

DATE 4/6/88

HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

DATE 4-26-88

PLANNING DIRECTOR

DATE 4/22/88

DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

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

DATE 4-15-88

HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

DATE 4-12-88

DIRECTOR, PUBLIC WORKS

DATE 4-16-88

CHIEF, BUREAU OF ENGINEERING

SUBDIVISION	SECTION/AREA	LOT NOS.
McKenzie Meadows	Section 2	29-97
PLAT NOS. 7664-7669	BLOCK NO. 9	TAX/ZONE ELEC. DIST. CENSUS TR. 2-201 17 End 6021
WATER CODE 24-1655-D.	SEWER CODE 24-1655-D.	

SITE DEVELOPMENT PLAN
McKENZIE MEADOWS
SECTION TWO
LOTS 29-97
2ND ELECTION DIST. HOWARD CO., MD.

JOHN E. HARMS JR. AND ASSOCIATES INC.
CONSULTING ENGINEERS - PLANNERS - SURVEYORS

8030 RED BRANCH ROAD COLUMBIA, MARYLAND 21045 TELEPHONE 13011 740-5200

DESIGNED BY: J.C.S.
DRAWN BY: R.C.T. & P.B.
CHECKED BY: P.J.
DATE: 3/24/87
SCALE: 1" = 30'
W.D. NO. 44-86-002D

1 SHEET OF 7



- LEGEND**
- STABILIZED CONSTRUCTION ENTRANCE
 - SCE TO HAVE MOUNTABLE BERM
 - LIMIT OF DISTURBANCE AND DRAINAGE AREA LIMIT
 - SILT FENCE
 - EXISTING EARTH DIKE
 - W.O.R. WALK-OUT REAR @ BASEMENT LEVEL
 - MIN S.S. MINIMUM SEWER SERVICE ELEVATION

SEDIMENT TRAP NO	?	5
TYPE OF TRAP	EX. 50	EX. 50
DRAINAGE ARRANG.	5/6/4C	4/6/4C
STORAGE REQUIRED (GAL)	242.0	322.0
STORAGE PROVIDED (GAL)	244.0	324.0
STORAGE ELEV. (FT)	572.0	572.0
STORAGE DEPTH (FT)	4.0	5.0
WEIR LENGTH (FT)	15.0	20.0
BOTTOM ELEV. (FT)	568.0	567.0
CLEAN-OUT ELEV. (FT)	570.0	569.0
CREST ELEV. (FT)	575.0	575.0
TOP OF DIKE ELEV.	574.0	574.0

LANDSCAPE LEGEND

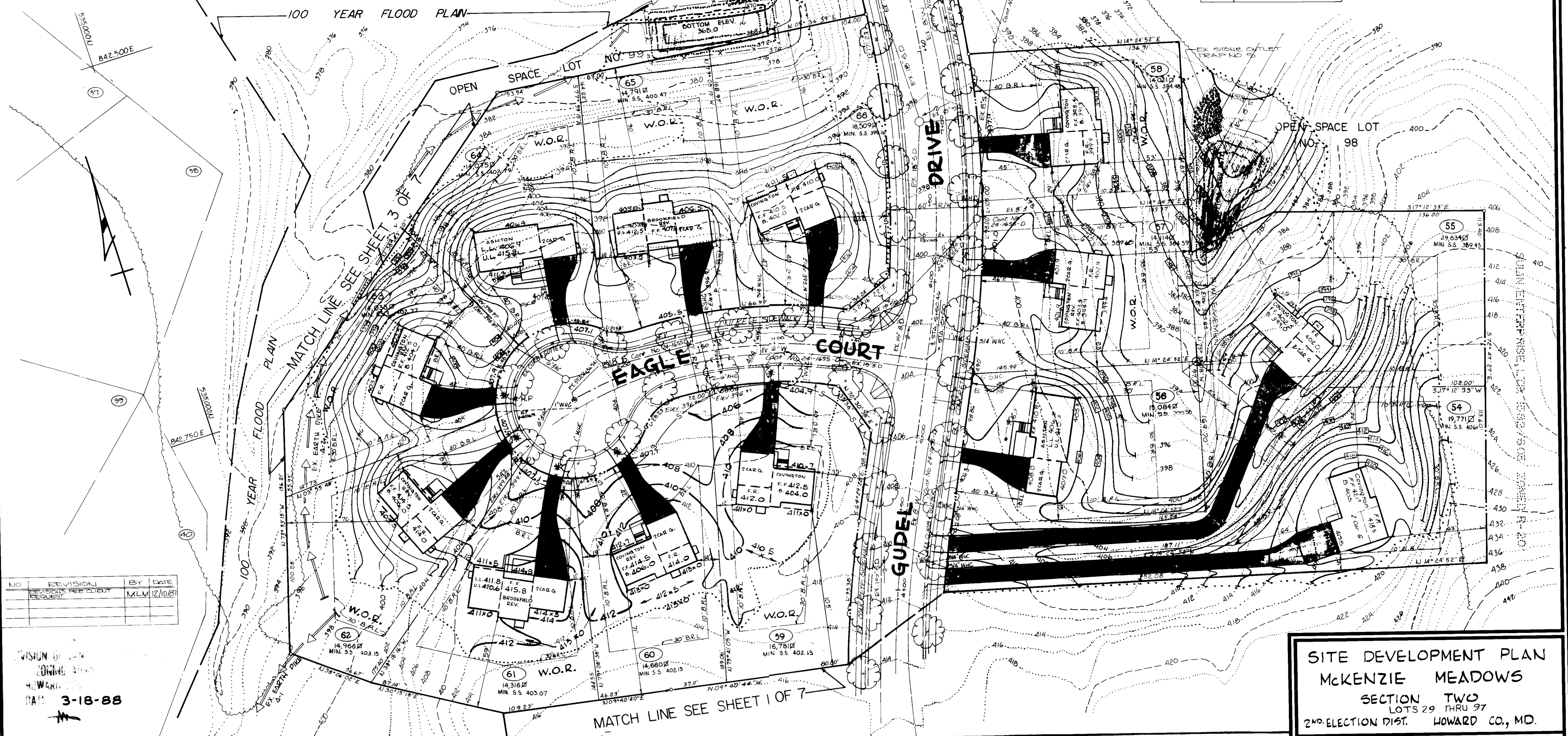
TREES PROVIDED UNDER 2 1/2" MIN. CALIPER MAPLES OR EQUAL PLANTED @ 40" O.C. (BY THE OWNER, COSCAN WASHINGTON INC.)

SEWER	HOC	CONN.	INV.	@	PROF	LINE
LOT NO.	ELEV.	LOT NO.	ELEV.			
54	402.02	61	399.07			
55	399.89	62	399.09			
56	387.94	63	397.71			
57	381.15	64	398.75			
58	361.36	65	396.47			
59	396.97	66	395.14			
60	396.97	67	389.97			

LOT NO.	STREET	ADDRESS
54	9688	CHIDEL DRIVE
55	9672	"
56	9676	"
57	9680	"
58	9684	"
59	9601	EAGLE COURT
60	9605	"
61	9609	"
62	9613	"
63	9612	"
64	9608	"
65	9604	"
66	9600	"

OWNER:
 COSCAN WASHINGTON INC.
 8521 LEESBURG PIKE
 SUITE 200
 VIENNA, VIRGINIA 22180
 PHONE (703) 356-9090

DEVELOPER:
 COSCAN WASHINGTON INC.
 8521 LEESBURG PIKE
 SUITE 200
 VIENNA, VIRGINIA 22180
 PHONE (703) 356-9090



NO.	REVISION	BY	DATE
1	REVISIONS REQUIRED	MLM	12/10/87

VISION OF PLAN
 ZONING
 3-18-88

SITE DEVELOPMENT PLAN
McKENZIE MEADOWS
 SECTION TWO
 LOTS 29 THRU 97
 2ND ELECTION DIST. HOWARD CO., MD.

