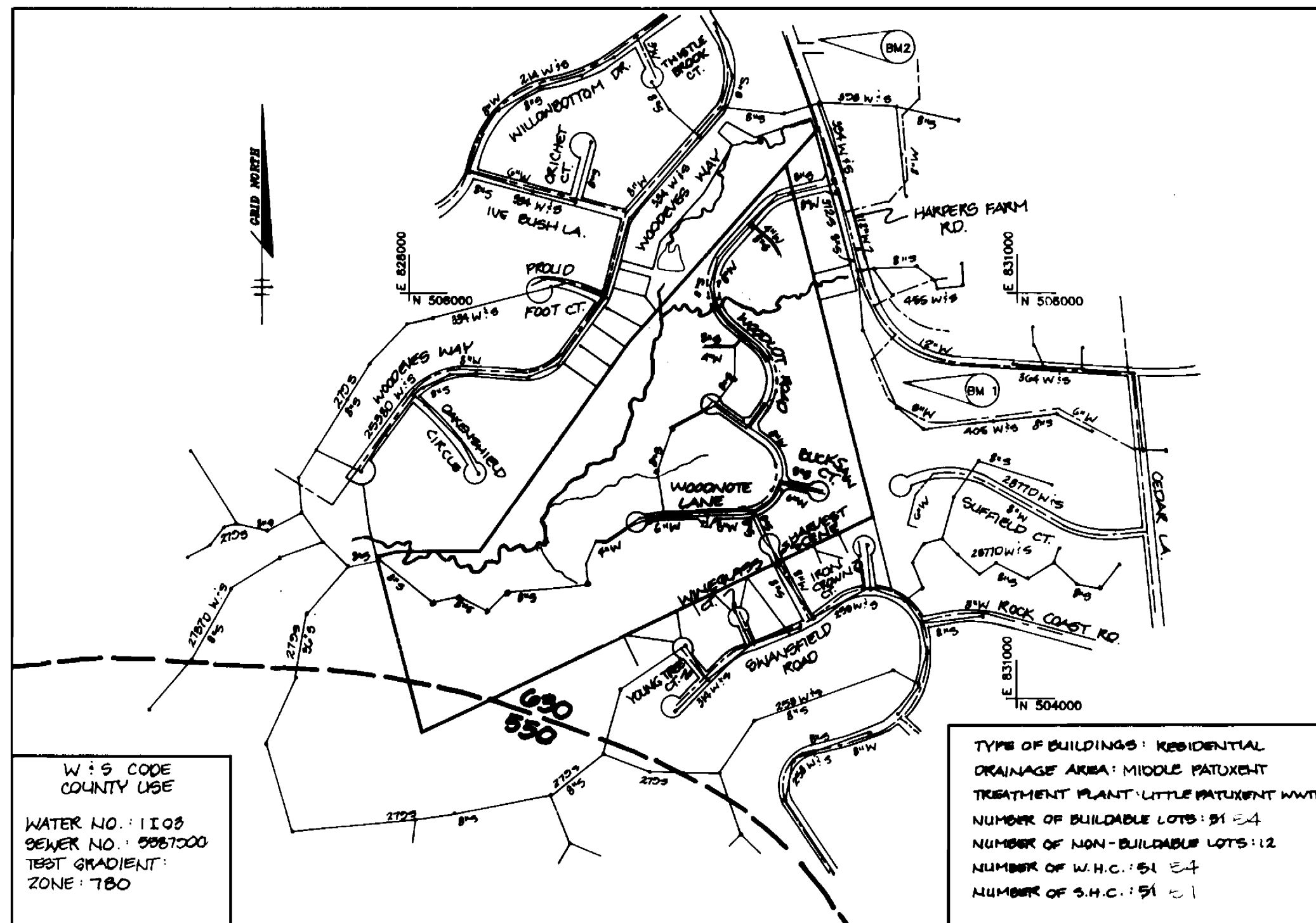


# WATER AND SEWER EXTENSION WOODLOT SECTION I CONTRACT NO. 34-3279-D 5th ELECTION DISTRICT

QUANTITIES				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER / SUPPLIER
8" SEWER MAIN	4877 LF	5,033 LF	PVC-SDR 35	J.M. MAN./B.R.S.
8" D.I.P.	1287 LF	1,124 LF	D.I.P. CL 52	GRIFFIN/
4" MANHOLE	21 EA.	30 EA.	PRECAST	ATLANTIC/
TERMINAL MANHOLE	4 EA.	5 EA.	PRECAST	"
DROP MANHOLE TYPE 'A'	1 EA.	0 EA.	N/A	N/A
DROP MANHOLE TYPE 'B'	0 EA.	0 EA.	PRECAST	ATLANTIC/
4" S.H.C.	1180 LF	1078 LF	D.I.P. CL 52 PVC SDR 35	GRIFFIN/ J.M. MAN./B.R.S.
8" WATER MAIN	2092 LF	2,012 LF	D.I.P. CL 52	GRIFFIN/
6" WATER MAIN	505 LF	513 LF	" " "	GRIFFIN/
4" WATER MAIN	513 LF	509 LF	" " "	"
AIR RELEASE MANHOLE	2 EA.	2 EA.	PRECAST	ATLANTIC/
4" PLUG + BUTTRESS	5 EA.	5 EA.	D.I.P. CL 52	GRIFFIN/
6" PLUG + BUTTRESS	2 EA.	2 EA.	" " "	"
8" PLUG + BUTTRESS	1 EA.	1 EA.	" " "	"
PIKE HYDRANT	6 EA.	6 EA.	" " "	"
8" x 8" TEE	6 EA.	6 EA.	" " "	GRIFFIN/
8" x 6" TEE	7 EA.	7 EA.	" " "	"
12" x 8" TEE	1 EA.	0 EA.	N/A	N/A
8" x 4" TEE	2 EA.	2 EA.	D.I.P. CL 52	GRIFFIN/
6" x 4" TEE	1 EA.	1 EA.	" " "	GRIFFIN/
9/4" W.H.C.	1120 LF	1307 LF	" " "	HOWELL/B.R.S.
12" x 8" TAPPING SLEEVE WALL	1 EA.	1 EA.	D.I.P. CL 52	MUELLER/B.R.S.
8" VALVE	13 EA.	13 EA.	RESILIENT SEAL CL-GATE V.	" " "
6" VALVE	7 EA.	7 EA.	" " "	" " "
4" VALVE	4 EA.	4 EA.	" " "	" " "
8" x 6" REDUCER	2 EA.	2 EA.	D.I.P. CL 52	GRIFFIN/
8" x 4" REDUCER	1 EA.	1 EA.	" " "	"
6" x 4" REDUCER	1 EA.	1 EA.	" " "	"
1 1/2" DRAIN	3 EA.	3 EA.	PRECAST	HOWELL/B.R.S.
8" - 1/2" BOND	1 EA.	1 EA.	D.I.P. CL 52	GRIFFIN/
8" - 1/4" BOND	3 EA.	3 EA.	" " "	"
8" - 1/2" BOND	1 EA.	1 EA.	" " "	"
8" - 1/4" BOND	1 EA.	1 EA.	" " "	"
1 1/2" COPPER	21 LF.	21 LF.	" " "	HOWELL/B.R.S.
1" W.H.C.	16 LF.	16 LF.	" " "	HOWELL/B.R.S.
NAME OF CONTRACTOR: COSENTINO CONSTRUCTION CO.				
		CHECKBOX		
		AS-BUILT DATE		
		SURVEY AND DRAFTING DIVISION		



VICINITY MAP

SCALE: 1"=600'

BENCHMARKS

NO. 1  
HOWARD COUNTY MONUMENT # 2739002  
ELEV. 472.20  
N 505654.515  
E 830372.788

NO. 2  
HOWARD COUNTY MONUMENT # 2739003  
ELEV. 465.10  
N 507944.385  
E 829697.643

MANHOLE SCHEDULE

NO.	NORTH	EAST	NO.	NORTH	EAST
1	504682.65	827864.82	21	506095.09	820486.04
2	504765.85	828121.82	22	506170.78	820525.70
3	504608.56	828289.09	23	506344.41	820677.78
4	50431.84	828352.01	24	506470.17	820813.97
5	504226.61	828486.61	25	506526.64	820907.17
6	504947.16	828795.76	26	506597.07	821042.88
7	504562.52	828800.91	27	506727.55	821206.89
8	504662.03	828878.60	28	506788.20	821290.12
9	504761.51	828928.20	29	506875.64	821382.56
10	504773.90	828977.10	30	506928.09	821481.80
11	504891.87	829040.45	31	506989.62	821584.00
12	504900.79	829122.04	32	507048.57	821683.81
13	505123.97	829225.89	33	507128.00	821786.00
14	505322.41	829300.46	34	507248.00	821890.00
15	505445.68	829390.68	35	507344.98	821990.00
16	505578.09	829400.02	36	507480.94	822084.26
17	505740.07	829410.14	37	507644.37	822186.12
18	505789.10	829447.32	38		
19	505863.00	829494.00	39		

Sediment control measures for this contract will be implemented in accordance with Section 219 of the Specifications and as shown on F-53-125.

HOWARD SOIL CONSERVATION DISTRICT

Review for Howard Soil Conservation District and needs technical requirements.

*J. A. Woodlot*  
S.O. SOIL CONSERVATION SERVICE  
DATE: 10/28/93

This plan is approved for soil erosion and sediment control by the Howard Soil Conservation District

*John P. Roberts*  
HOWARD SOIL CONSERVATION DISTRICT  
DATE: 10/28/93

WATER & SEWER AS-BUILT

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*James G. ...*  
DIRECTOR OF PUBLIC WORKS  
DATE: 10-28-93

*...*  
CHIEF, BUREAU OF ENGINEERING  
DATE: 11/19/93

*...*  
CHIEF, LAND DEVELOPMENT  
DATE: 11/19/93

RIEMER MUEGGE & ASSOCIATES, INC.  
Planners • Engineers • Surveyors  
8818 Centre Park Drive • Suite 200 • Columbia, MD 21046  
410-997-8900 FAX: 410-997-9282

STATE OF MARYLAND  
JAYKANT D. PAREKH # 19148

DES: J.T.D.				
DRN: J.C.D.				
CHK: D.F.				
DATE: 10-14-93				
BY: NO.	ADDED	NOTE	REVISION	DATE
1		25		10/29/93

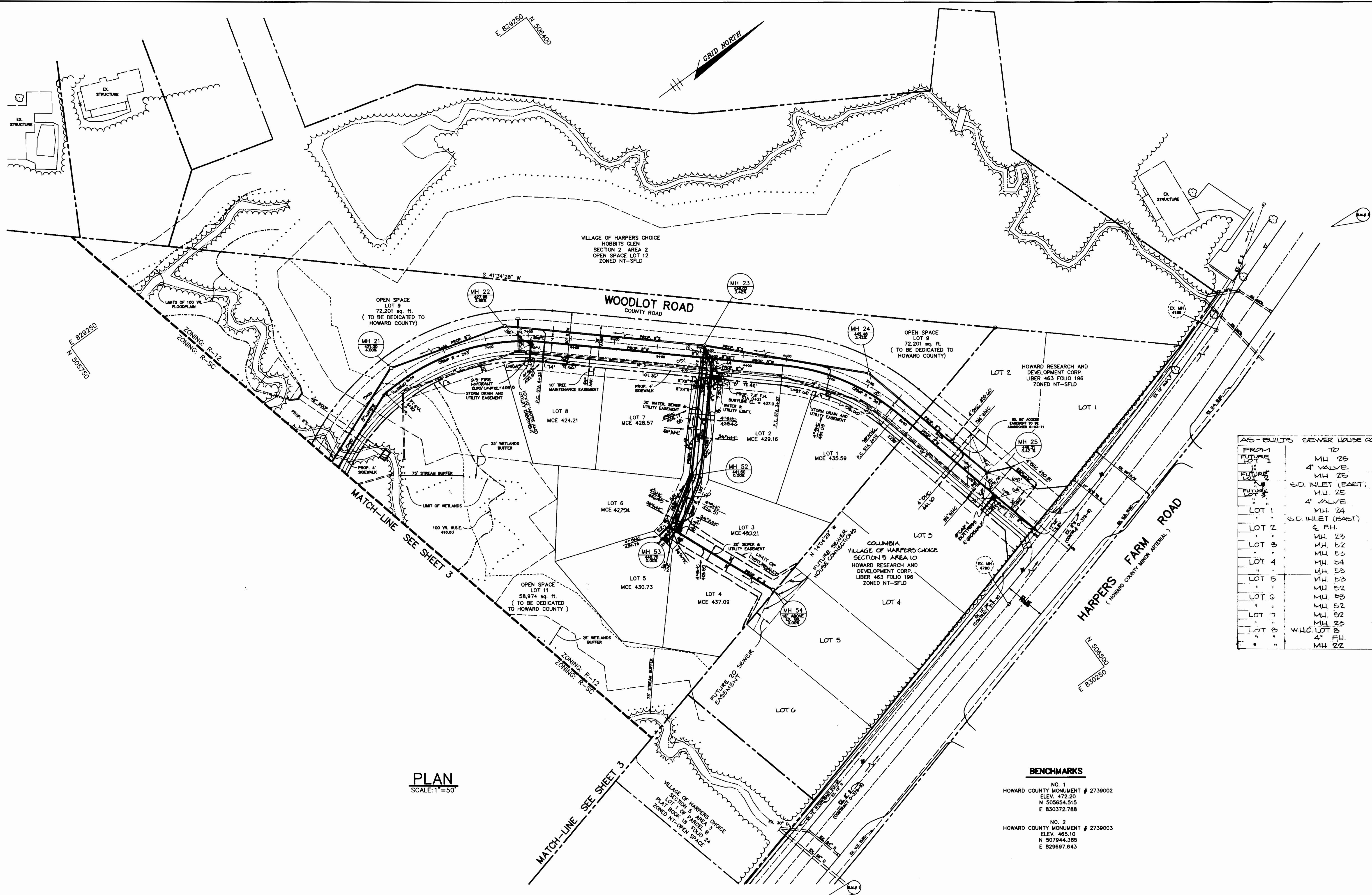
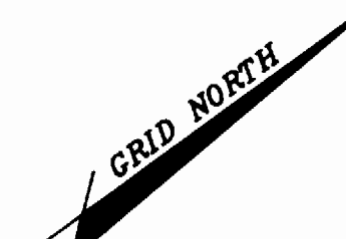
WOODLOT  
SECTION I, LOTS 1-8 & 41-83  
TAX MAP 29 PARCEL 365  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
CONTRACT NO. 34-3279-D

SCALE AS SHOWN  
SHEET 1 OF 11

3279 WS/I Woodlot

AS - BUILT

E 829250 N 506500



E 829250  
N 505750

OPEN SPACE  
LOT 9  
72,201 sq. ft.  
(TO BE DEDICATED TO  
HOWARD COUNTY)

