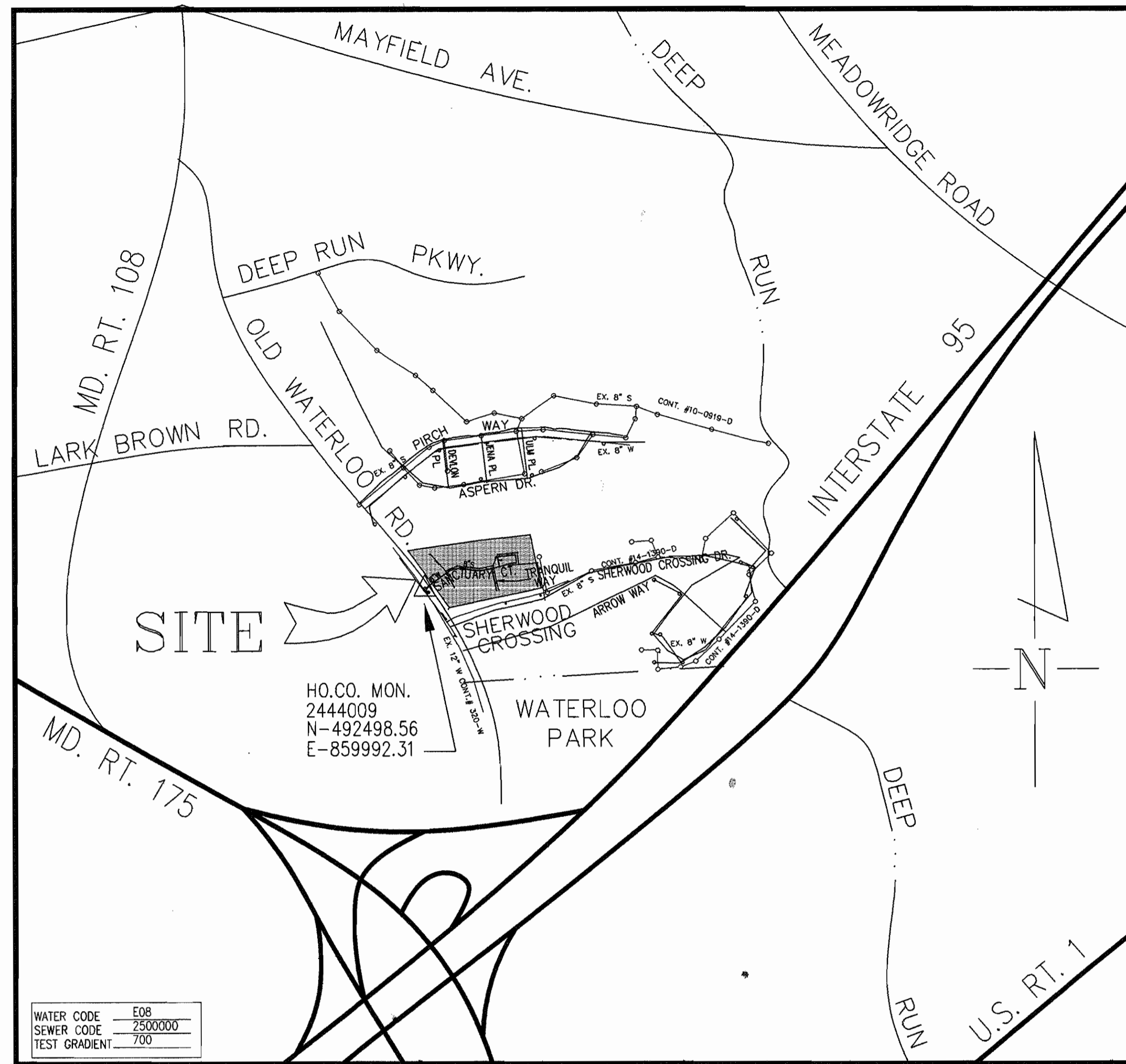


ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
8" SEWER MAIN	1,236 L.F.			
4" SAN. HSE. CONN.	1,066 L.F.			
4" SAN. STANDPIPE	58 EA.			
4" TYPE "A" D.H.C.	-			
4'-0" DIA. MH	-			
4'-0" DIA. MH OVER 6' DEPTH	11 EA.			
4" TYPE "A" DROP CONN.	-			
8" WATER MAIN	588 L.F.			
6" WATER MAIN	580 L.F.			
3/4" W.H.C.	770 L.F.			
FIRE HYDRANT	2 EA.			
6" VALVE	2 EA.			
8" VALVE	4 EA.			
1" AIR RELEASE MH	1 EA.			
1 1/2" DRAIN MH	1 EA.			