JOHN E. HARMS JR. AND ASSOCIATES INC.
 CONSULTING ENGINEERS - PLANNERS - SURVEYORS
 9030 RED BRANCH ROAD SUITE 100
 COLUMBIA, MARYLAND 21045 TELEPHONE (301) 740-9200

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER: _____ DATE: _____

DEVELOPER'S CERTIFICATE

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

SIGNATURE OF DEVELOPER: *Marcus Montoya* DATE: *3/2/88*

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

David M. Dai 4-5-88 DATE
 U.S. SOIL CONSERVATION SERVICE

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

APPROVED: *Stephen T. Helms* 4/3/88 DATE
 DISTRICT HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

Urbain 4-25-88 DATE
 PLANNING DIRECTOR

James Smith 4/22/88 DATE
 DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

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

John 4-15-88 DATE
 HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

James B. Kelly 4-12-88 DATE
 CHIEF, BUREAU OF ENGINEERING

SUBDIVISION: McKenzie Meadows SECTION/AREA: Section 2 LOT NOS.: 29-97

PLAT NOS: 7664-7669 BLOCK NO: 9 TAX/ZONE: R-20 ELEC. DIST.: 2nd CENSUS TR.: 6021

WATER CODE: 24-1655-D SEWER CODE: 24-1655-D

DESIGNED BY: J.C.G.
 DRAWN BY: R.C.T. & F.B.
 CHECKED BY: P.J.
 DATE: _____
 SCALE: 1" = 30'
 W.O. NO. 44-86-0020

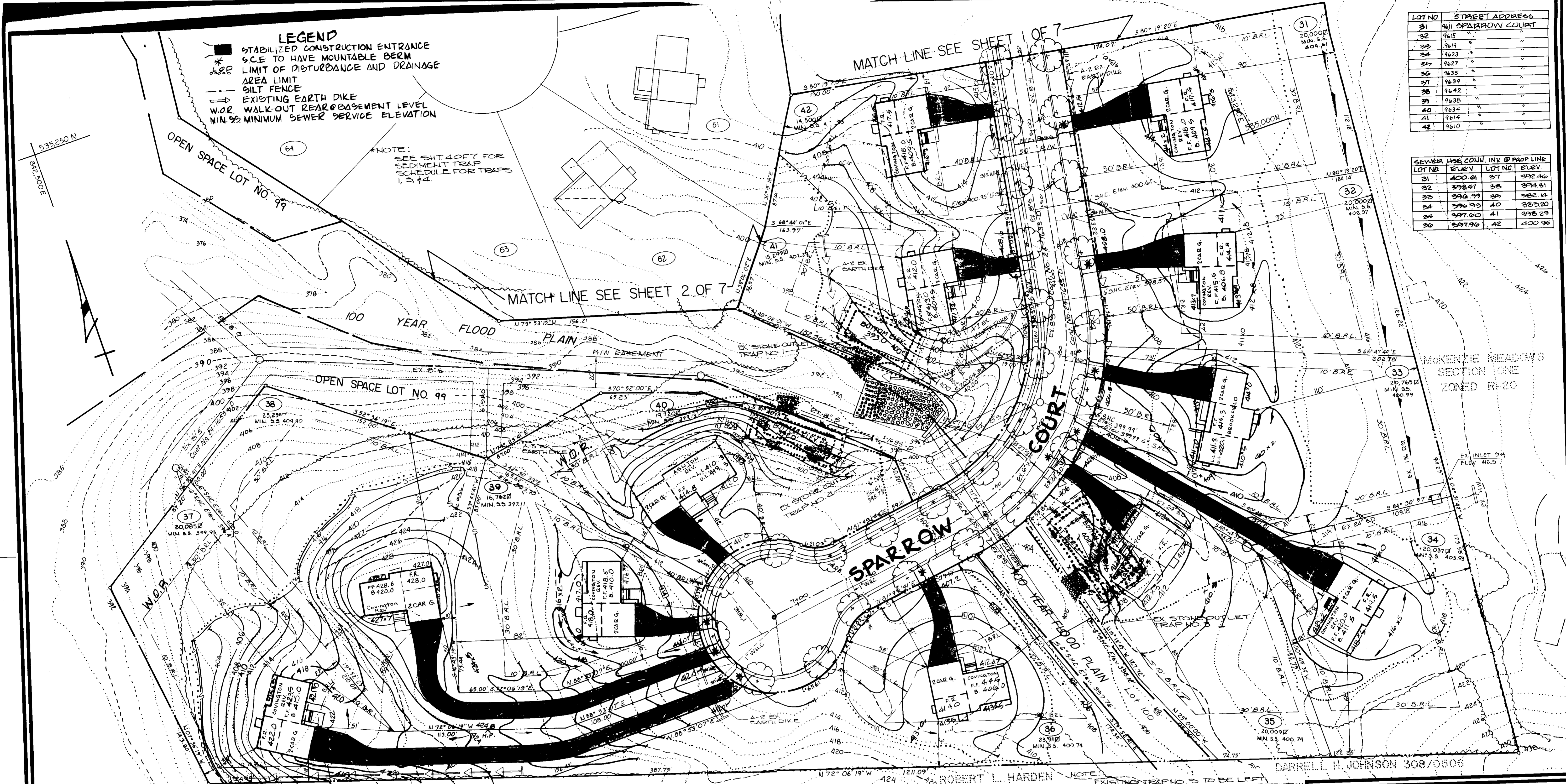
27
 SHEET OF

- LEGEND**
- STABILIZED CONSTRUCTION ENTRANCE
 - * S.C.E TO HAVE MOUNTABLE BERM
 - LIMIT OF DISTURBANCE AND DRAINAGE
 - AREA LIMIT
 - SILT FENCE
 - EXISTING EARTH DIKE
 - W.O.R WALK-OUT REAR BASEMENT LEVEL
 - MIN. 99 MINIMUM SEWER SERVICE ELEVATION

NOTE:
SEE SHT 4077 FOR
SEDIMENT TRAP
SCHEDULE FOR TRAPS
1, 3, & 4.

LOT NO.	STREET ADDRESS
31	461 SPARROW COURT
32	465 " "
33	469 " "
34	473 " "
35	477 " "
36	481 " "
37	485 " "
38	489 " "
39	493 " "
40	497 " "
41	501 " "
42	505 " "

SEWER USE COVN. INV. @ PROP. LINE	LOT NO.	ELEV.
31	400.61	372.40
32	398.67	374.31
33	396.99	376.14
34	396.99	378.20
35	397.60	379.29
36	397.96	400.96



LANDSCAPE LEGEND
 ○ TREES PROVIDED UNDER 2 1/2" MIN. CALIPER MAPLES OR EQUAL PLANTED @ 40' O.C. (BY THE OWNER COSCAN WASHINGTON INC.)

OWNER:
 COSCAN WASHINGTON INC.
 8921 LEESBURG PIKE
 SUITE 200
 VIENNA, VIRGINIA 22180
 PHONE: (703) 356-9090

DEVELOPER:
 COSCAN WASHINGTON INC.
 8921 LEESBURG PIKE
 SUITE 200
 VIENNA, VIRGINIA 22180
 PHONE: (703) 356-9090

N/C	ELEVATION	BY	DATE
REVISIONS PER CLIENT REQUEST		MLM	12/10/87

NOTE:
 EXISTING TRAP NO. 3 TO BE LEFT UNDISTURBED UNTIL HOUSE CONSTRUCTION AND GRADING FOR LOTS 33, 34, 35, 36, 37, 38, 39, 40, 41, 42 HAVE BEEN COMPLETED AND SURROUNDING EARTH GRADED AND STABILIZED.

SITE DEVELOPMENT PLAN
McKENZIE MEADOWS
 SECTION TWO
 LOTS 29, THRU 97
 2ND ELECTION DIST. HOWARD CO., MD.