VILLAGE OF HARPERS CHOICE  
HOBBITS GLEN  
SECTION 2 AREA 2  
OPEN SPACE LOT 12  
ZONED NT-SFLD

WOODLOT ROAD  
COUNTY ROAD

OPEN SPACE  
LOT 9  
72,201 sq. ft.  
(TO BE DEDICATED TO  
HOWARD COUNTY)

LOT 2  
HOWARD RESEARCH AND  
DEVELOPMENT CORP.  
LIBER 463 FOLIO 196  
ZONED NT-SFLD

HARPERS FARM ROAD  
(HOWARD COUNTY MAJOR ARTERIAL)

AS-BUILTS	SEWER HOUSE CONNECTIONS	TO	DISTANCE
FROM		MH 25	26'
LOT 3		4" VALVE	42'
LOT 3		MH 25	58'
LOT 3		S.D. INLET (EAST)	15'
LOT 3		M.H. 25	41'
LOT 3		4" VALVE	56'
LOT 1		M.H. 24	46'
LOT 1		S.D. INLET (EAST)	58'
LOT 2		4" F.H.	94'
LOT 3		M.H. 52	93'
LOT 3		M.H. 53	42'
LOT 4		M.H. 54	100'
LOT 4		M.H. 53	42'
LOT 5		M.H. 52	0'
LOT 6		M.H. 52	79'
LOT 6		M.H. 52	28'
LOT 7		M.H. 52	42'
LOT 7		M.H. 23	09'
LOT 8		M.H. 23	02'
LOT 8		W.L.C. LOT 8	74'
LOT 8		4" F.H.	11'
LOT 8		M.H. 22	58'

PLAN  
SCALE: 1"=50'

**BENCHMARKS**

- NO. 1  
HOWARD COUNTY MONUMENT # 2739002  
ELEV. 472.20  
N 505654.515  
E 830372.788
- NO. 2  
HOWARD COUNTY MONUMENT # 2739003  
ELEV. 465.10  
N 507944.385  
E 829697.843

SEWER & WATER AS - BUILTS

3279 Ws/2 Woodlot

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*James M. ...* 11/12/93  
DIRECTOR OF PUBLIC WORKS DATE

*...* 10-25-93  
CHIEF, BUREAU OF UTILITIES DATE

*...* 11/12/93  
CHIEF, LAND DEVELOPMENT DATE

RIEMER MUEGGE & ASSOCIATES, INC.  
Planners • Engineers • Surveyors  
8818 Centre Park Drive Suite 200 Columbia, Md  
410-997-8900 FAX: 410-997-9282



DES: J.T.D.					
DRN: J.T.D.					
CHK: D.F.	RJC	2	REVISED F.H. NO. MH 23	5/21/94	
DATE: 6-14-93	J.G.O.	1	REVISED PROJECT FOOTINGS	12-21-93	
	BY NO.		REVISION	DATE	

PLAN OF  
WATER AND SEWER MAINS

600' SCALE MAP NO. 22 BLOCK NO. 22

WOODLOT  
SECTION 1, LOTS 1-8 & 41-83  
TAX MAP 29 PARCEL 365  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
CONTRACT NO. 34-3279-D

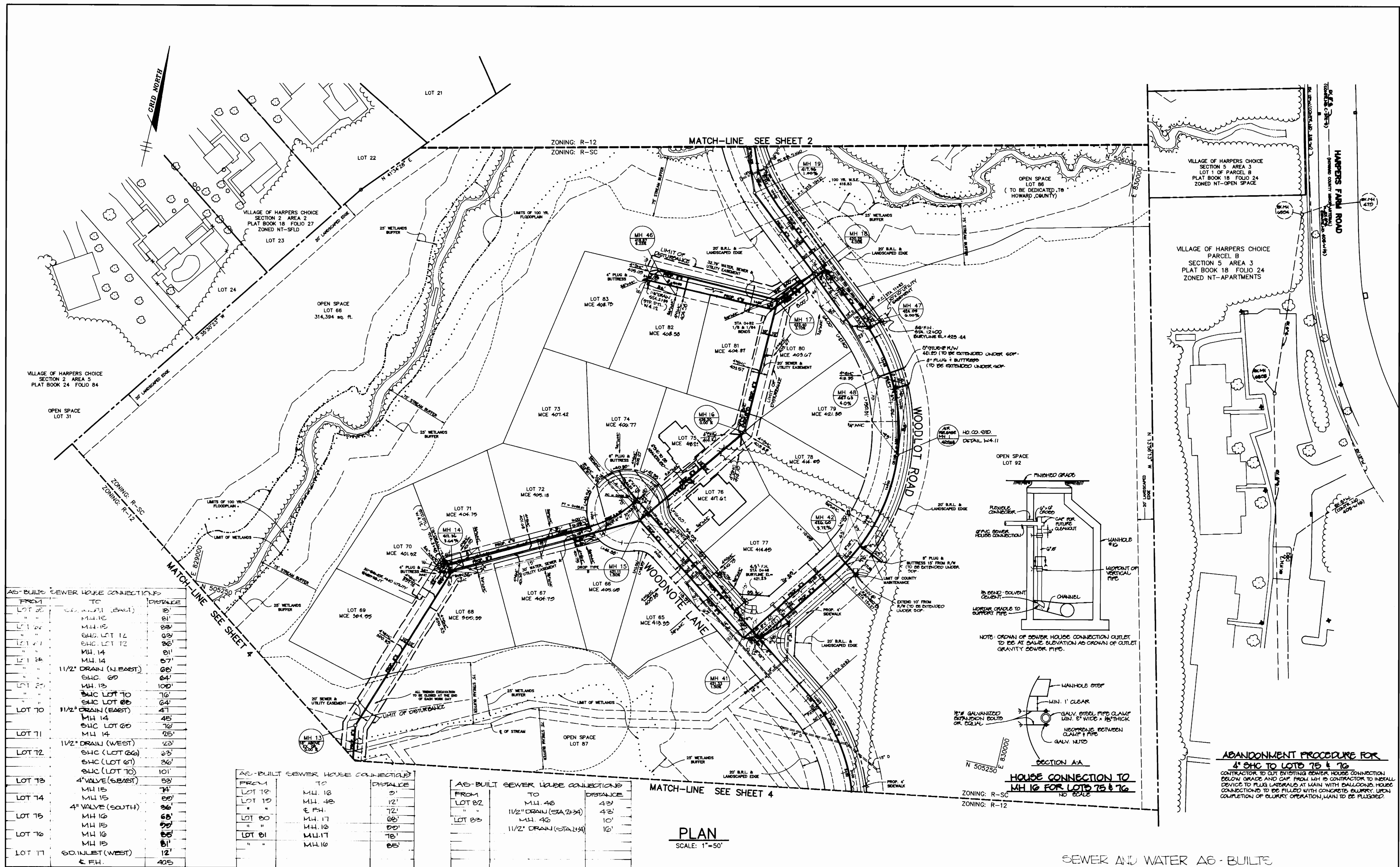
SCALE AS SHOWN  
SHEET 2 OF 11

AS - BUILT

AS-BUILT

Ws/3 Woodlot

3279

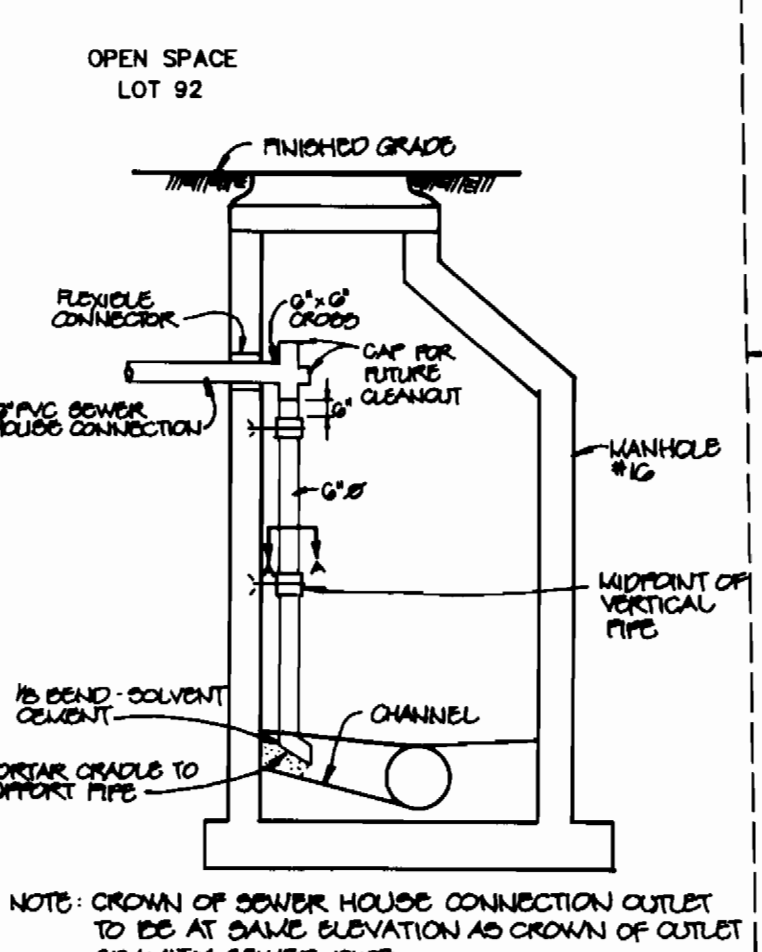


AS-BUILT SEWER HOUSE CONNECTIONS	FROM	TO	DISTANCE
LOT 21	M.H. 15	M.H. 16	15'
LOT 22	M.H. 15	M.H. 16	15'
LOT 23	S.H.C. LOT 12	S.H.C. LOT 12	0'
LOT 24	M.H. 14	M.H. 14	0'
LOT 25	M.H. 14	M.H. 14	0'
LOT 26	1 1/2" DRAIN (N.EAST)	S.H.C. 60	60'
LOT 27	M.H. 13	M.H. 13	0'
LOT 28	S.H.C. LOT 10	S.H.C. LOT 10	0'
LOT 29	S.H.C. LOT 10	S.H.C. LOT 10	0'
LOT 30	1 1/2" DRAIN (EAST)	M.H. 14	45'
LOT 31	S.H.C. LOT 60	S.H.C. LOT 60	0'
LOT 32	M.H. 14	M.H. 14	0'
LOT 33	1 1/2" DRAIN (WEST)	M.H. 14	23'
LOT 34	S.H.C. (LOT 66)	S.H.C. (LOT 66)	0'
LOT 35	S.H.C. (LOT 67)	S.H.C. (LOT 67)	0'
LOT 36	S.H.C. (LOT 70)	S.H.C. (LOT 70)	101'
LOT 37	4" VALVE (EAST)	M.H. 15	74'
LOT 38	M.H. 15	M.H. 15	0'
LOT 39	4" VALVE (SOUTH)	M.H. 15	68'
LOT 40	M.H. 15	M.H. 15	0'
LOT 41	M.H. 15	M.H. 15	0'
LOT 42	60" INLET (WEST)	E.F.H.	12'
LOT 43	E.F.H.	E.F.H.	405'

AS-BUILT SEWER HOUSE CONNECTIONS	FROM	TO	DISTANCE
LOT 70	M.H. 14	M.H. 16	9'
LOT 71	M.H. 14	M.H. 16	12'
LOT 72	"	E.F.H.	72'
LOT 73	"	M.H. 17	68'
LOT 74	"	M.H. 16	60'
LOT 75	"	M.H. 17	78'
LOT 76	"	M.H. 16	65'

AS-BUILT SEWER HOUSE CONNECTIONS	FROM	TO	DISTANCE
LOT 82	M.H. 46	M.H. 46	43'
LOT 83	1 1/2" DRAIN (STA 2+34)	M.H. 46	43'
LOT 84	"	M.H. 46	10'
LOT 85	1 1/2" DRAIN (STA 2+34)	M.H. 46	16'

PLAN  
SCALE: 1"=50'

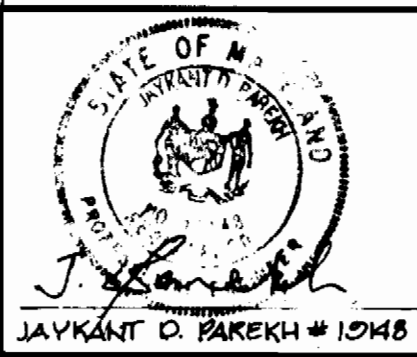


**ABANDONMENT PROCEDURE FOR 4" S.H.C. TO LOTS 75 & 76**  
 CONTRACTOR TO CUT EXISTING SEWER HOUSE CONNECTION BELOW GRADE AND CAP FROM M.H. 16 CONTRACTOR TO INSTALL DEVICE TO PLUG LATERALS AT MAIN WITH BALLCOCK HOUSE CONNECTIONS TO BE FILLED WITH CONCRETE. QUARRY LUMP CONCRETE TO BE PLUGGED UPON COMPLETION OF QUARRY OPERATION. MAIN TO BE PLUGGED.