MANHOLE TABLE		
MANHOLE NUMBER	LOCATION	
	NORTHING	EASTING
MH - 1	492873.081	860537.402
MH - 2	493040.009	860524.276
MH - 3	493048.480	860388.214
MH - 4	493049.775	860322.902
MH - 5	493132.463	860389.879
MH - 6	493135.153	860227.693
MH - 7	493063.901	860213.502
MH - 8	493056.319	860117.152
MH - 9	493097.281	859961.413
MH - 10	493072.582	859877.951
MH - 11	492953.233	859921.289
MH - 12	493263.236	859788.083
MH - 13	492888.889	860227.693

SEDIMENT CONTROL NOTES

- FOR SEDIMENT CONTROL FOR THIS CONTRACT, SEE THE APPROVED ROAD CONSTRUCTION PLANS REF. # F- 97-160
- MATERIALS FROM TRENCH EXCAVATION MUST BE PLACED ON UPHILL SIDE TRENCH.
- CONTRACTOR MUST BACKFILL, COMPACT AND STABILIZE TRENCHES IMMEDIATELY AFTER INSTALLATION OF PIPE. NO TRENCH WILL BE LEFT OPEN AT THE END OF EACH DAY, EXCEPT THAT PORTION WHERE WORK HAS STOPPED.
- ANY SEDIMENT CONTROL FACILITIES ENCOUNTERED DURING PIPE CONSTRUCTION TO BE RETURNED TO THE ORIGINAL CONDITION IMMEDIATELY UPON COMPLETION OF THAT PORTION OF WORK.
- SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY STANDARD SPECIFICATION AND AS PER ROAD CONSTRUCTION PLANS F- 97-160



WATER CODE	E08
SEWER CODE	2500000
TEST GRADIENT	700

TYPE OF BUILDING	SFA & SFD
No. OF LOTS/PARCELS	58
No. OF WATER HOUSE CONNECTIONS	55
No. OF SEWER HOUSE CONNECTIONS	58
DRAINAGE AREA	DEEP RUN
TREATMENT PLANT	PWWTP

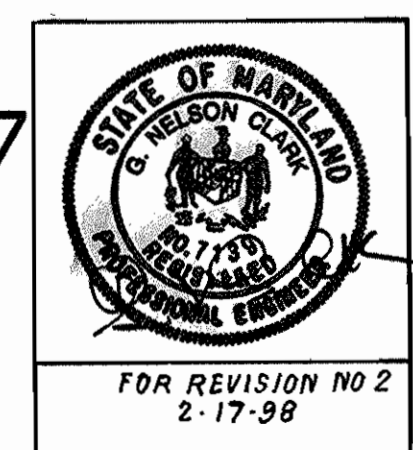
VICINITY MAP
SCALE: 1" = 600'

GENERAL NOTES:

- Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the contractor's expense.
- All horizontal controls are based on Maryland State Coordinates. [North American Datum of 1983 (NAD '83)].
- All vertical controls are based on U.S.G.S. data.
- All pipe elevations shown are invert elevations.
- Clear all utilities by a minimum of 6'. Clear all poles by 2'-0" minimum or tunnel as required. The owner has contracted the utility companies and has arrangements for bracing of the poles as shown on the drawings. In the event the contractor's works requires the bracing of additional poles, any cost incurred by the owner for bracing of additional poles or damages shall be deducted from money owed the contractor. The contractor shall coordinate with the utility companies to schedule the bracing of the poles.
- For details not shown on the drawings, and for materials and construction methods use Howard County Design Manual, Volume IV, Standard Specifications and Details for Construction (Latest Edition). The contractor shall have a copy of Volume IV on the job.
- Where test pits have been made on existing utilities, they are noted by the symbols at the location of the test pit. A note of notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the contractor two weeks in advance of construction operations at his own expense.
- Contractors shall notify the following utility companies or agencies at least five working days before starting work shown on these plans:
 - State Highways Administration 531-5533
 - B&E Co. Contractors Services 850-4620
 - B&E Co. Under Ground Damage Control 787-9066
 - Miss Utility 1-800-257-7777
 - Colonial Pipeline Co. 795-1390
 - Howard County Department of Public Works Bureau of Utilities 313-4900
- Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be removed or damaged by the contractor.
- Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of main.
- All water mains to be D.I.P. Class 52 unless otherwise noted.
- Tops of all water mains to have a minimum of 3-1/2' cover unless otherwise noted.
- Valves adjacent to tees shall be strapped to tees.
- All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
- Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be restrained and buttressed with concrete in accordance with Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of the Standard Specifications.
- The contractor shall not operate any water main valves on the existing water system.
- All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.
- For sprinkler system for all townhomes or multi-family dwelling units should have a minimum of 1' connection with a 3/4" meter.
- All sewer mains shall be DIP and P.V.C. unless otherwise noted.
- All manholes shall be 4'-0" inside diameter unless otherwise noted.
- Force mains shall be D.I.P. only.
- Manholes shown with 12" and 16" walls are for brick manholes only.
- Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G5.52.
- Where watertight manhole frame and cover is used, set top of frame 1"-6" above finished grade unless otherwise noted on the drawings.
- House(s) with the symbol "C.N.S." indicates that cellar cannot be served.
- The contractor shall notify the bureau of Highways, Howard County, at (410) 313-2450 at least five (5) working days before any open cut of any County road or boring/jacking operation in County roads for laying water/sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirements per Section 18.114(a) of the Howard County Code.