JOHN E. HARMS JR. AND ASSOCIATES INC.
 CONSULTING ENGINEERS - PLANNERS - SURVEYORS
 9030 RED BRANCH ROAD
 COLUMBIA, MARYLAND 21045
 SUITE 100
 TELEPHONE (301) 740-5200

ENGINEER'S CERTIFICATE
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 SIGNATURE OF ENGINEER

 DATE

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 SIGNATURE OF DEVELOPER

 DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

 DATE 4-5-88

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

APPROVED:

 DATE 4/5/88

DISTRICT
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

 PLANNING DIRECTOR
 DATE 4/26/88

APPROVED: COMMUNITY PLANNING AND LAND DEVELOPMENT

 DATE 4/22/88

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

 HEALTH OFFICER
 DATE 4-15-88

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

 DIRECTOR, PUBLIC WORKS
 DATE 4/16/88

 CHIEF, BUREAU OF ENGINEERING
 DATE 4/16/88

SUBDIVISION	SECTION/AREA	LOT NOS.
McKenzie Meadows	Section 2	29-97
PLAT NOS.	BLOCK NO.	ZONE
7661-7882	9	R-20
TAX/ZONE	ELEC. DIST.	CENSUS TR.
17	2	6021
WATER CODE	SEWER CODE	
24-1655-D	24-1655-D	

DESIGNED BY: J.C.S.
 DRAWN BY: R.C.T. & F.P.
 CHECKED BY: P.J.
 DATE: _____
 SCALE: 1" = 30'
 W.O. NO. 44-86-0020

3 SHEET **7**
 OF

SDP-88-48

LEGEND

- STABILIZED CONSTRUCTION ENTRANCE
- S.C.E. TO HAVE MOUNTABLE BERM
- LIMIT OF DISTURBANCE AND DRAINAGE AREA LIMIT
- SILT FENCE
- EXISTING EARTH DIKE
- W.O.R. WALK-OUT REAR @ BASEMENT LEVEL
- MIN. 9.2 MINIMUM SEWER SERVICE ELEVATION

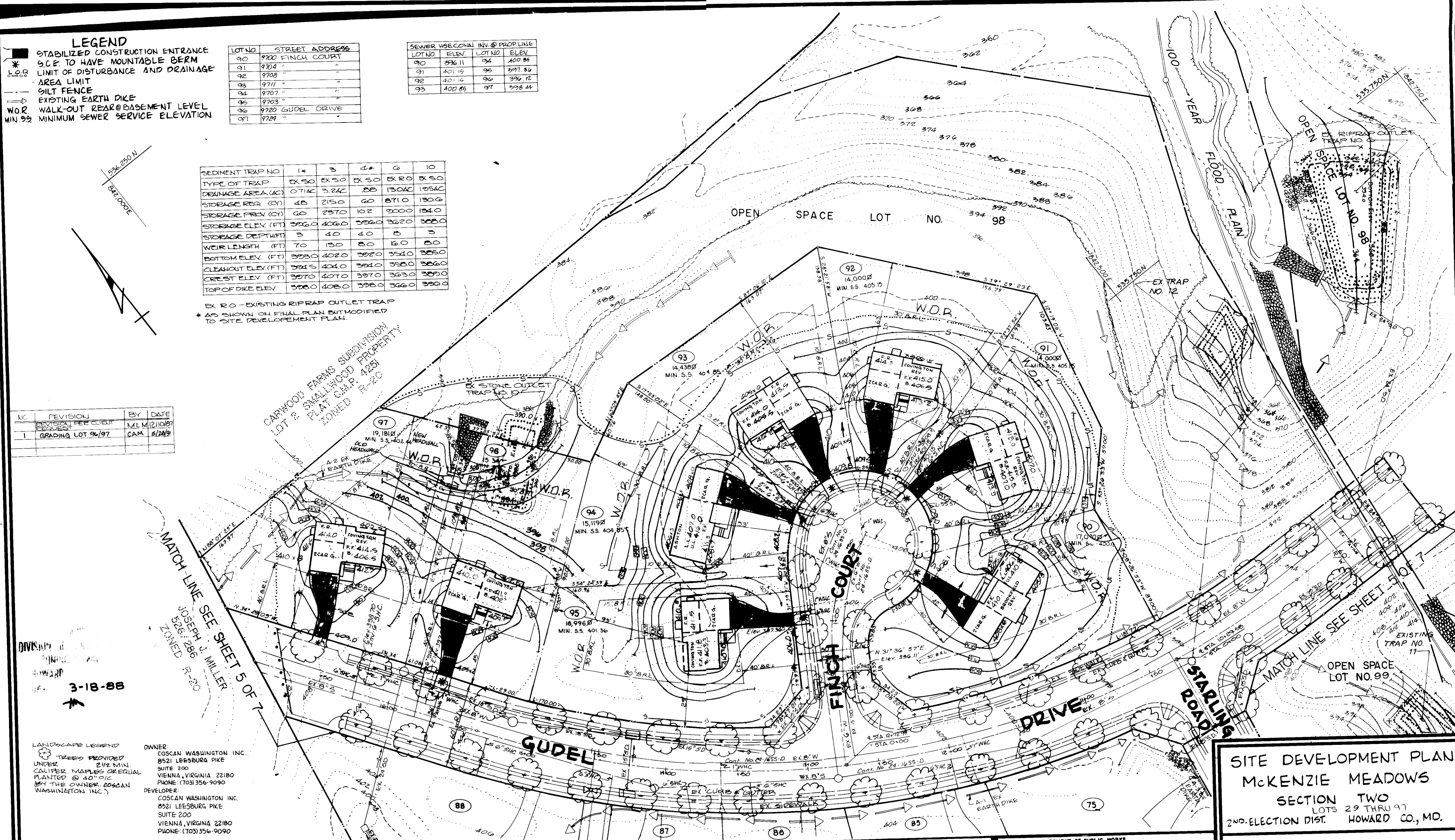
LOT NO.	STREET ADDRESS
90	9700 FINCH COURT
91	9704 " "
92	9708 " "
93	9711 " "
94	9707 " "
95	9703 " "
96	9720 GUIDEL DRIVE
97	9724 " "

SEWER USE CONN. INV. @ PROP. LINE	LOT NO.	ELEV.	LOT NO.	ELEV.
	90	396.11	94	400.89
	91	401.15	96	397.86
	92	401.16	96	397.12
	93	400.85	97	398.44

SEDIMENT TRAP NO.	1*	3	4*	6	10
TYPE OF TRAP	EX SO	EX SO	EX SO	EX RO	EX SO
DRAINAGE AREA (AC)	0.71AC	3.24C	0.8	13.04C	19.54C
STORAGE REAR (CY)	40	2150	60	8710	1306
STORAGE FRV (CY)	60	2370	102	30000	1340
STORAGE ELEV. (FT)	392.0	406.0	392.0	362.0	365.0
STORAGE DEPTH (FT)	3	4.0	4.0	3	3
WEIR LENGTH (FT)	70	130	80	160	50
BOTTOM ELEV. (FT)	392.0	402.0	392.0	354.0	365.0
CLEAROUT ELEV. (FT)	392.5	404.0	394.0	355.0	366.0
CREST ELEV. (FT)	397.0	407.0	397.0	363.0	369.0
TOP OF DIKE ELEV.	398.0	408.0	398.0	366.0	370.0

EX RO - EXISTING RIPRAP OUTLET TRAP
* AS SHOWN ON FINAL PLAN BUT MODIFIED TO SITE DEVELOPMENT PLAN.

NO.	REVISION	BY	DATE
1	GRADING LOT 94/97	MLM	5/28/97



LANDSCAPE LEGEND
TREES PROVIDED UNDER 2 1/2" MIN. CALIPER MAPLES OR EQUAL PLANTED @ 40' O.C. BY THE OWNER. COSCAN WASHINGTON INC.