SEWER AND WATER AS-BUILTS

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 DIRECTOR OF PUBLIC WORKS: [Signature] DATE: 11/12/92  
 CHIEF, BUREAU OF UTILITIES: [Signature] DATE: 10-25-93  
 CHIEF, BUREAU OF ENGINEERING: [Signature] DATE: 11/12/92  
 CHIEF, LAND DEVELOPMENT: [Signature] DATE: 11/12/92

RIEMER MUEGGE & ASSOCIATES, INC.  
 Planners • Engineers • Surveyors  
 8818 Centre Park Drive Suite 200 Columbia, Md  
 410-997-8900 FAX: 410-997-9282

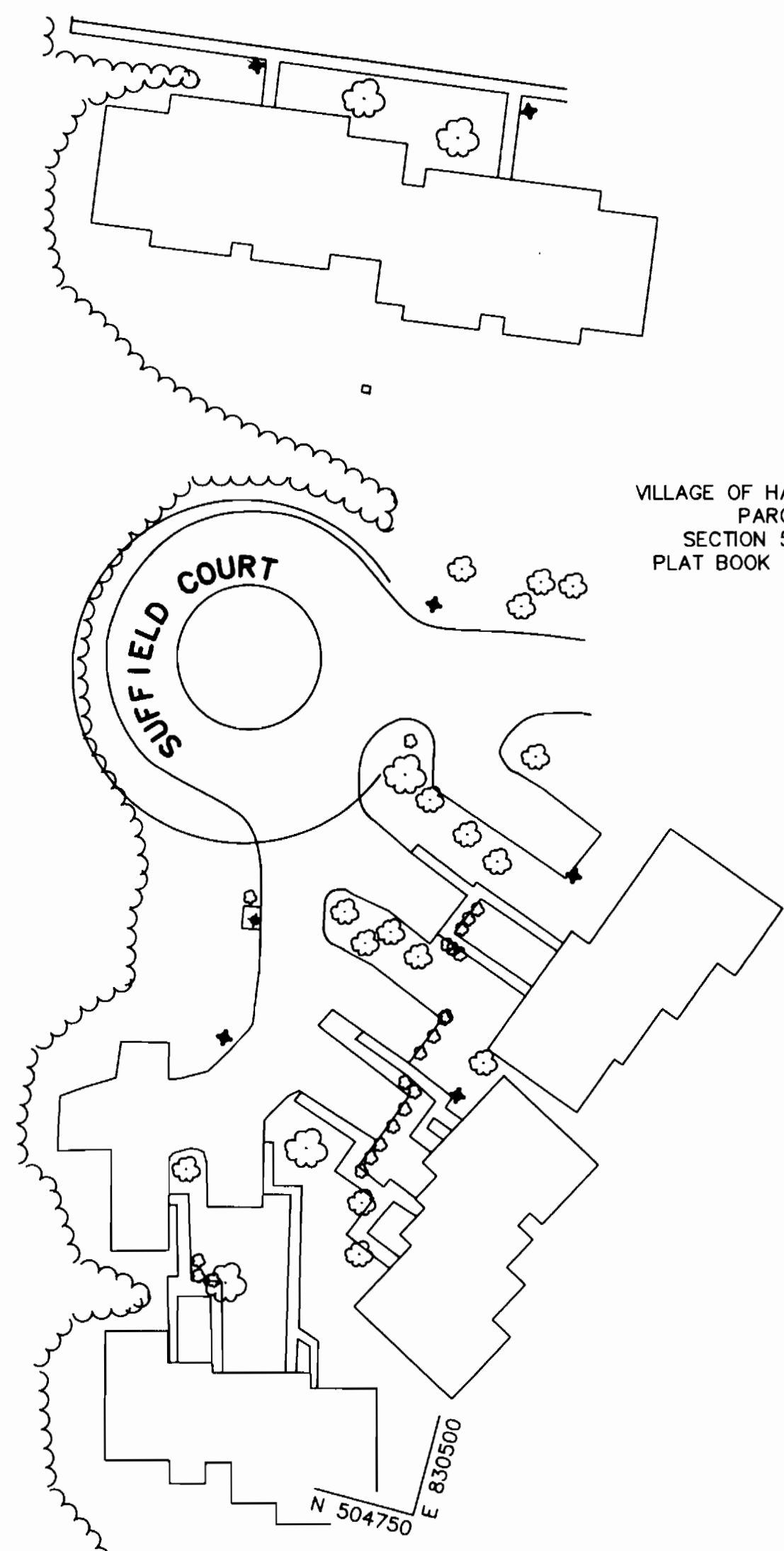
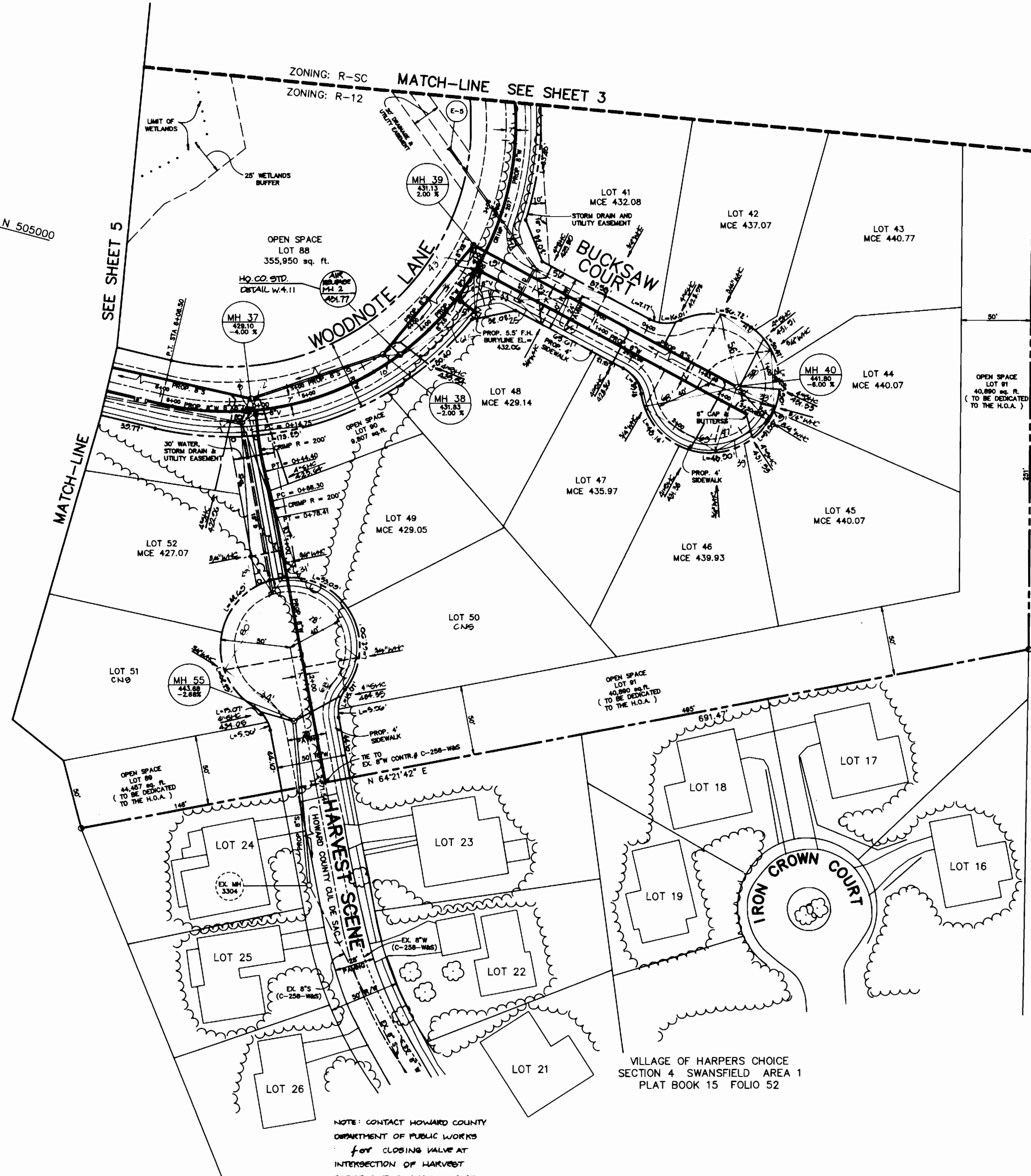


DES: J.T.D.					
DRN: J.T.D.					
CHK: D.F.					
DATE: 6-14-93					
BY NO.		REVISION		DATE	
		REV. HOUSE CONN. TO LOTS 75 & 76		8-14-93	
		ADDED HOUSE CONN. DETAILS			
		ABANDONMENT NOTE			
		REVISED ELEV'S. MH 19, 47, AR, MH 1, 42, 114			
		REVISE FRONT FOOTAGES		8-21-93	

PLAN OF  
 WATER AND SEWER MAINS  
 600' SCALE MAP NO. 32 BLOCK NO. 32

WOODLOT  
 SECTION 1, LOTS 1-8 & 41-83  
 TAX MAP 29 PARCEL 365  
 5th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 CONTRACT NO. 34-3279-D  
 SCALE AS SHOWN  
 SHEET 9 OF 11

AS-BUILT



VILLAGE OF HARPERS CHOICE  
PARCEL B  
SECTION 5 AREA 3  
PLAT BOOK 18 FOLIO 24

VILLAGE OF HARPERS CHOICE  
SECTION 4 SWANSFIELD AREA 1  
PLAT BOOK 15 FOLIO 52

NOTE: CONTACT HOWARD COUNTY  
DEPARTMENT OF PUBLIC WORKS  
for CLOSING VALVE AT  
INTERSECTION OF HARVEST  
SCENE AND SWANSFIELD ROAD.

PLAN  
SCALE: 1"=50'

FROM	TO	DISTANCE
LOT 41	SD INLET (WEST)	12'
"	SD INLET (SOUTH)	82'
LOT 42	MH 40	63'
"	SHC 43	65'
LOT 43	MH 40	41'
"	SHC 44	41'
LOT 44	SHC 45	38'
"	MH 40	35'
LOT 45	MH 40	45'
"	SHC 46	55'
LOT 46	MH 47	58'
LOT 47	SD INLET (N.WEST)	81'
"	SD INLET (WEST)	81'
LOT 48	E.P.H.	51'
"	MH 38	32'
LOT 49	MH 31	55'
"	SD INLET (SOUTH)	83'
LOT 50	SD INLET (NORTH)	81'
"	MH 40	44'
"	E.P.H.	22'
"	SD INLET (SOUTH)	92'
"	SD INLET (NORTH)	92'
"	E.P.H.	52'

WATER AS-BUILTS

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*[Signature]* Director of Public Works  
*[Signature]* Chief, Bureau of Engineering  
*[Signature]* Chief, Bureau of Utilities  
*[Signature]* Chief, Land Development

DATE: 10-25-93

RIEMER MUEGGE & ASSOCIATES, INC.  
Planners • Engineers • Surveyors  
8818 Centre Park Drive Suite 200 Columbia, Md  
410-997-8900 FAX: 410-997-9282

*[Signature]*  
JAYKANT CHAKRABARTI # 10148

DES: J.T.D.					
DRN: J.T.D.					
CHK: D.P.	J.C.O.	2	REVISED EL. for Buryline @ PH No. MH 39	3/21/94	
	J.C.O.	1	REVISE FRONT FOOTAGES	10-21-93	
DATE: 6-14-93	BY NO.		REVISION	DATE	

PLAN OF  
WATER AND SEWER MAINS

600' SCALE MAP NO. 22 BLOCK NO. 22

WOODLOT  
SECTION 1, LOTS 1-8 & 41-83  
TAX MAP 29 PARCEL 365  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
CONTRACT NO. 34-3279-D

SCALE AS SHOWN  
SHEET 4 OF 11

AS-BUILT

FROM	TO	DISTANCE
LOT 53	M.H. 30	73'
"	E. FLL	73'
LOT 54	E. FLL	100'
"	M.U. 12	97'
LOT 55	60 INLET (NORTH)	9'
"	INLET ACROSS WOODNOTE LANE	3'
LOT 56	M.H. 11	61'
"	60 INLET (WEST)	12'
LOT 57	60 INLET (NORTH)	25'
"	M.H. 15	20'
LOT 58	M.H. 15	24'
"	M.H. 10	24'
LOT 59	M.H. 10	24'
"	M.H. 10	20'
LOT 60	M.H. 10	20'
"	M.H. 10	20'
LOT 61	M.H. 10	20'
"	M.H. 10	20'
LOT 62	M.H. 10	20'
"	60 INLET (NORTH)	10'
LOT 63	M.U. 11	20'
"	E. FLL	20'
LOT 64	M.H. 12	24'
"	E. FLL	24'
"	60 INLET (SOUTH)	50'



PLAN  
SCALE: 1"=50'

WATER AS-BUILTS

3279 W/S Woodlot

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*James J. Shaw* 11/12/92  
DIRECTOR OF PUBLIC WORKS DATE

*Edmund R. Smith* 11/12/92  
CHIEF, BUREAU OF ENGINEERING DATE

*Robert Benjamin* 10-25-93  
CHIEF, BUREAU OF UTILITIES DATE

*John D. ...* 11/12/92  
CHIEF, LAND DEVELOPMENT DATE

RIEMER MUEGGE & ASSOCIATES, INC.  
Planners • Engineers • Surveyors  
8818 Centre Park Drive Suite 200 Columbia, Md  
410-997-8900 FAX: 410-997-9282

J. Powell  
JAYKANT D. BAKKH #1048

DES: J.T.O.				
DRN: J.T.O.				
CHK: D.F.	RAC	2	REVISED B SAN. BETWEEN MH 11 & MH 10. FA. NO. MH 36	3/21/94
DATE: 6-14-93	J.C.O.	1	REVISE FRONT FOOTAGES	6/14/93
	BY	NO.	REVISION	DATE

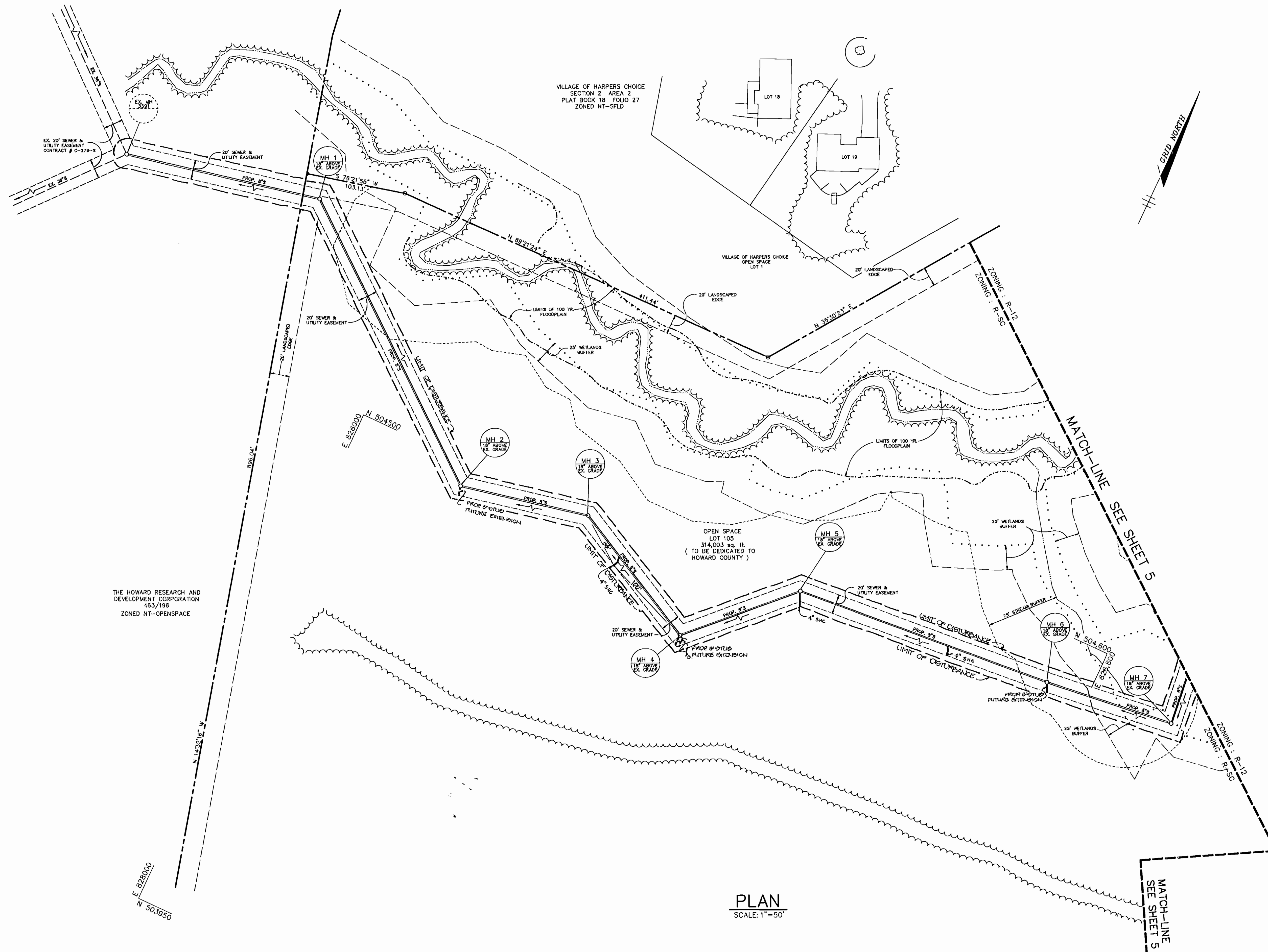
PLAN OF  
WATER AND SEWER MAINS

600' SCALE MAP NO. 22 BLOCK NO. 22

WOODLOT  
SECTION 1, LOTS 1-8 & 41-83  
TAX MAP 29 PARCEL 365  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
CONTRACT NO. 34-3279-D