WATER AND SEWER CONSTRUCTION DRAWINGS
THE SANCTUARY
LOTS 1-61

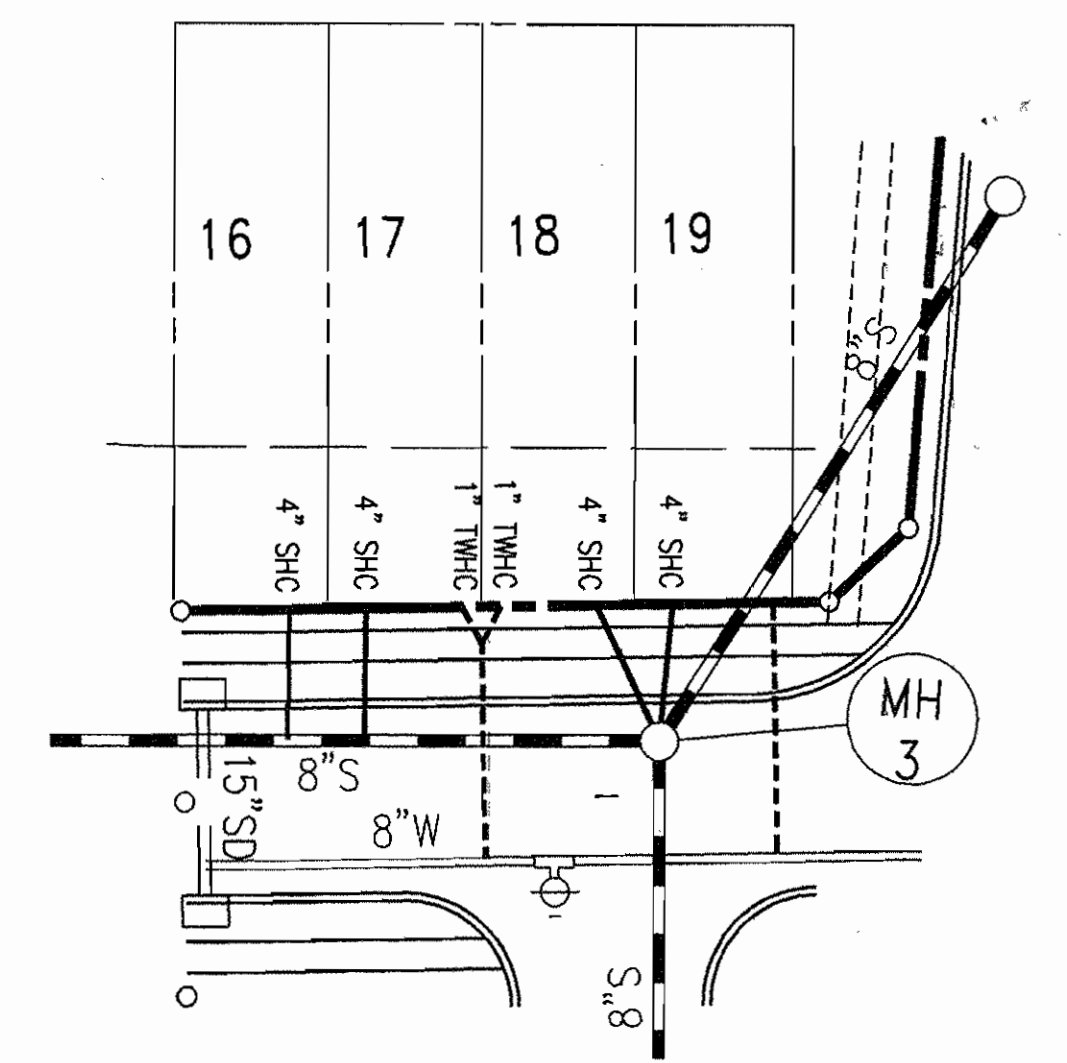
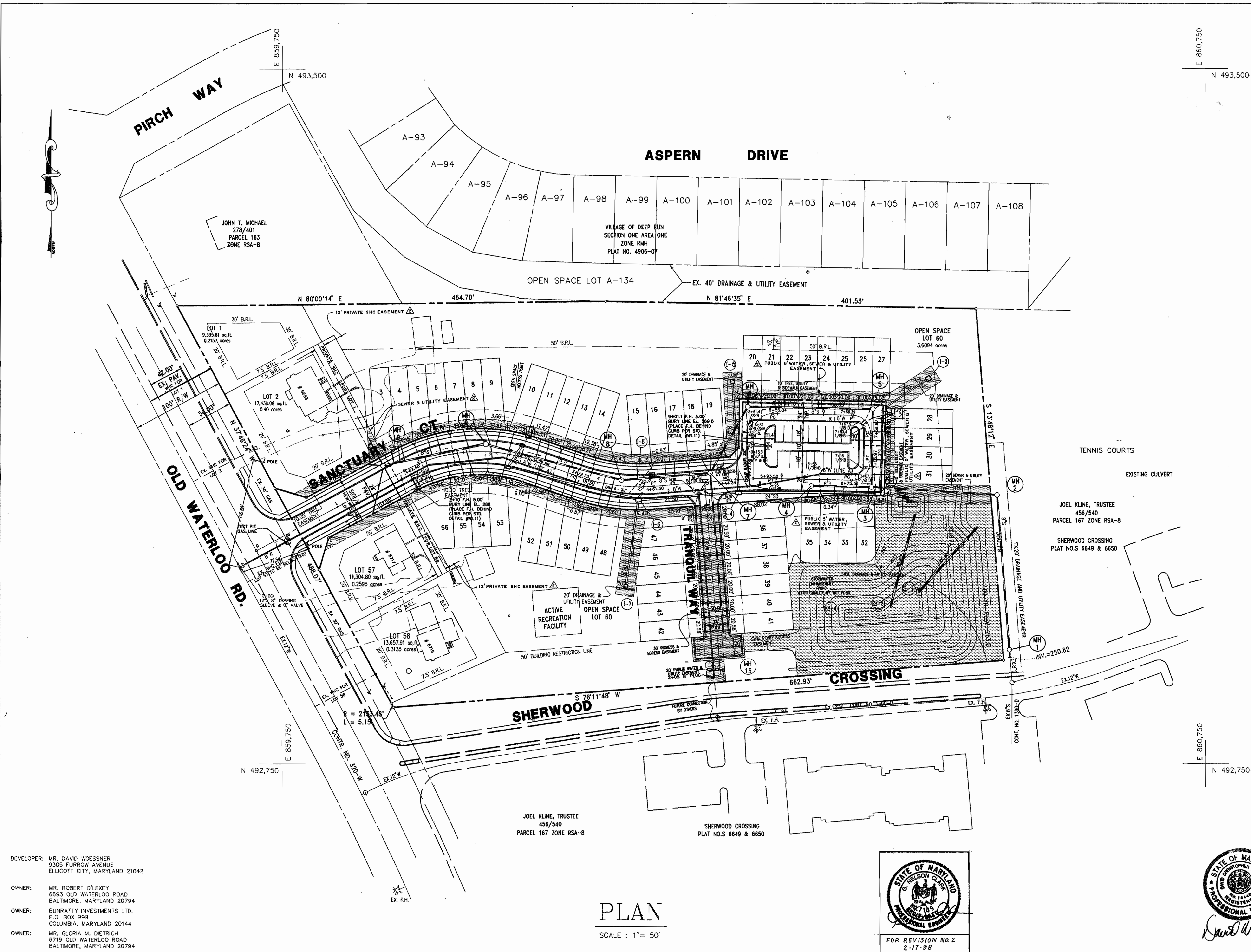
A SUBDIVISION OF PARCEL 164, 165, 166, 564, 565, AND 566
CONTRACT NO.14-3623-D
1st ELECTION DISTRICT TAX MAP 37
HOWARD COUNTY, MARYLAND



REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
Clayd Simmons 7/8/97
U.S. NATURAL RESOURCES CONSERVATION SERVICE DATE
John K. Robinson 7/8/97
HOWARD SOIL CONSERVATION DISTRICT DATE

DEVELOPER: MR. DAVID WOESSNER
9305 FURROW AVENUE
ELLCOTT CITY, MARYLAND 21042
OWNER: MR. ROBERT O'LEXY
6693 OLD WATERLOO ROAD
BALTIMORE, MARYLAND 20794
OWNER: BUNRATTY INVESTMENTS LTD.
P.O. BOX 999
COLUMBIA, MARYLAND 20144
OWNER: MR. GLORIA M. DIETRICH
6719 OLD WATERLOO ROAD
BALTIMORE, MARYLAND 20794

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND.	DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND.	PREPARED BY: AMERICAN LAND DEVELOPMENT AND ENGINEERING INC. CIVIL ENGINEERING CONSULTANTS AND LAND PLANNER	DES: D.C.W. DRN: AVG CHK: J.H.E. DATE: 6-15-97	OF 3 2 Eliminated MH's 11 and 12 AND Revised QUANTITIES 2-17-98	FOR REVISION NO 2 2-17-98	WATER AND SEWER MAIN PLAN	THE SANCTUARY LOTS 1-61 A SUBDIVISION OF PARCEL 164, 165, 166, 564, 565, AND 566 CONTRACT NO.14-3623-D 1st ELECTION DISTRICT TAX MAP 37 HOWARD COUNTY, MARYLAND	SCALE AS SHOWN
<i>Robert A. Bassinger</i> July 3, 1997 CHIEF, BUREAU OF UTILITIES DATE	<i>John D. Robinson</i> 7/1/97 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE	671-A MAIN STREET LAUREL, MD. 20707 BALT. (410) 880-3039 WASH. (301) 953-1221	BY NO. REVISION DATE	600'SCALE MAP NO. 37 BLOCK NO. 21			SHEET 1 OF 3	