OWNER:
COSCAN WASHINGTON INC.
8521 LEEBURG PIKE
SUITE 200
VIENNA, VIRGINIA 22180
PHONE: (703) 356-9090

DEVELOPER:
COSCAN WASHINGTON INC.
8521 LEEBURG PIKE
SUITE 200
VIENNA, VIRGINIA 22180
PHONE: (703) 356-9090

ENGINEER'S CERTIFICATE
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

DATE: 3/30/98
SIGNATURE OF ENGINEER: [Signature]

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

DATE: 4/5/98
SIGNATURE OF DEVELOPER: [Signature]

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
DATE: 4-5-98
[Signature]

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: [Signature]
DATE: 4/5/98
DISTRICT: HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING
DATE: 4-26-98
[Signature]

APPROVED: DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
DATE: 4/22/98
[Signature]

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS
DATE: 4-15-98
[Signature]

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
DATE: 4-12-98
[Signature]

CHIEF, BUREAU OF ENGINEERING

SUBDIVISION: McKenzie Meadows
SECTION/AREA: Section 2
LOT NOS.: 29-97
PLAT NOS.: 7861-7869
BLOCK NO.: 9
ZONE: R20
ELEC. DIST.: 2nd
CENSUS TR.: 6021
WATER CODE: 24-1655-D
SEWER CODE: 24-1655-D

SITE DEVELOPMENT PLAN
McKENZIE MEADOWS
SECTION TWO
LOTS 29 THRU 97
2ND-ELECTION DIST. HOWARD CO., MD.

JOHN E. HARMS JR. AND ASSOCIATES INC.
CONSULTING ENGINEERS - PLANNERS - SURVEYORS
9030 RED BRANCH ROAD
COLUMBIA, MARYLAND 21045
SUITE 100
TELEPHONE (301) 740-5200

DESIGNED BY: J.C.S.
DRAWN BY: R.C.T. & F.B.
CHECKED BY: P.J.
DATE: 1"=50'
W.O. NO. 446002D

4 SHEET OF 7

OWNER:
 COSCAN WASHINGTON INC.
 8521 LEESBURG PIKE
 SUITE 200
 VIENNA, VIRGINIA 22180
 PHONE: (703) 356-9090
 DEVELOPER:
 COSCAN WASHINGTON INC.
 8521 LEESBURG PIKE
 SUITE 200
 VIENNA, VIRGINIA 22180
 PHONE: (703) 356-9090

NOTE:
 EXISTING TRAP#8 TO BE LEFT UNDISTURBED
 DELAY HOUSE CONSTRUCTION AND GRADING
 FOR LOTS 75 UNTIL LOTS 76-78 83-86
 HAVE BEEN CONSTRUCTED AND SURROUNDING
 EARTH GRADED AND STABILIZED

PROP INLET
 PROTECTION
 SEE DETAIL SHT 707

NOTE:
 EXISTING TRAPS NO. 8, 9, 11
 TO BE LEFT UNDISTURBED
 DELAY HOUSE CONSTRUCTION
 AND GRADING FOR LOTS
 88, 75, 167 UNTIL LOTS 84,
 87, 89 (TRAP NO. 8) LOTS 78,
 76, 85, 81-84 (TRAP NO. 9)
 AND LOTS 70-68 HAVE BEEN
 CONSTRUCTED AND SURROUNDING
 EARTH GRADING AND
 STABILIZED.

LANDSCAPE LEGEND:
 TREES PROVIDED
 UNDER F&S 2 1/2 MIN.
 CALIBER MAPLES OR
 EQUAL PLANTED @ 4500
 (BY THE OWNER, COSCAN
 WASHINGTON INC.)

LEGEND
 STABILIZED CONSTRUCTION ENTRANCE
 90% TO HAVE MOUNTABLE BERM
 LIMIT OF DISTURBANCE AND DRAINAGE
 AREA LIMIT
 SILT FENCE
 EXISTING EARTH PIKE
 WALK-OUT REAR BASEMENT LEVEL
 MIN. 95
 MINIMUM SEWER SERVICE ELEVATION

LOT NO.	STREET ADDRESS
67	9705 STARLING ROAD
68	9709 "
69	9713 "
70	9717 "
75	9702 "
76	9706 "
77	9710 "
81	9703 ORIOLE COURT
82	9707 "
83	9708 "
84	9704 "
85	9705 GUEL DRIVE
86	9709 "
87	9713 "
88	9717 "
89	9721 "

SEWER	HSE	CON.	INV.	PROF.	LINE
67	399.97	82	423.51		
68	393.49	83	423.46		
69	396.92	84	420.73		
70	401.58	85	391.69		
75	388.89	86	392.81		
76	394.66	87	392.94		
77	403.87	88	393.66		
81	423.63	89	396.08		

SEWAGE TRAP NO.	D	S
TYPE OF TRAP	EX. 5.0	EX. 5.0
DRAINAGE AREA (AC)	2.64	1.04
STORAGE REQ. (CY)	174.0	127.0
STORAGE PROV. (CY)	173.0	134.0
STORAGE ELEV. (FT)	308.0	308.0
STORAGE DEPTH (FT)	4	4
WEIR LENGTH (FT)	11.0	8.0
BOTTOM ELEV. (FT)	304.0	304.0
CLEANOUT ELEV. (FT)	306.0	306.0
CREST ELEV. (FT)	309.0	309.0
TOP OF PIKE ELEV.	400.0	400.0

NO.	REVISION	BY	DATE
1	REVISED PER CLIENT REQUEST	M.L.M.	12/10/87
2	LOT REVISIONS TO LOTS 77, 76, 84, 85, 184	P.F.A.	5/29/91

ENGINEER'S CERTIFICATE
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

 SIGNATURE OF ENGINEER

 DATE

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

 SIGNATURE OF DEVELOPER

 DATE

RENEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
 HOWARD SOIL CONSERVATION SERVICE
 DATE 4-5-88

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

APPROVED:

 DATE 4/5/88

HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

 DATE 4-26-88

PLANNING DIRECTOR

APPROVED: DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

 DATE 4/23/88

HEALTH OFFICER

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

 DATE 4-22-88

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

 DATE 4/12/88

DIRECTOR, PUBLIC WORKS

CHIEF, BUREAU OF ENGINEERING

SUBDIVISION: McKENZIE Meadows
 SECTION/AREA: Section 2
 LOT NOS.: 29-97

PLAT NOS.: 7664-7669
 BLOCK NO.: 7
 ZONE: R-200
 TAX/ZONE: 17
 ELEC. DIST.: 2nd
 CENSUS TR.: 6021

WATER CODE: 24-1655-D
 SEWER CODE: 24-1655-D

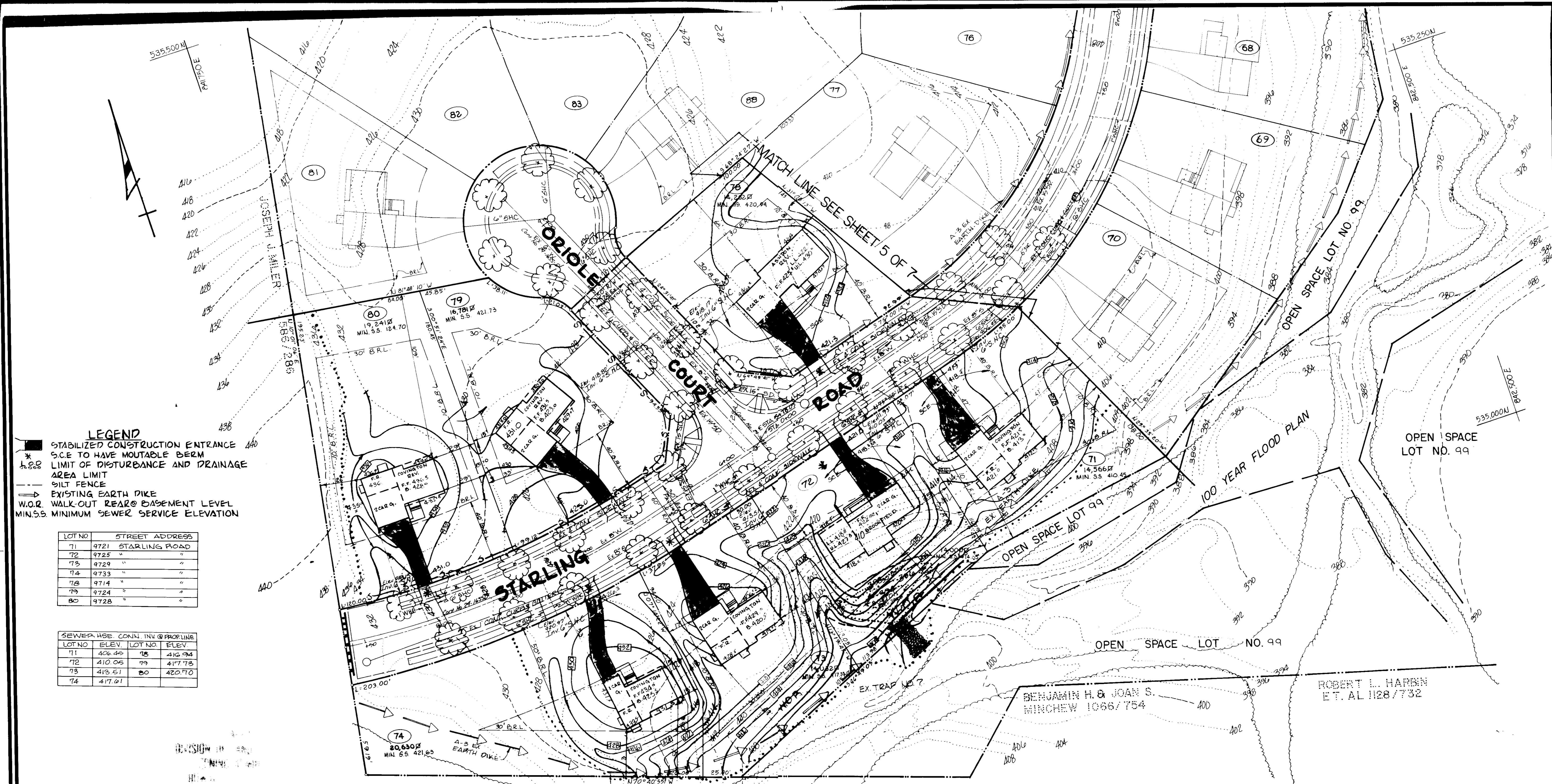
SITE DEVELOPMENT PLAN
McKENZIE MEADOWS
 SECTION TWO
 LOTS 29 THRU 97
 2ND-ELECTION DIST. HOWARD CO., MD.

JOHN E. HARMS JR. AND ASSOCIATES INC.
 CONSULTING ENGINEERS - PLANNERS - SURVEYORS

9030 RED BRANCH ROAD
 COLUMBIA, MARYLAND 21045

DESIGNED BY: JCS
 DRAWN BY: BSL/BB
 CHECKED BY: PJ
 DATE: _____
 SCALE: 1"=30'
 W.O. NO.: 446000

57 SHEET OF



LEGEND

- STABILIZED CONSTRUCTION ENTRANCE
- S.C.E. TO HAVE MOUNTABLE BERM
- LIMIT OF DISTURBANCE AND DRAINAGE AREA LIMIT
- SILT FENCE
- EXISTING EARTH DIKE
- W.O.R. WALK-OUT REAR @ BASEMENT LEVEL
- MIN. S.S. MINIMUM SEWER SERVICE ELEVATION

LOT NO.	STREET ADDRESS
71	9721 STARLING ROAD
72	9725 " "
73	9729 " "
74	9733 " "
78	9714 " "
79	9724 " "
80	9728 " "

LOT NO.	HOB. ELEV.	CONN. INV. @ PROLINE	LOT NO.	ELEV.
71	406.45	75	416.94	
72	410.05	79	417.73	
73	413.51	80	420.70	
74	417.61			

LANDSCAPE LEGEND:

- TREES PROVIDED UNDER PDB-362 1/2 MIN CALIBER MAPLES OR EQUAL PLANTED @ 40' O/C (BY THE OWNER COSCAN WASHINGTON INC.)

NO.	REVISION	BY	DATE
1	DESIGN REVISION	M.C.M.	12/10/87

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

DATE: 3-18-88

SIGNATURE OF ENGINEER: _____

DEVELOPER'S CERTIFICATE

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

DATE: 3-30-88

SIGNATURE OF DEVELOPER: _____

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

DATE: 4-5-88

DATE: 4/5/88

DATE: 4/5/88

DATE: 4/5/88

APPROVED: OFFICE OF PLANNING AND ZONING

DATE: 4-26-88

DATE: 4/22/88

DATE: 4-15-88

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

DATE: 4/16/88

DATE: 4-16-88

DATE: 4-16-88

SITE DEVELOPMENT PLAN

McKENZIE MEADOWS

SECTION TWO

LOTS 29 THRU 97

2ND ELECTION DIST. HOWARD CO., MD.

JOHN E. HARMS JR. AND ASSOCIATES INC.

CONSULTING ENGINEERS - PLANNERS - SURVEYORS

9030 RED BRANCH ROAD SUITE 100 COLUMBIA, MARYLAND 21045 TELEPHONE (301) 740-5200

DESIGNED BY: J.C.S.

DRAWN BY: P.J.

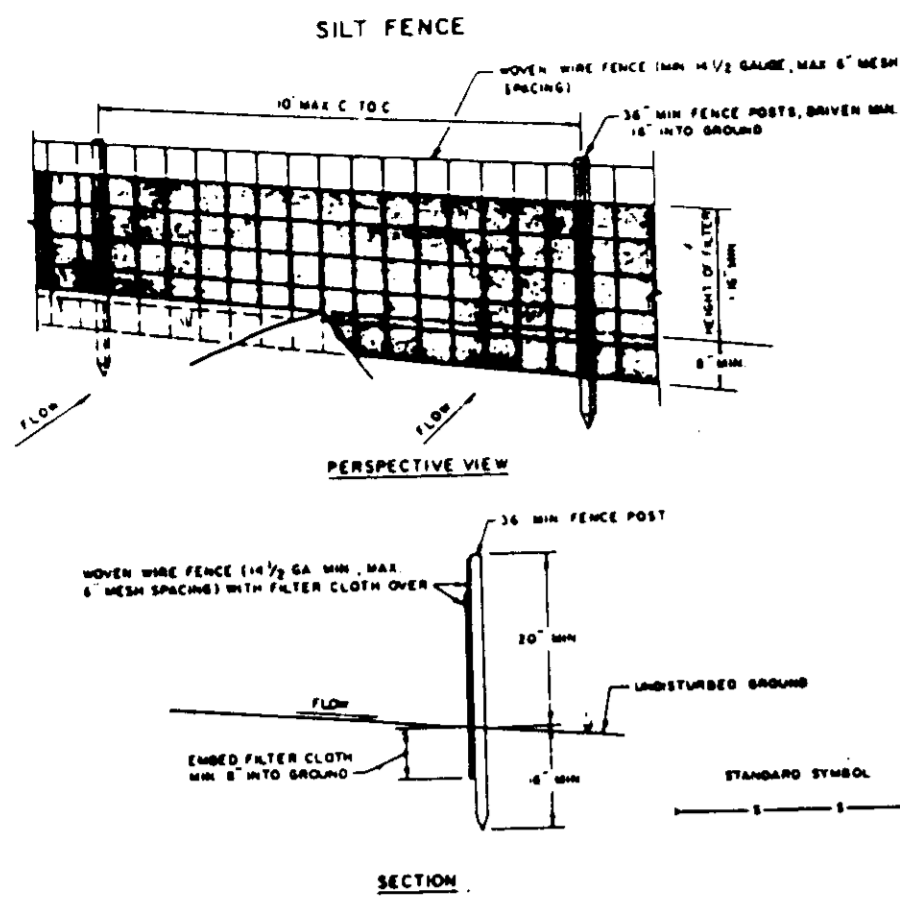
CHECKED BY: P.J.