SCALE AS SHOWN  
SHEET 2 OF 11

AS-BUILT



PLAN  
SCALE: 1"=50'

SEWER AS-BUILTS

3279  
WS/6 Woodlot

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*James P. Chen* 11/12/92  
DIRECTOR OF PUBLIC WORKS DATE

*Robert A. Deming* 10-25-93  
CHIEF, BUREAU OF UTILITIES DATE

*Edward R. ...* 11/12/92  
CHIEF, BUREAU OF ENGINEERING DATE

*...* 11/12/92  
CHIEF, LAND DEVELOPMENT DATE

**RIEMER MUEGGE & ASSOCIATES, INC.**  
Planners • Engineers • Surveyors  
8818 Centre Park Drive Suite 200 Columbia, Md  
410-997-8900 FAX : 410-997-9282



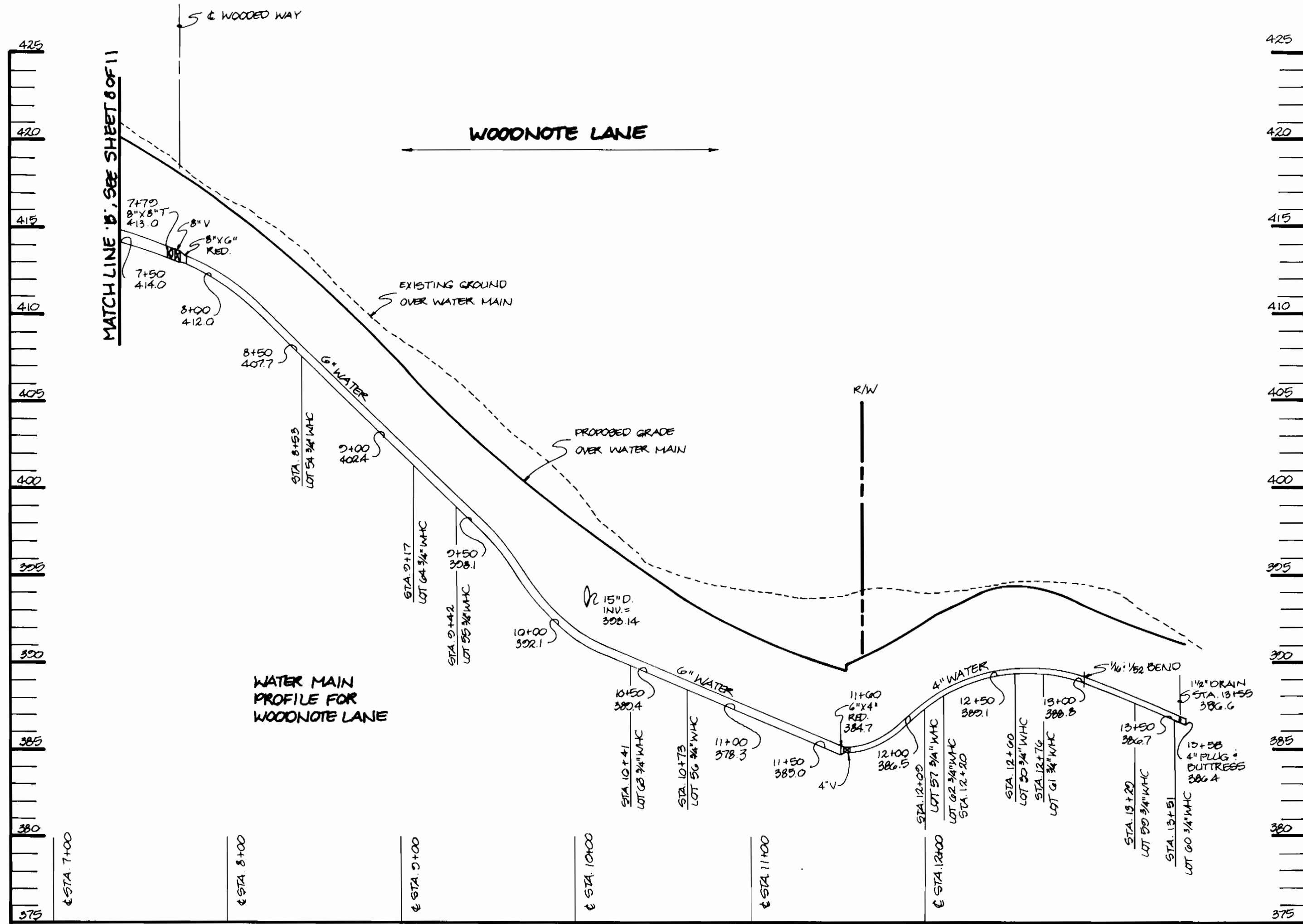
DES: J.T.D.					
DRN: J.T.D.					
CHK: D.F.	RJC	2	ADD 3'-4" SHC'S To Prop. 8" Szn	3/19/94	
DATE: 6-14-00	J.C.O.	1	REVISE FRONT FOOTAGES	6-8-00	
	BY	NO.	REVISION	DATE	

**PLAN OF  
WATER AND SEWER MAINS**

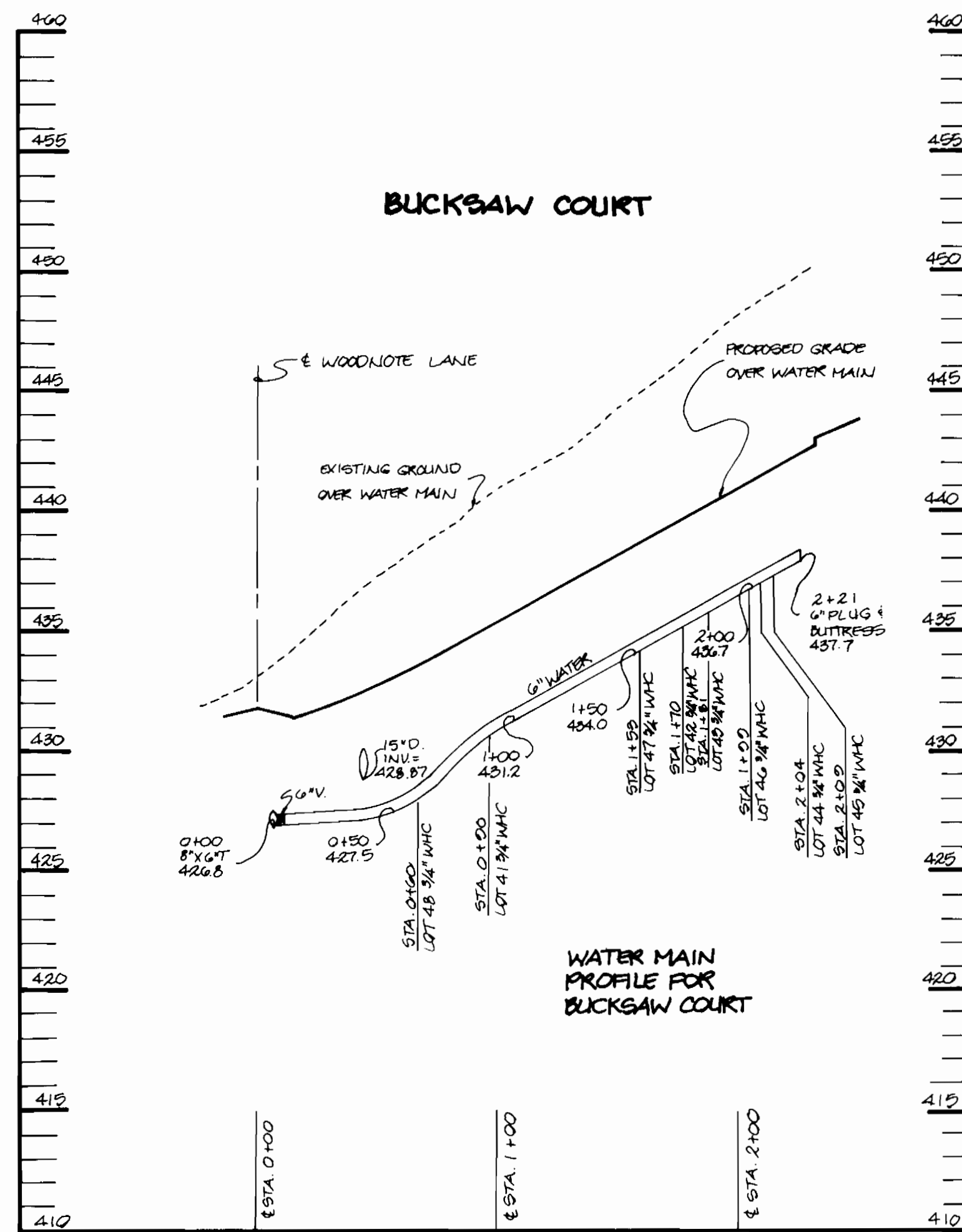
600' SCALE MAP NO. 32 BLOCK NO. 32

**WOODLOT**  
SECTION 1, LOTS 1-8 & 41-83  
TAX MAP 29 PARCEL 365  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
CONTRACT NO. 34-3279-D