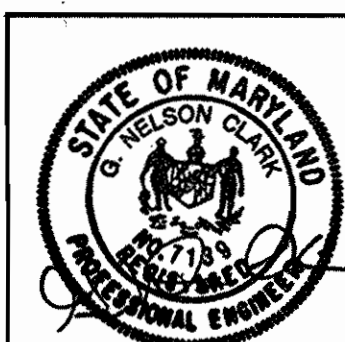
TYPICAL WHC AND SHC LAYOUT

LOT No.	STATION	INV. @ P
MH12 INV 283.28		
LOT 1	1+58	283.48
LOT 2	1+03	282.15
LOT 3	0+60	281.00
MH10 INV 279.28		
LOT 4	0+80	279.24
LOT 5	0+50	276.29
LOT 6	0+40	275.29
LOT 7	0+10	272.17
LOT 8	0+00	271.11
MH9 INV 270.81		
LOT 9	1+40	270.11
LOT 10	1+26	269.47
LOT 11	0+96	268.00
LOT 12	0+85	267.45
LOT 13	0+55	265.95
LOT 14	0+45	265.44
MH8 INV 262.92		
LOT 15	0+78	262.37
LOT 16	0+48	261.04
LOT 17	0+38	260.60
LOT 18	0+00	258.91
LOT 19	0+00	258.91
MH7 INV 258.57		
MH6 INV 257.75		
LOT 20	1+41	257.91
LOT 21	1+10	257.83
LOT 22	1+00	257.73
LOT 23	0+70	257.43
LOT 24	0+60	257.33
LOT 25	0+30	257.03
LOT 26	0+20	256.93
LOT 27	0+00	256.81
MH5 INV 256.35		
LOT 28	0+70	256.49
LOT 29	0+60	256.39
LOT 30	0+30	256.09
LOT 31	0+20	255.99
MH5 INV 255.51		
LOT 32	0+15	256.11
LOT 33	0+35	256.68
LOT 34	0+45	257.02
LOT 35	0+45	259.91
MH4 INV 259.67		
MH7 INV 258.57		
LOT 36	0+60	259.33
LOT 37	0+90	259.63
LOT 38	1+00	259.73
LOT 39	1+30	260.03
LOT 40	1+40	260.13
LOT 41	1+70	260.43
MH13 INV 260.35		
LOT 42	0+60	261.39
LOT 43	0+90	261.69
LOT 44	1+00	261.79
LOT 45	1+30	262.09
LOT 46	1+40	262.19
LOT 47	1+70	262.49
MH7 INV 258.57		
MH8 INV 262.92		
LOT 48	0+08	263.97
LOT 49	0+18	264.48
LOT 50	0+48	265.91
LOT 51	0+58	266.37
LOT 52	0+88	267.79
LOT 53	1+26	269.63
MH9 INV 270.81		
LOT 54	0+15	272.96
LOT 55	0+25	273.92
LOT 56	0+60	277.39
MH10 INV 279.74		
LOT 57	0+88	280.82
LOT 58	1+28	280.88
LOT 59	1+28	280.88
MH11 INV 280.68		

* INVERTS TAKEN FROM EASEMENT LINE

PLAN

SCALE: 1" = 50'



FOR REVISION No 2
2-17-98

DEVELOPER: MR. DAVID WOSSNER
9305 FURROW AVENUE
ELLICOTT CITY, MARYLAND 21042

OWNER: MR. ROBERT O'LEXY
6633 OLD WATERLOO ROAD
BALTIMORE, MARYLAND 20794

OWNER: SUNRATTY INVESTMENTS LTD.
P.O. BOX 999
COLUMBIA, MARYLAND 20144

OWNER: MR. GLORIA M. DIETRICH
5719 OLD WATERLOO ROAD
BALTIMORE, MARYLAND 20794

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND.

PREPARED BY:
AMERICAN LAND DEVELOPMENT AND ENGINEERING INC.
CIVIL ENGINEERING CONSULTANTS
AND LAND PLANNER

671-A MAIN STREET
LAUREL, MD. 20707

BALT. (410) 880-3039
WASH. (301) 953-1221

DATE: 6-16-97

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND.