DATE: _____

SCALE: 1" = 30'

W.O. NO. 44-88-0020

6 SHEET OF 7

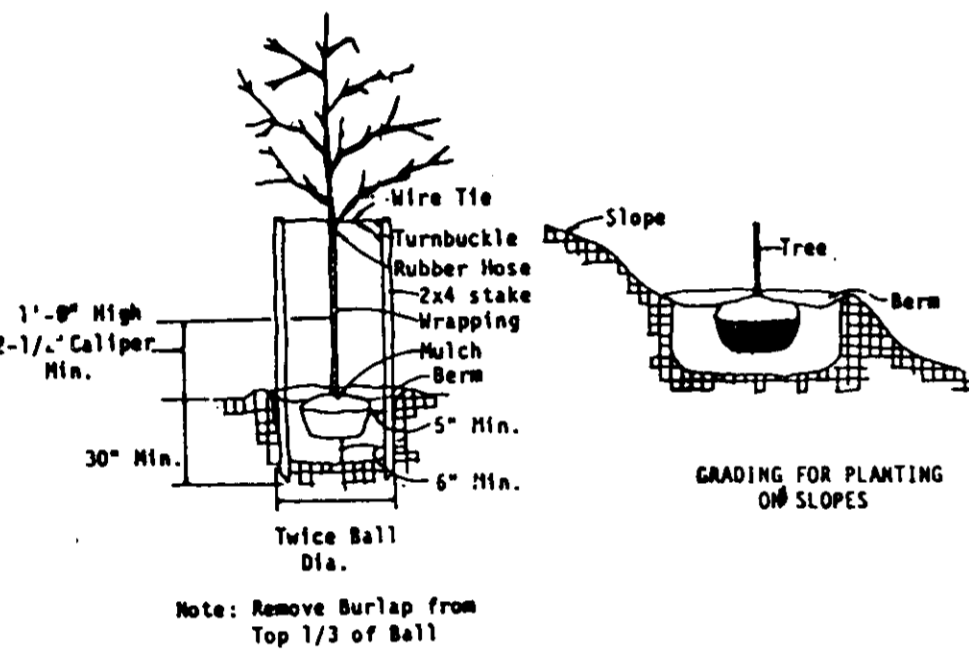


CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

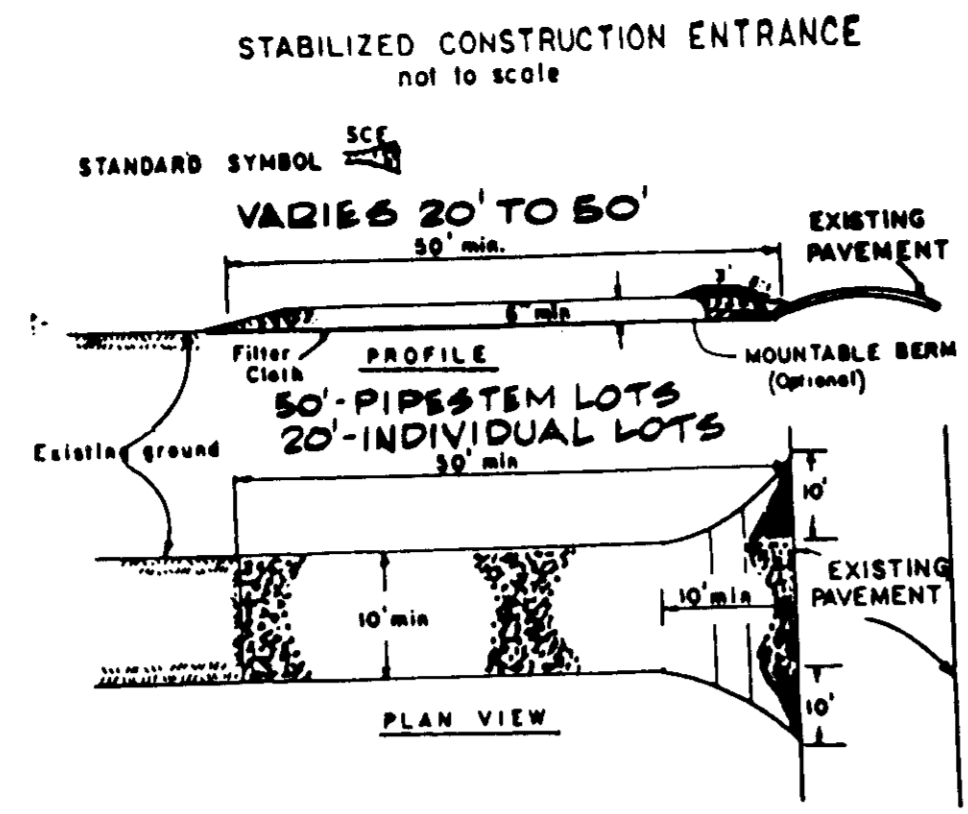
1. MONY WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO MONY WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH MEET EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND POLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NECESSARY. MATERIAL SHOULD BE REPLACED IMMEDIATELY IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD
 FENCE: MONY WIRE 18" GA. 6" P.V.C. FLEX OPENING
 FILTER CLOTH: FILTER X PLAIN TYPIC OR APPROVED EQUAL
 FABRICATED UNIT: GEOPAR (UNIFORM), OR APPROVED EQUAL