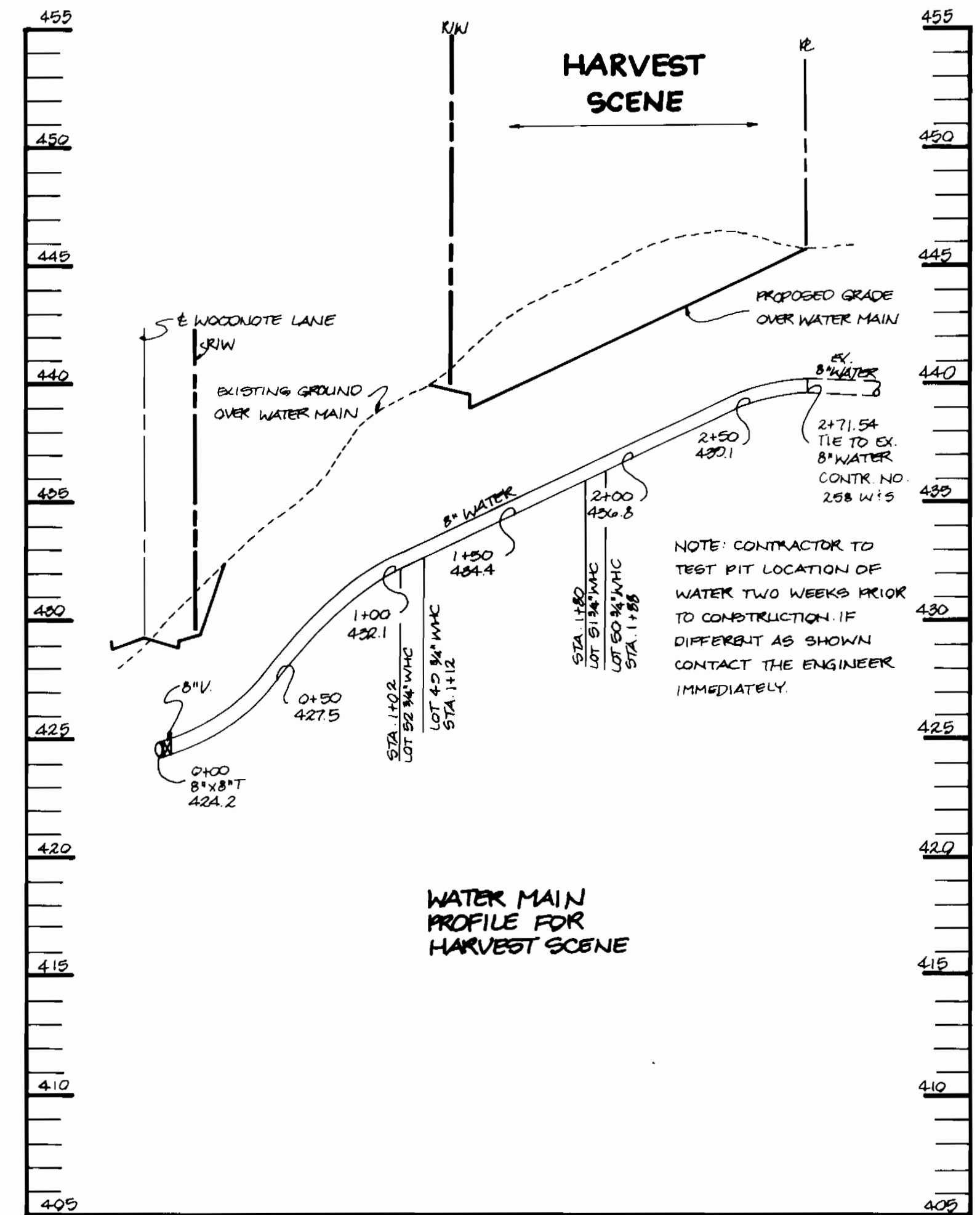
SCALE AS SHOWN  
SHEET 2 OF 11



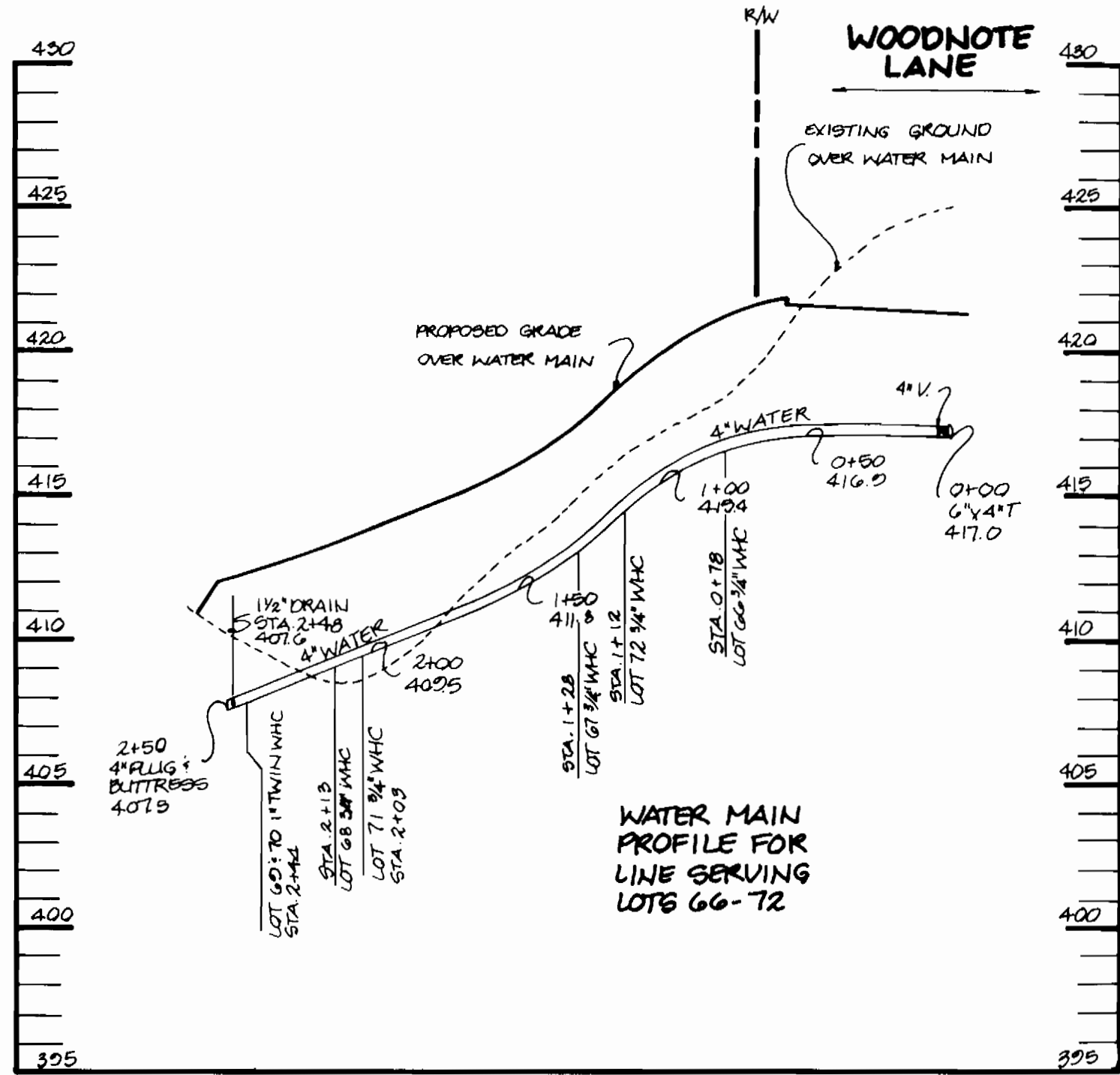
**PROFILE**  
 HOR. 1"=50'  
 VERT. 1"=5'



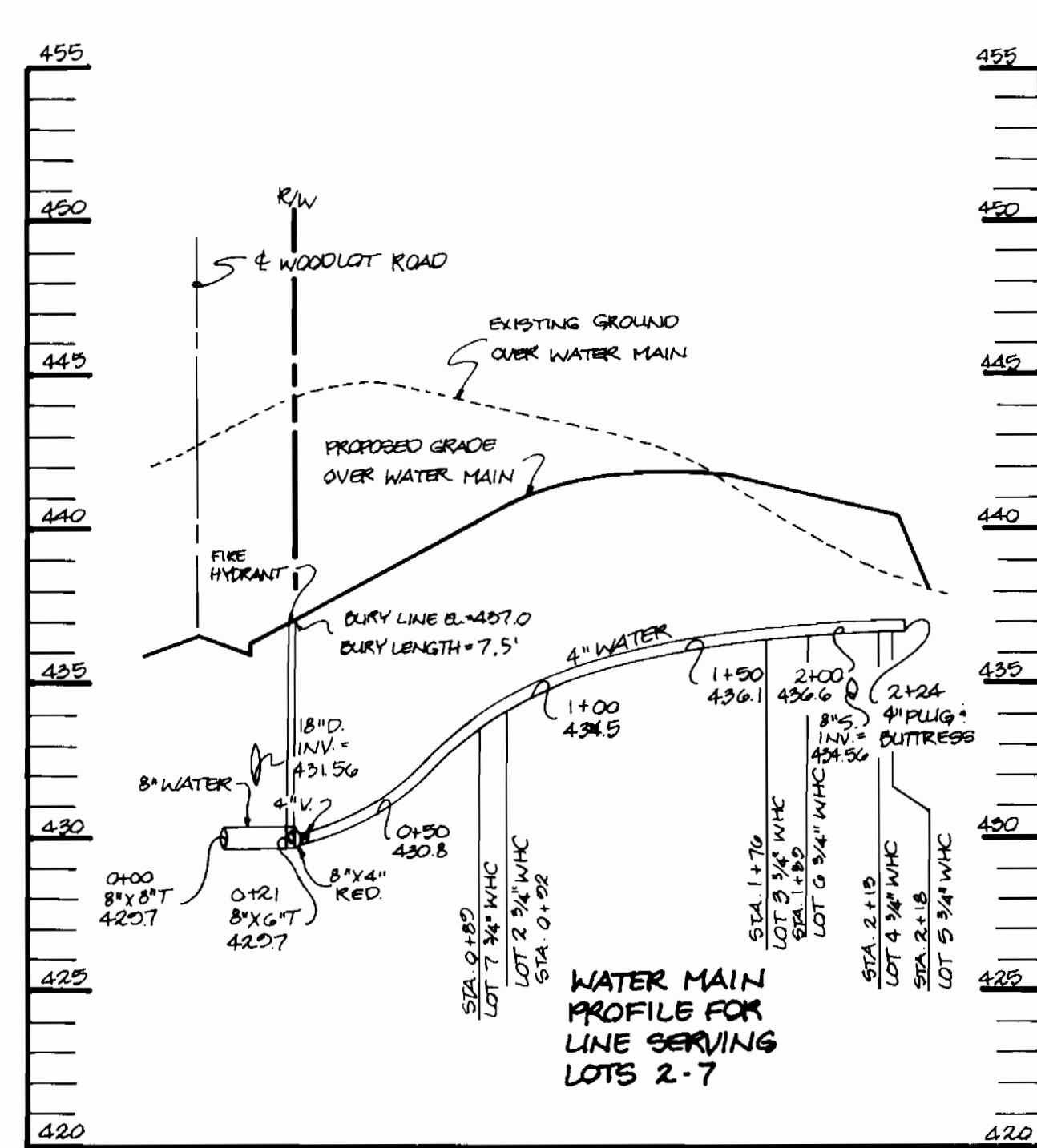
**PROFILE**  
 HOR. 1"=50'  
 VERT. 1"=5'



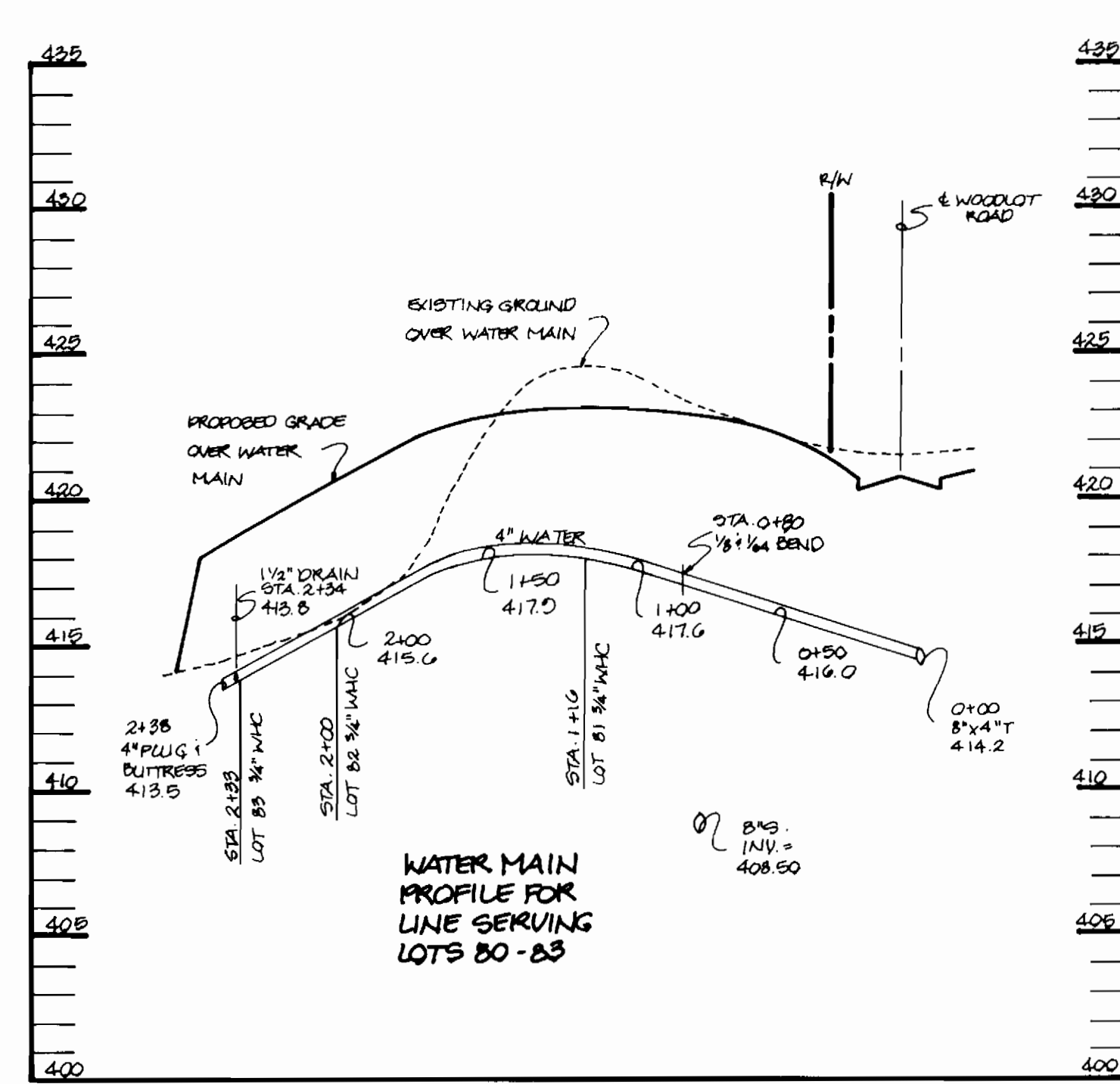
**PROFILE**  
 HOR. 1"=50'  
 VERT. 1"=5'



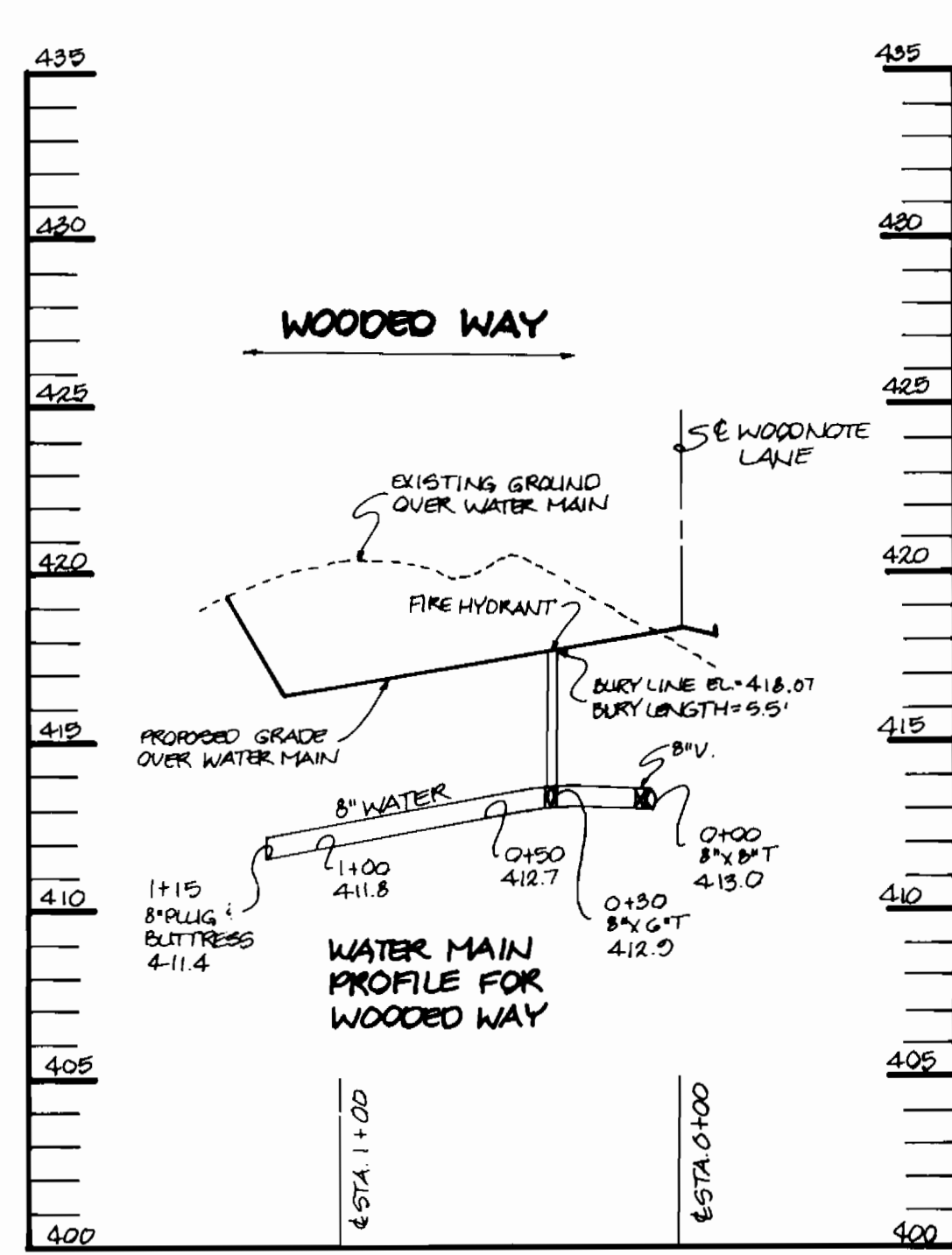
**PROFILE**  
 HOR. 1"=50'  
 VERT. 1"=5'



**PROFILE**  
 HOR. 1"=50'  
 VERT. 1"=5'



**PROFILE**  
 HOR. 1"=50'  
 VERT. 1"=5'



**PROFILE**  
 HOR. 1"=50'  
 VERT. 1"=5'

3279 ws/7 Woodlot

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

*James G. Lee* 11/2/93 *Robert M. Smith* 11/18/93  
 DIRECTOR OF PUBLIC WORKS DATE CHIEF, BUREAU OF ENGINEERING DATE