SILT FENCE
NOT TO SCALE



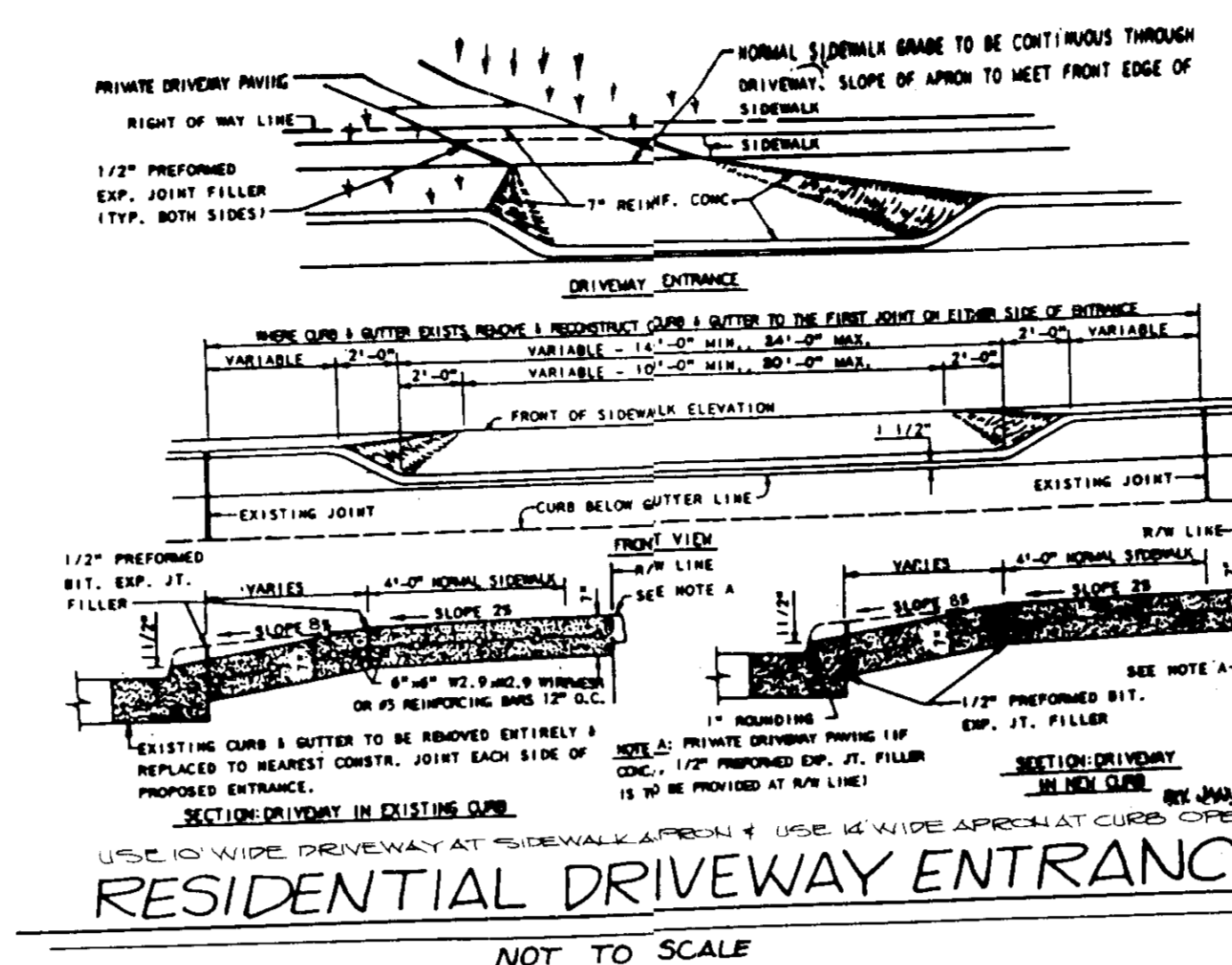
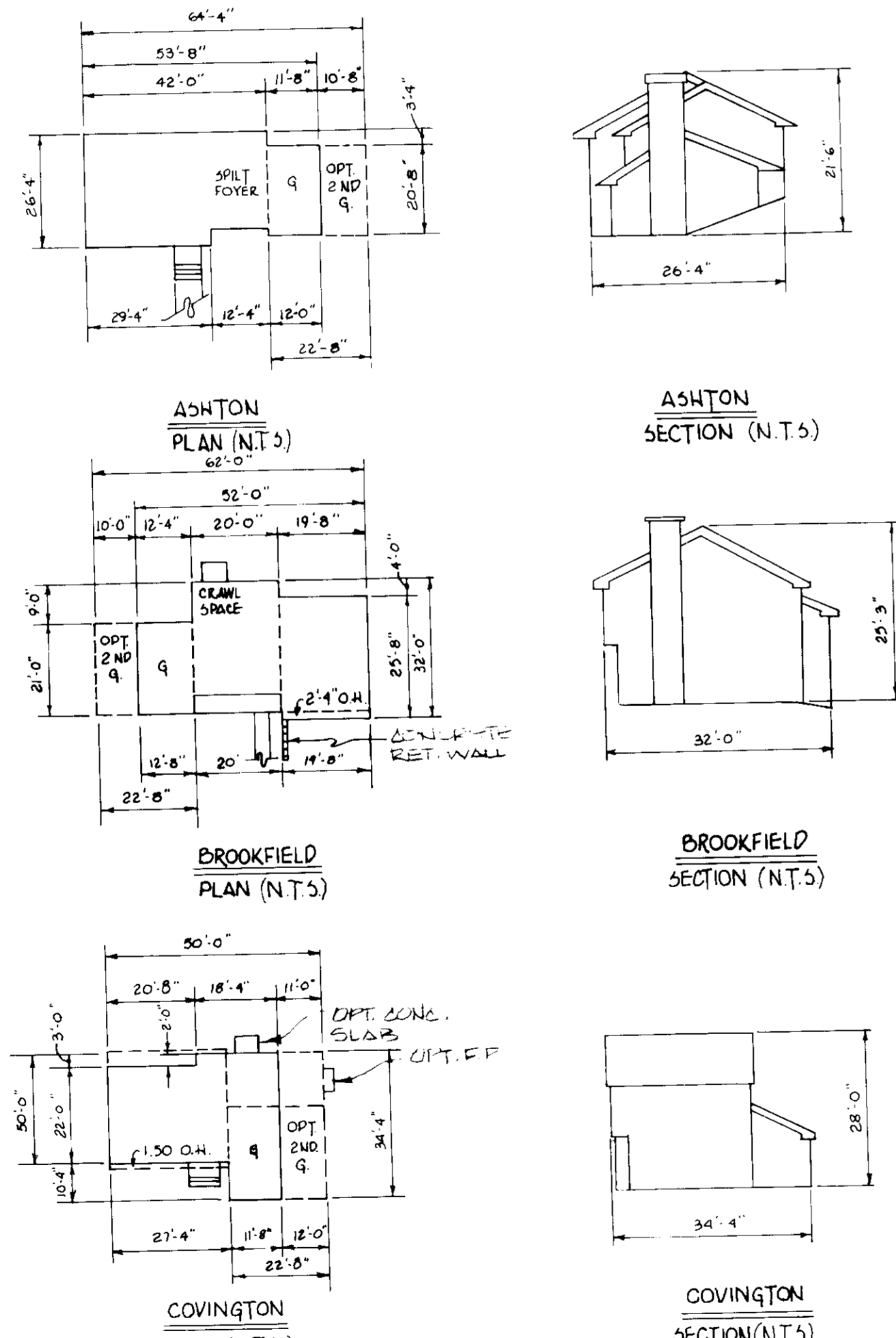
PLANTING DETAIL
NOT TO SCALE



CONSTRUCTION APPLICATIONS

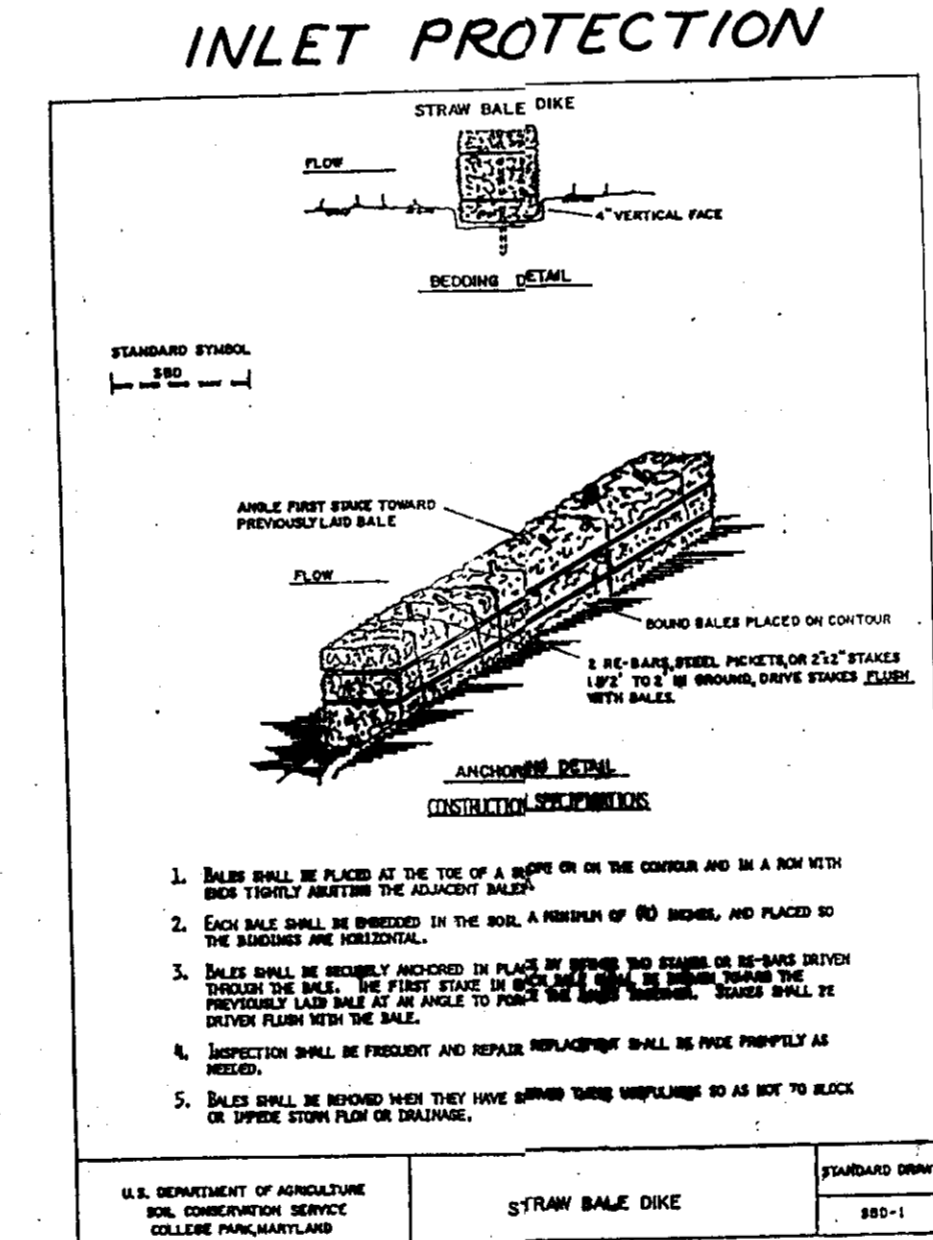
1. Stone Size - Use 3" stone, or recycled or recycled concrete equivalent.
2. Length - As required, but not less than 30 feet (except on a single residence lot where a 10 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Not less than six (6) inches, but not less than the full width at points where ingress or egress occurs.
5. 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.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable beam with 1:1 slopes will be provided.
7. 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 repair and/or cleanout of any measures used to trap sediment. All and repair and/or cleanout of any measures used to trap sediment. All and repair and/or cleanout of any measures used to trap sediment. All and repair and/or cleanout of any measures used to trap sediment.
8. 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.
9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