*Robert M. Smith* 10-25-93 *John J. Williams* 11/1/93  
 CHIEF, BUREAU OF UTILITIES DATE CHIEF, LAND DEVELOPMENT DATE

RIEMER MUEGGE & ASSOCIATES, INC.  
 Planners • Engineers • Surveyors  
 8818 Centre Park Drive Suite 200 Columbia, Md  
 410-997-8900 FAX: 410-997-9282

*J. K. Smith*  
 JAYKANT D. PAREKH 11/04/93

DES: J.T.D.			
DRN: J.C.O.			
CHK: D.F.			
DATE: 6-14-93			
R.C.	1	REVISED PER NEW PROFILE FOR LOTS 2-7 & PROFILE FOR WOODED WAY	3/24/94
BY	NO.	REVISION	DATE

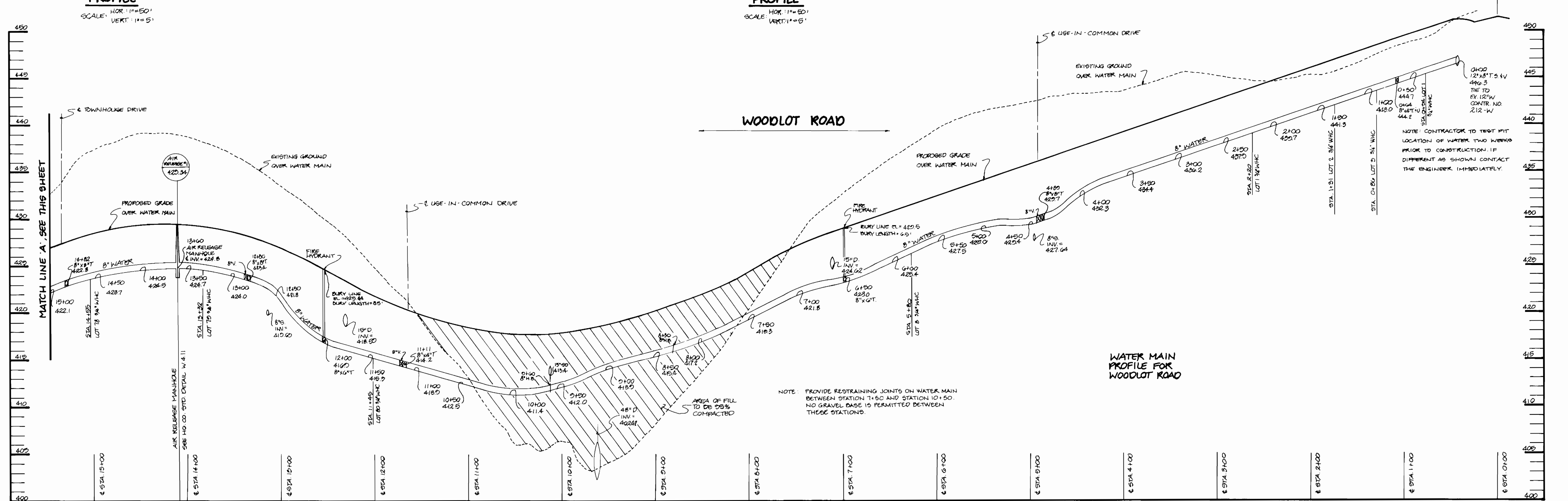
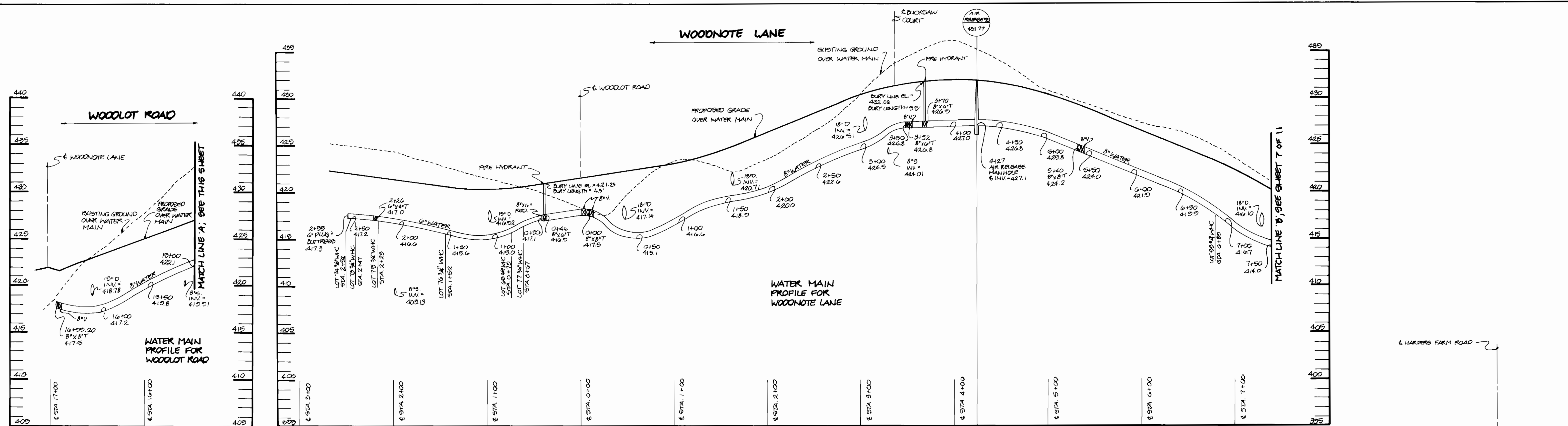
**WATER PROFILES**

60' SCALE MAP NO. 22 BLOCK NO. 22

**WOODLOT**  
 SECTION 1, LOTS 1-8 & 41-83  
 TAX MAP 29 PARCEL 365  
 5th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

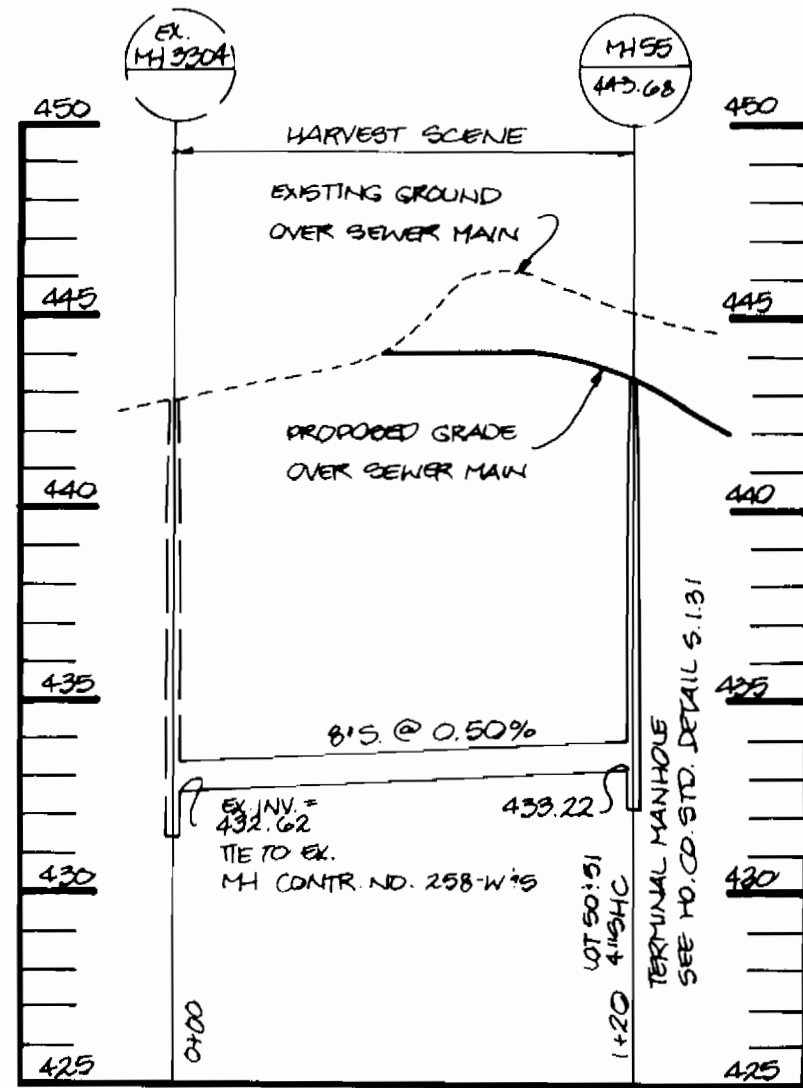
SCALE AS SHOWN  
 SHEET 7 OF 11

3274 WS/8 Woodlot



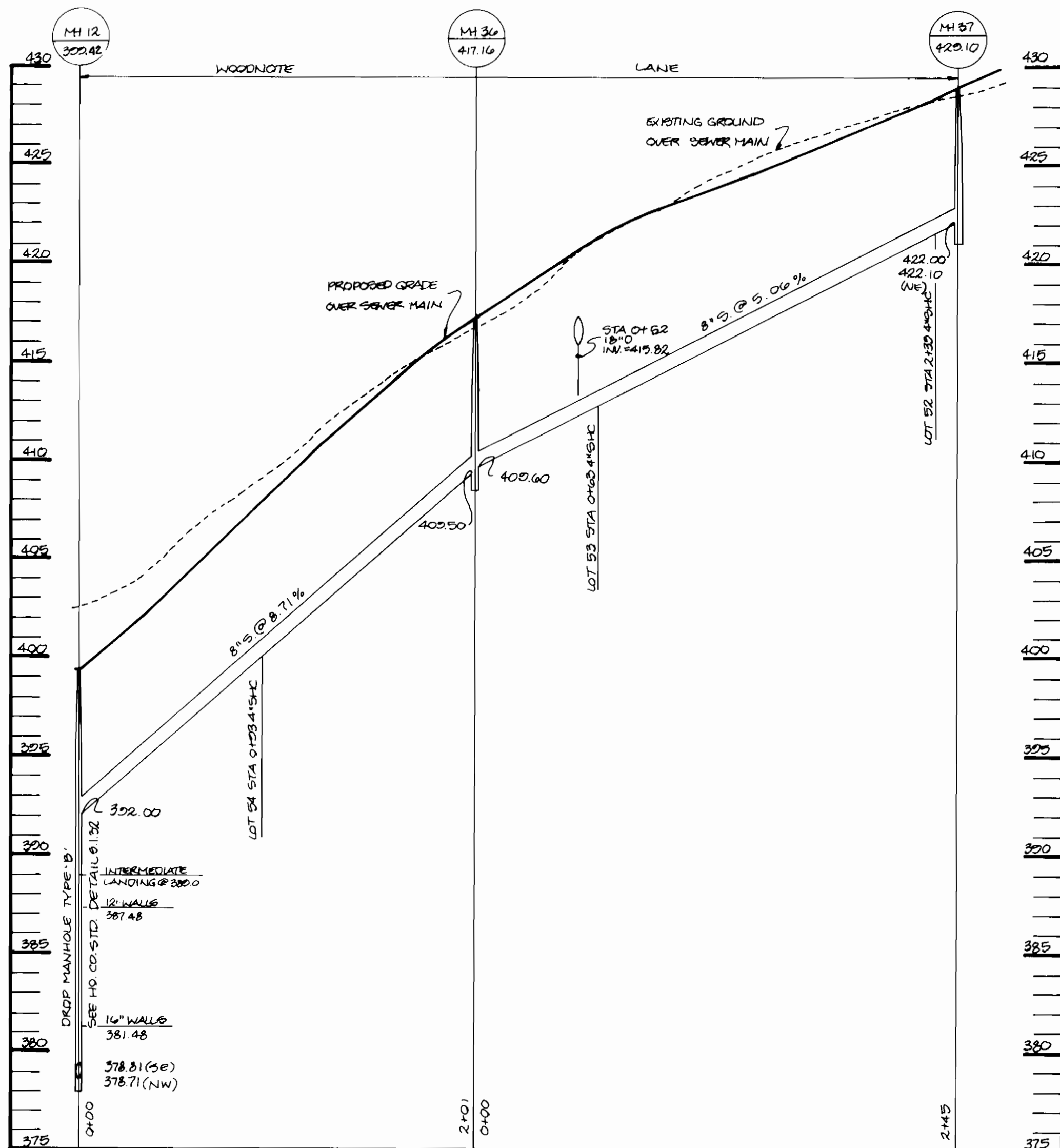
DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DIRECTOR OF PUBLIC WORKS: <i>James G. ...</i> DATE: 10-25-93 CHIEF, BUREAU OF UTILITIES: <i>Robert ...</i> DATE:		RIEMER MUEGGE & ASSOCIATES, INC. Planners • Engineers • Surveyors 8818 Centre Park Drive Suite 200 Columbia, Md 410-997-8900 FAX: 410-997-9282 J. ... JAYKANT D. PAREKH #1048		DES: J.T.D. DRN: J.C.O. CHK: D.P.F. DATE: 6-14-93		R.C. 1 BY: NO. REVISION DATE: 3/21/94 REVISED DRAWING FOR 2" E.M. ON WOODNOTE LANE PROFILE AND ONE E.M. ON WOODLOT RD.		600' SCALE MAP NO. 22 BLOCK NO. 22		WOODLOT SECTION 1, LOTS 1-8 & 41-83 TAX MAP 29 PARCEL 365 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO. 34-3279-D		SCALE AS SHOWN SHEET 8 OF 11
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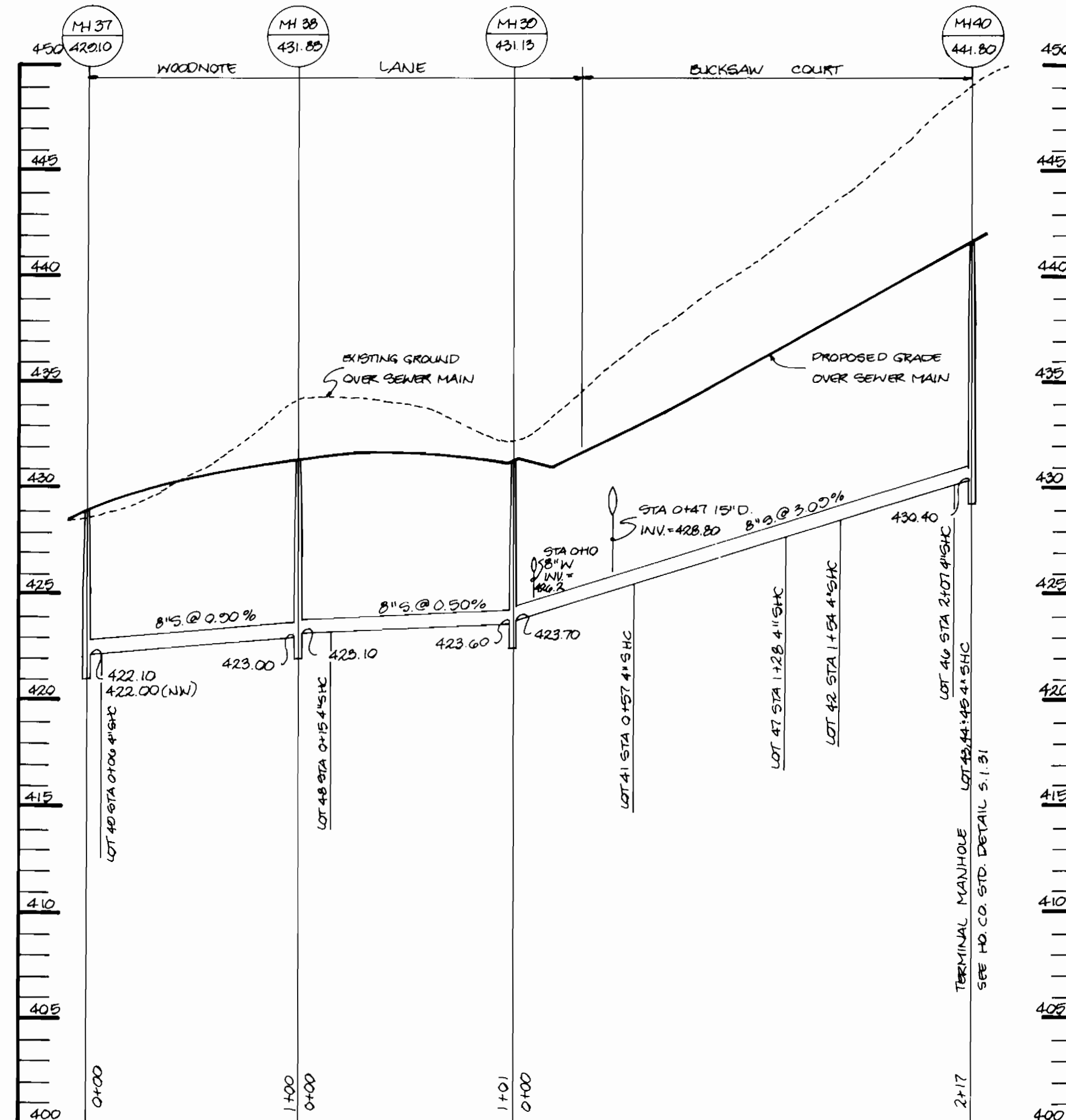