RESIDENTIAL DRIVEWAY ENTRANCE
NOT TO SCALE

- CONSTRUCTION SEQUENCE
1. OBTAIN GRADING PERMIT, INSPECT EXISTING SEDIMENT TRAPS AND MAKE ANY NECESSARY REPAIRS OR MAINTENANCE TO THE TRAPS PRIOR TO BEGINNING ANY WORK SHOWN HEREON.
 2. CONSTRUCT STONE CONSTRUCTION ENTRANCE FOR LOTS.
 3. INSTALL STRAW BALE DIKE OR SILT FENCE ON LOTS AS REQUIRED.
 4. CLEAR AND GRUB HOUSE SITES TO SUBGRADE.
 5. EXCAVATE FOR FOUNDATIONS AND BEGIN HOUSE CONSTRUCTION.
 6. DELAY HOUSE CONSTRUCTION FOR LOTS 35, 72, 75 AND 88, 41, 96, 67 UNTIL ALL OTHER LOTS HAVE BEEN FINAL GRADED AND STABILIZED.
 7. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAPS WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
 8. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON. AFTER EACH RAINFALL AND ON A DAILY BASIS.
 9. THE SEDIMENT TRAP SHALL BE DETERMINED BY PUMPING. THE SEDIMENT FROM THE TRAPS SHALL BE PLACED UP-GRADE FROM THE SEDIMENT TRAPS IN SUCH A MANNER AS NOT TO INTERFERE WITH CONSTRUCTION OPERATIONS OR CAUSE EROSION DOWNGRADE FROM THE SEDIMENT TRAPS.
 10. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
 11. FINE GRADE LOTS AND STABILIZE. INSTALL DRIVEWAYS AND SIDEWALKS.
 12. REMOVE STRAW BALE DIKES OR SILT FENCE AND STABILIZE.
 13. AFTER PERMISSION HAS BEEN GIVEN BY SEDIMENT CONTROL INSPECTOR, BACKFILL SEDIMENT TRAPS. STORM DRAIN CONSTRUCTION WILL BE COMPLETED AFTER CONTRIBUTING DRAINAGE AREAS ARE STABILIZED AND TRAPS HAVE BEEN REMOVED. STABILIZE ALL REMAINING AREAS WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.



INLET PROTECTION

1. BALES SHALL BE PLACED AT THE TOP OF A BERM OR ON THE CORNER AND IN A ROW WITH EACH OTHER TO FORM THE ADJACENT BALE.
2. EACH BALE SHALL BE BRIDGED IN THE MIDDLE BY A MINIMUM OF 80 BOUNDS, AND PLACED TO THE BOUNDS BEYOND THE ADJACENT BALE.
3. BALES SHALL BE BRIDGED IN PLACE BY SPACING THE STRAPS OR REINFORCING DEVICES THROUGH THE BALE. THE FIRST STRAP IN EACH ROW SHALL BE PLACED IN THE MIDDLE OF THE BALE. THE STRAPS SHALL BE PLACED IN THE MIDDLE OF THE BALE. THE STRAPS SHALL BE PLACED IN THE MIDDLE OF THE BALE. THE STRAPS SHALL BE PLACED IN THE MIDDLE OF THE BALE.
4. BRIDGING SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE IMMEDIATELY AS NEEDED.
5. BALES SHALL BE BRIDGED OVER THEM HAVE SPACING STRAPS REPLACED BY AN SET TO BLOCK OR SPICE STRAP FROM COLLAPSE.

3-18-88

- SEDIMENT CONTROL NOTES
- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permit prior to the start of any construction. (892-2427)
 - 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 redistribution, permanent or temporary stabilization shall be completed within 7 calendar days for all permanent sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, 14 days as to all other disturbed or graded areas on the project.
 - 4) All sediment traps/basins shown must be located and installed 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 sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, 14 days as to all other disturbed or graded areas on the project.
 - 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:
 Total Area of Site: 450 Acres
 Area Disturbed: 24 Acres
 Area to be roofed or paved: 24 Acres
 Area to be vegetatively stabilized: 402 Acres
 Total Cut: 100,000 Cu. Yds.
 Total Fill: 100,000 Cu. Yds.
 Office waste/borrow area location: _____
 - 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day disturbance.
 - 9) Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
 - 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of permanent 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.

- PERMANENT SEEDING NOTES
- Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.
- Soil Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding; if not previously loosened.
- Soil Amendment: 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 uniform fertilizer (9 lbs/1000 sq ft).
 - 2) Acceptable - Apply 1 ton 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 50 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 of Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.5 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, present 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 sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.
- Mulching - Apply 1/4 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Another mulch immediately after application using mulch combining 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 embankments.
- Maintenance - Inspect all seeded areas and make needed repairs, replacements and reseedings.

- TEMPORARY SEEDING NOTES
- Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.
- Soil Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding; if not previously loosened.
- Soil Amendment: Apply 60 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 30 lbs/acre of annual ryegrass (3.1 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 16 thru February 28, present site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.
- Mulching: Apply 1/4 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Another mulch immediately after application using mulch combining tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for embankments.
- Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for site and methods not covered.

SITE DEVELOPMENT PLAN
 MCKENZIE MEADOWS
 SECTION TWO
 LOTS 29 THRU 97
 2ND ELECTION DIST. HOWARD CO., MD.

JOHN E. HARMS JR. AND ASSOCIATES INC.
 CONSULTING ENGINEERS - PLANNERS - SURVEYORS
 9030 RED BRANCH ROAD
 COLUMBIA, MARYLAND 21045 TELEPHONE (301) 740-5200 SUITE 100

DESIGNED BY: J.C.S.
 DRAWN BY: R.C.T. & F.B.
 CHECKED BY: P.J.
 DATE: _____
 SCALE: 1" = 30'
 W.O. NO. 44-06-002D 7 SHEET OF 7

ENGINEER'S CERTIFICATE
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER: _____ DATE: _____

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

SIGNATURE OF DEVELOPER: _____ DATE: 3/20/88

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
 U.S. SOIL CONSERVATION SERVICE 4-5-88 DATE
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: _____ DATE: 4/6/88
 DISTRICT HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: _____ DATE: 4-26-88
 CHIEF, BUREAU OF COMMUNITY PLANNING AND LAND DEVELOPMENT: _____ DATE: 4/22/88

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS
 HEALTH OFFICER: _____ DATE: 4-15-88

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 DIRECTOR, PUBLIC WORKS: _____ DATE: 4-12-88
 CHIEF, BUREAU OF ENGINEERING: _____ DATE: _____

SUBDIVISION: McKenzie Meadows
 SECTION/AREA: Section 2
 LOT NOS.: 29-97
 PLAT NOS.: 28-4 769
 BLOCK NO.: 9
 TAX/ZONE: 820 17
 ELEC. DIST.: 2nd
 CENSUS TR.: 6021
 WATER CODE: 24-1655-D
 SEWER CODE: 24-1655-D