NOTE: CONTRACTOR TO TEST FIT LOCATION OF SEWER TWO WEEKS PRIOR TO CONSTRUCTION IF DIFFERENT AS SHOWN CONTACT THE ENGINEER IMMEDIATELY.

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



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



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

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*James G. ...* 11/2/93  
DIRECTOR OF PUBLIC WORKS DATE  
*Robert ...* 10-25-93  
CHIEF, BUREAU OF UTILITIES DATE

RIEMER MUEGGE & ASSOCIATES, INC.  
Planners • Engineers • Surveyors  
8818 Centre Park Drive Suite 200 Columbia, Md. 21045  
410-997-8900 FAX: 410-997-9282

*J. ...*  
JAYKANT D. BAREKH #10348

DES: J.T.D.					
DRN: J.C.O.					
CHK: D.F.					
DATE: 6-14-09	RJC	1	REVISED EL. ON MH 12	3/29/09	
	BY	NO.	REVISION	DATE	

SEWER PROFILES

600' SCALE MAP NO. 20 BLOCK NO. 22

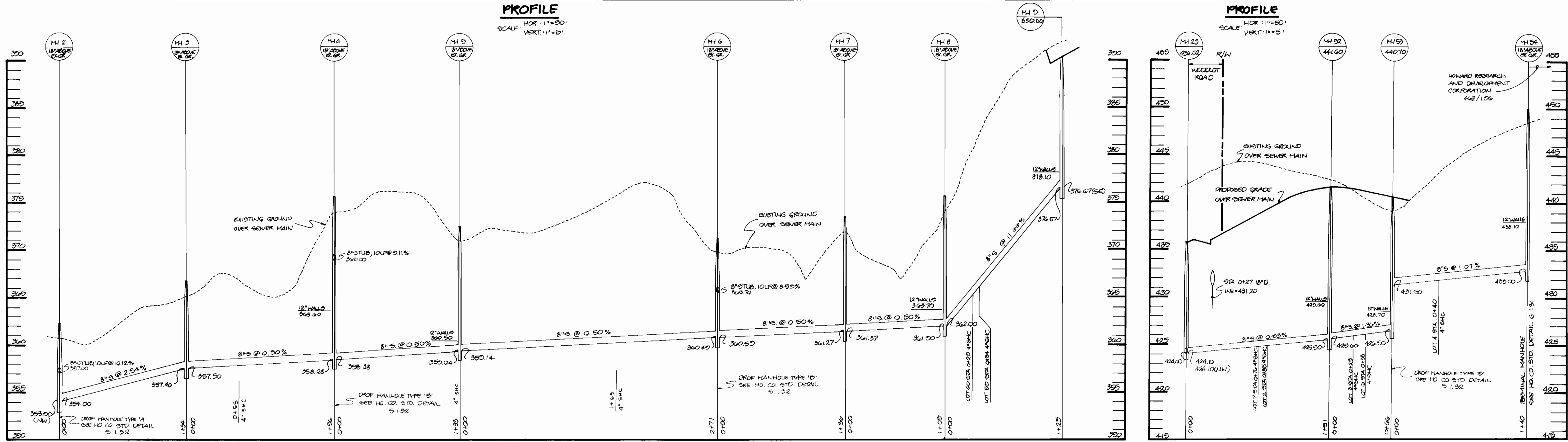
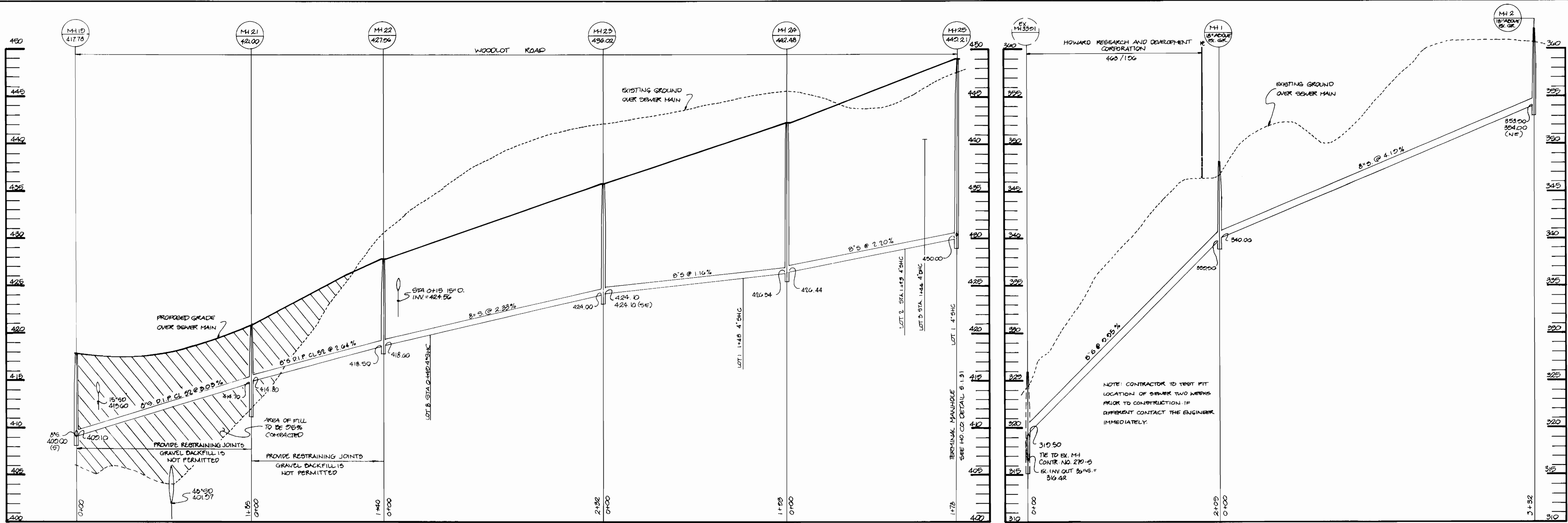
WOODLOT  
SECTION 1, LOTS 1-8 & 41-83  
TAX MAP 29 PARCEL 365  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
CONTRACT NO. 34-3279-D

SCALE AS SHOWN

SHEET 2 OF 11

3279 ws/9 Woodlot

3279 ws/10 Woodlot



DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

*James P. ...* 11/2/93  
 DIRECTOR OF PUBLIC WORKS DATE

*Edward ...* 11/15/93  
 CHIEF, BUREAU OF ENGINEERING DATE

*Robert ...* 10-25-93  
 CHIEF, BUREAU OF UTILITIES DATE

*John ...* 11/15/93  
 CHIEF, LAND DEVELOPMENT DATE

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 Planners • Engineers • Surveyors  
 8818 Centre Park Drive Suite 200 Columbia, Md. 21045  
 410-997-8900 FAX: 410-997-8282

*J. Farrell*  
 JAVKANT R. PAREKH 11/15/93

DES: J.T.D.	
DRN: J.C.O.	
CHK: D.F.	
DATE: 6-14-93	
BY: NO.	REVISION
1	Revised per MH 24. Added 3-4" S/C's from MH 9 to MH 8
	8/24/94

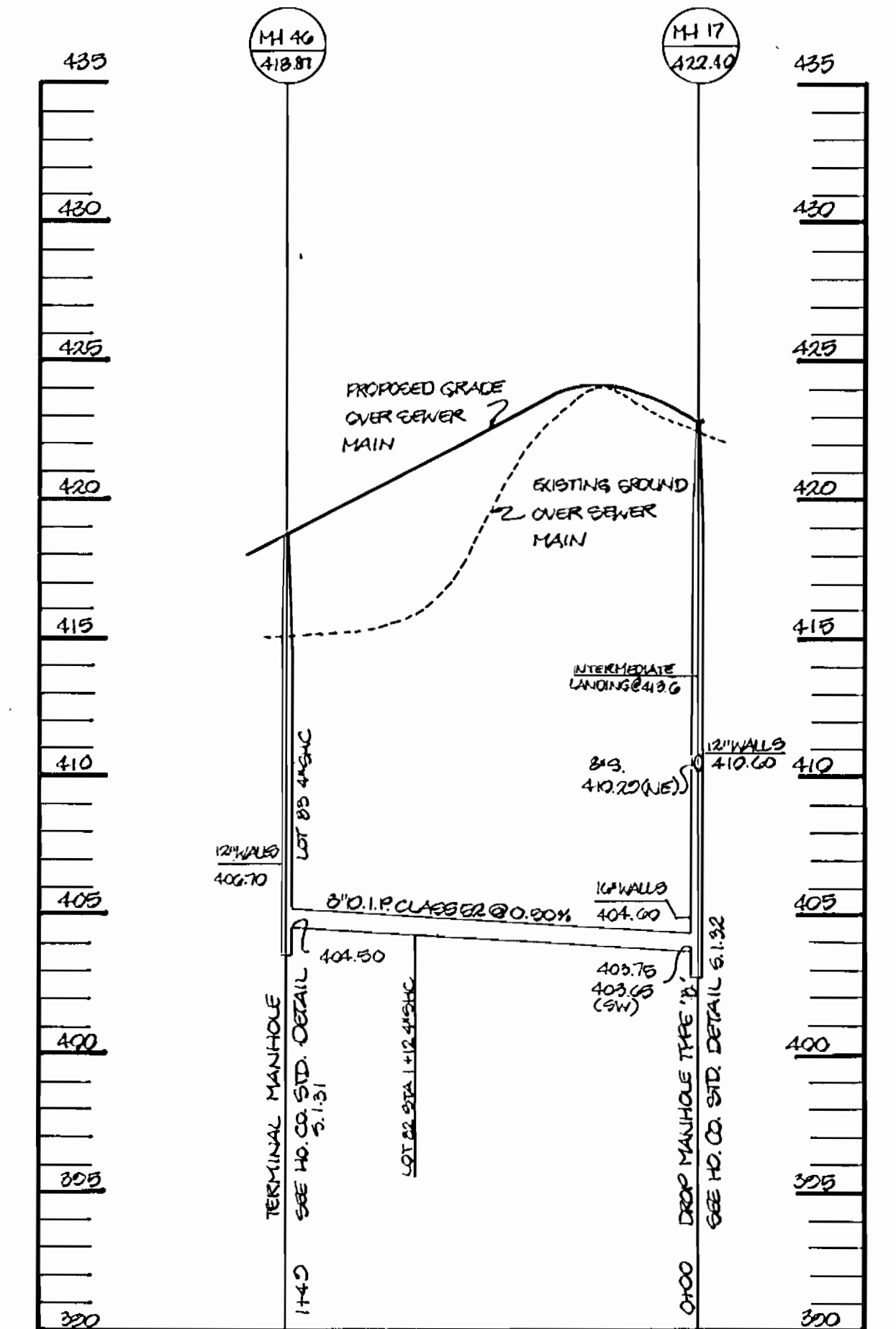
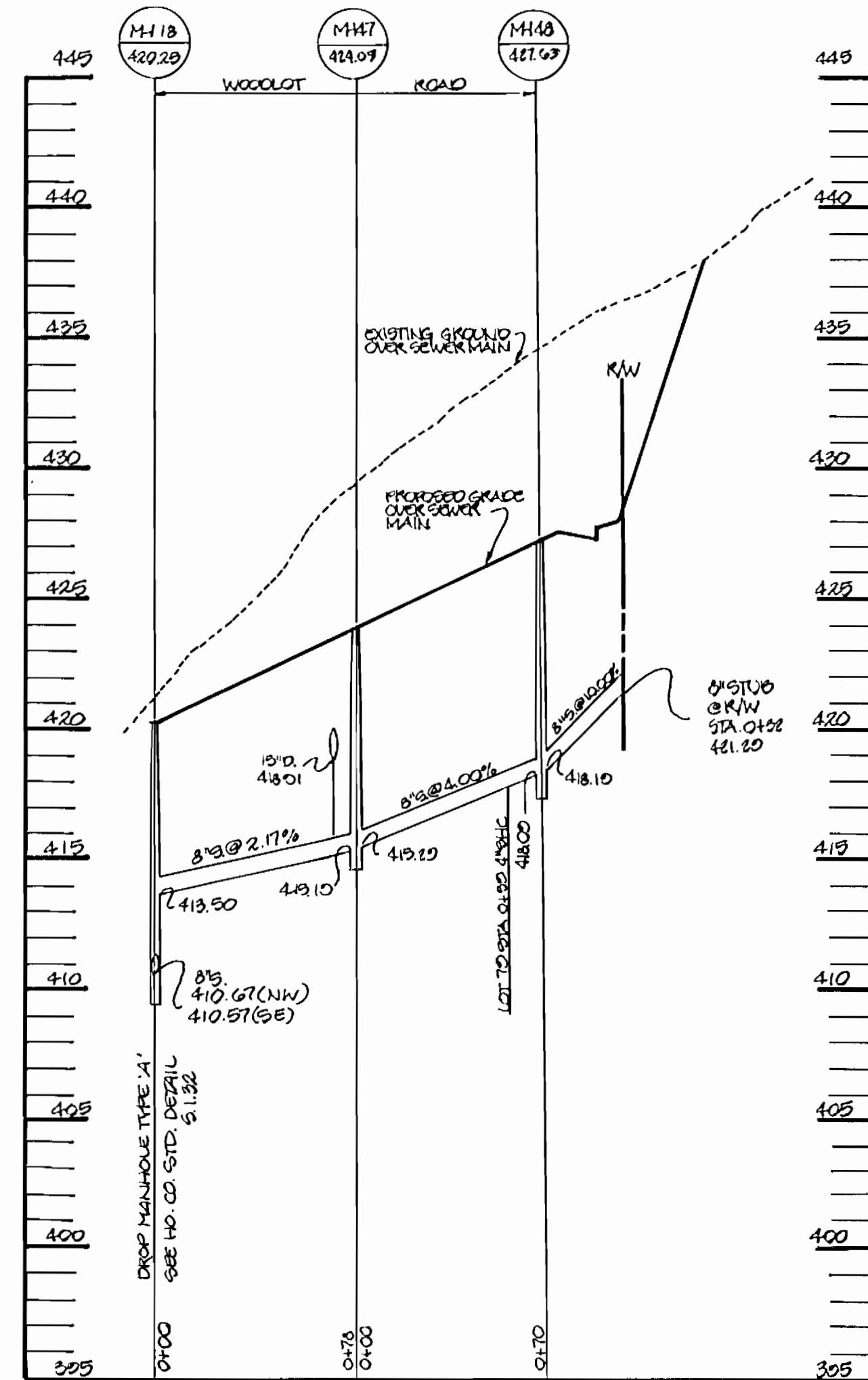
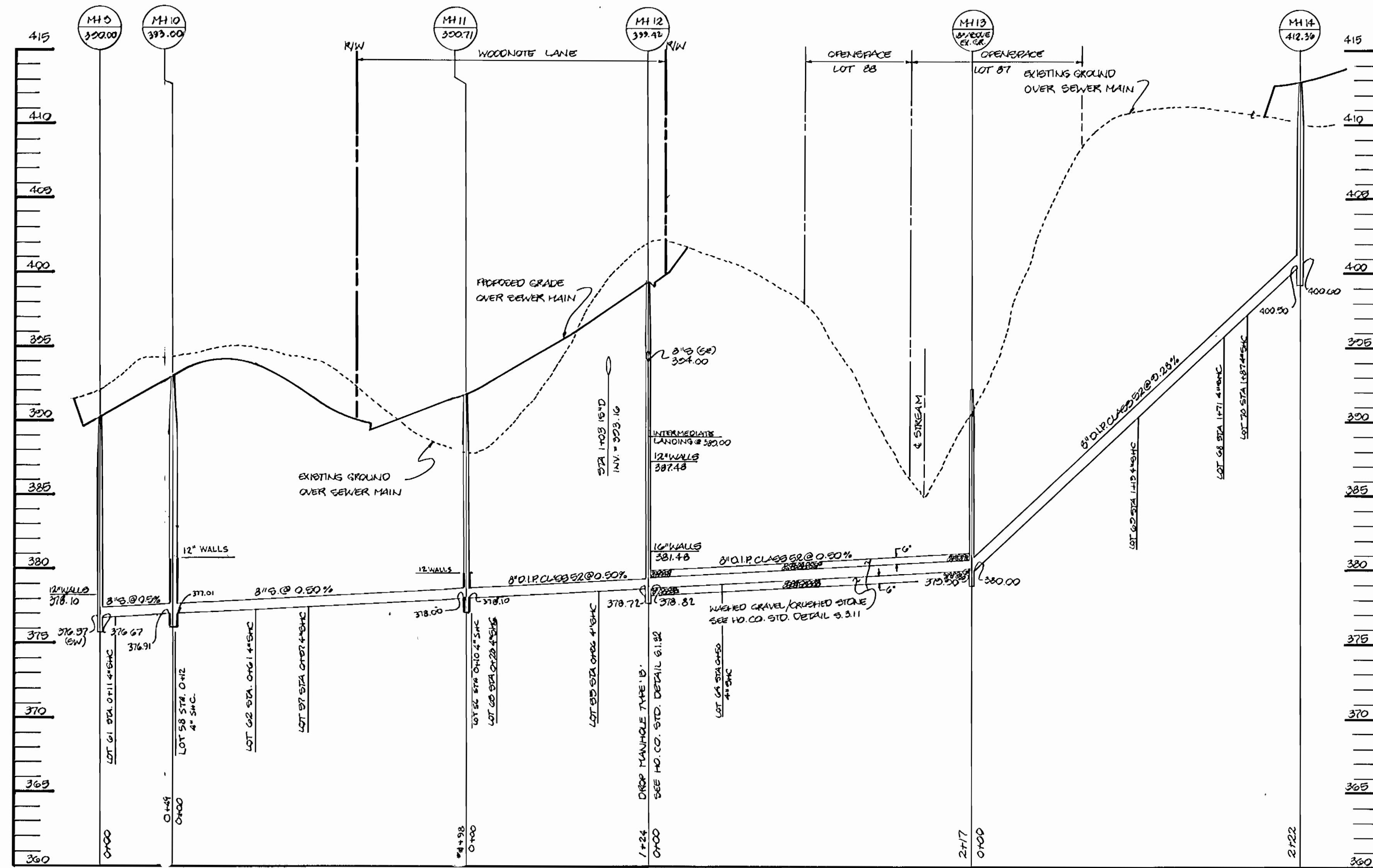
SEWER PROFILES

600' SCALE MAP NO. 29 BLOCK NO. 22

WOODLOT  
 SECTION 1, LOTS 1-8 & 41-83  
 TAX MAP 29 PARCEL 365  
 5th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 CONTRACT NO. 34-3279-D

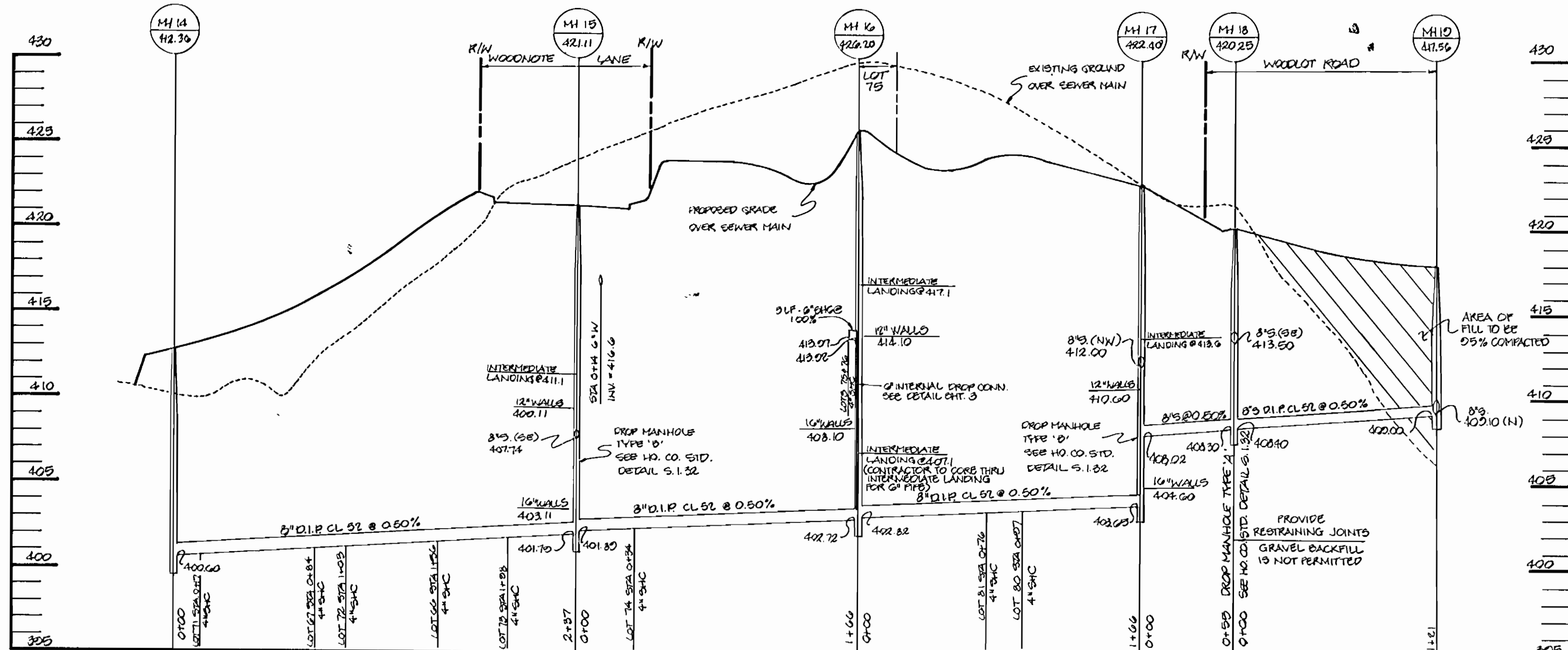
SCALE AS SHOWN  
 SHEET 12 OF 11

AS - BUILT



PROFILE

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

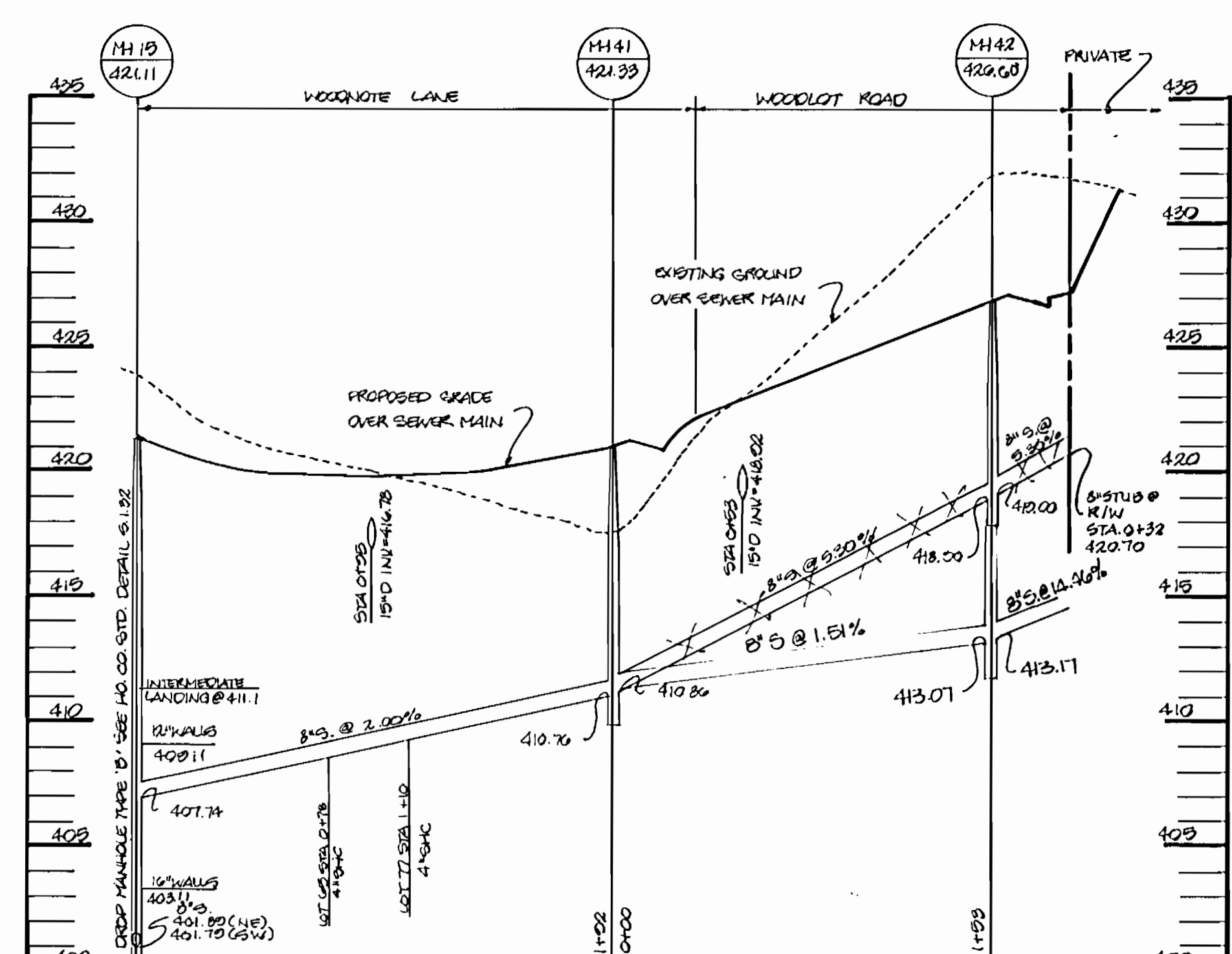


PROFILE

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

PROFILE

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



PROFILE

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

SEWER AS - BUILTS

3279 WS/11 Woodlot

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*Laura Melvin* 11/19/93  
DIRECTOR OF PUBLIC WORKS DATE

*C. Edward Roberts* 11/19/93  
CHIEF, BUREAU OF ENGINEERING DATE

RIEMER MUEGGE & ASSOCIATES, INC.  
Planners Engineers Surveyors  
8818 Centre Park Drive - Suite 200 - Columbia, Md. 21045  
410-997-8900 FAX: 410-997-9282

*J. Sarkis*  
JAYKANT D. PAREKH #1048

DES: J.T.D.

DRN: J.C.O.

CHK: C.F.

DATE: 6-14-93

NO.	BY	NO.	REVISION	DATE
1	RJC	1	REV. LOC. OF MH 10 FILL, 45' E.C.'S FOR MH 14, 47, 48, 50, 51, 5, 8, 11, 6	12-14-92
2	WAD	2	ADDED 8" INTERNAL DROP TO MH 10	12-14-92

SEWER PROFILES

600' SCALE MAP NO. 22 BLOCK NO. 22

WOODLOT  
SECTION I, LOTS 1-8 & 41-83  
TAX MAP 29 PARCEL 365  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
CONTRACT NO. 34-3279-D

SCALE AS SHOWN

SHEET 11 OF 11

AS - BUILT



3279 r/s Pos Sht #2



29-503.750/828.750