CHIEF, BUREAU OF UTILITIES

DATE: July 3, 1992

DES : D.C.W.	GF 1 S 2	Eliminated MHs 11 and 12. And 8" S between MH 10 11 and 10 12	2-17-98
DRN : AVG	GF 1 S 2	Revised 8" S between MHs 3 & 10. Added Public Water Sewer and Utility Easement to Lots 20 through 35	2-17-98
CHK : J.H.E.			
DATE : 6-16-97	BY NO.	REVISION	DATE

WATER AND SEWER
MAIN PLAN

600'SCALE MAP NO. 37 BLOCK NO. 21

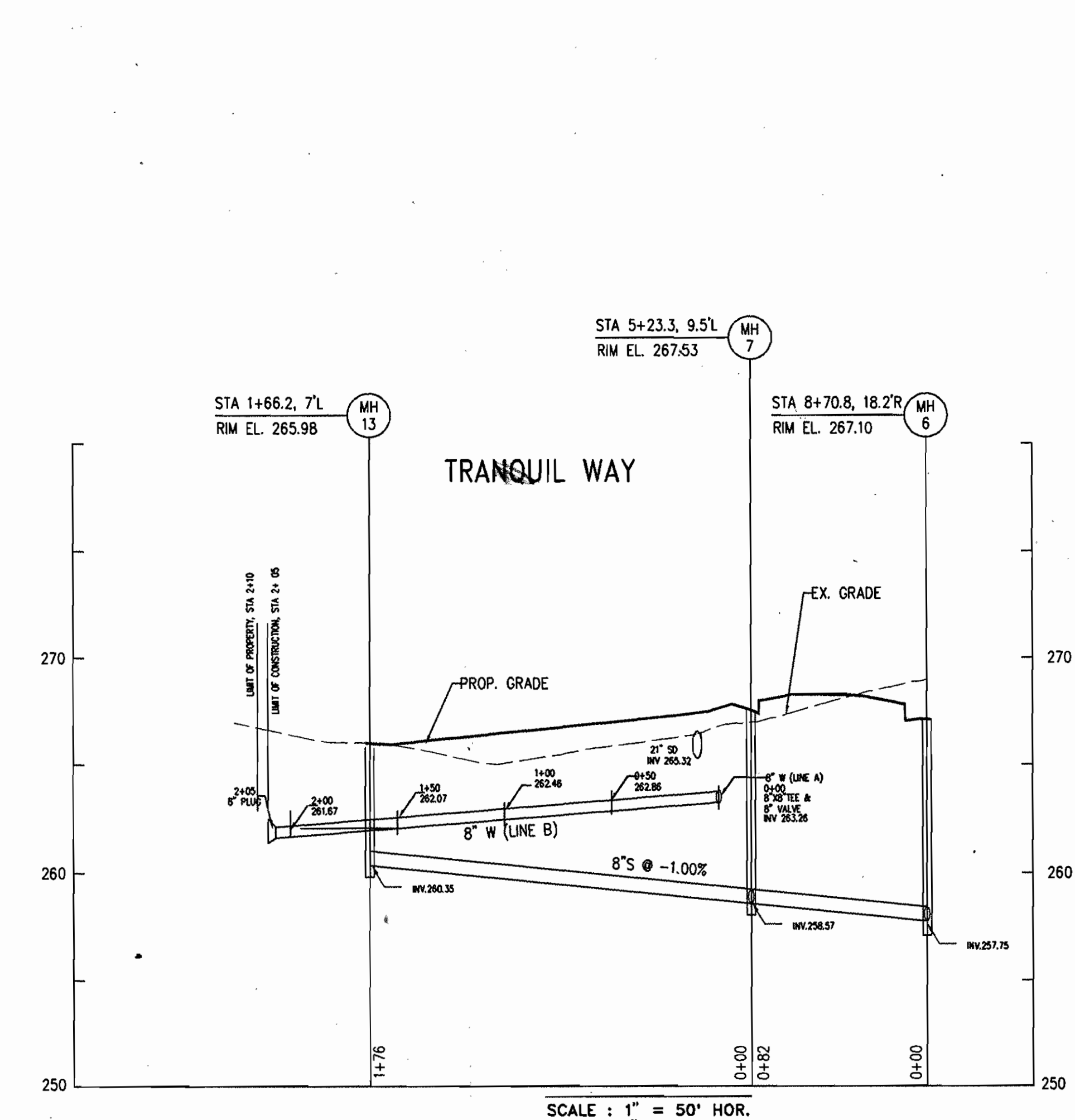
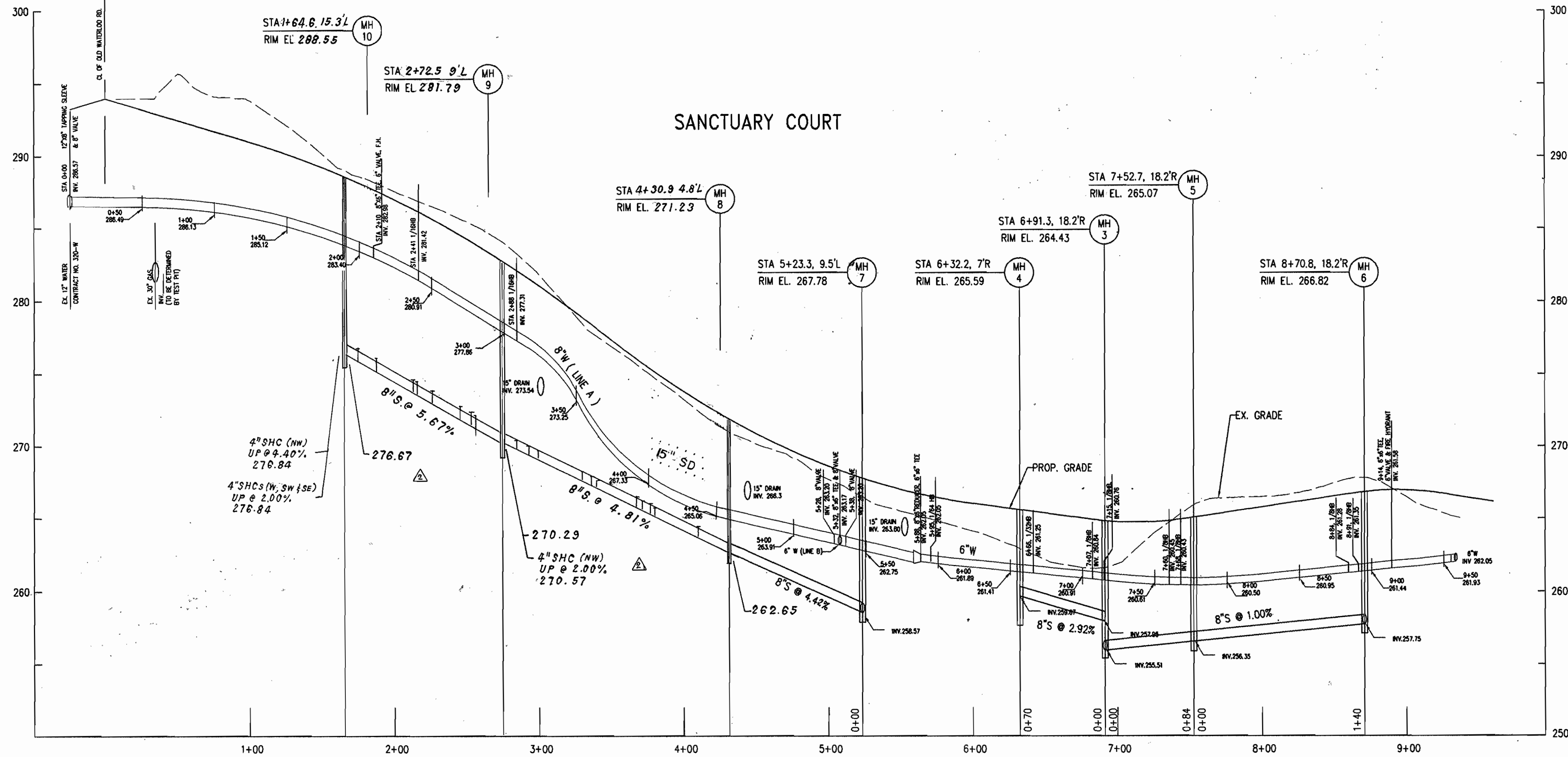


FOR REVISION No 2
2-17-98

THE SANCTUARY
LOTS 1-61
A SUBDIVISION OF PARCEL 164, 165, 166, 564, 565, AND 566
CONTRACT NO. 14-3623-D
1st ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

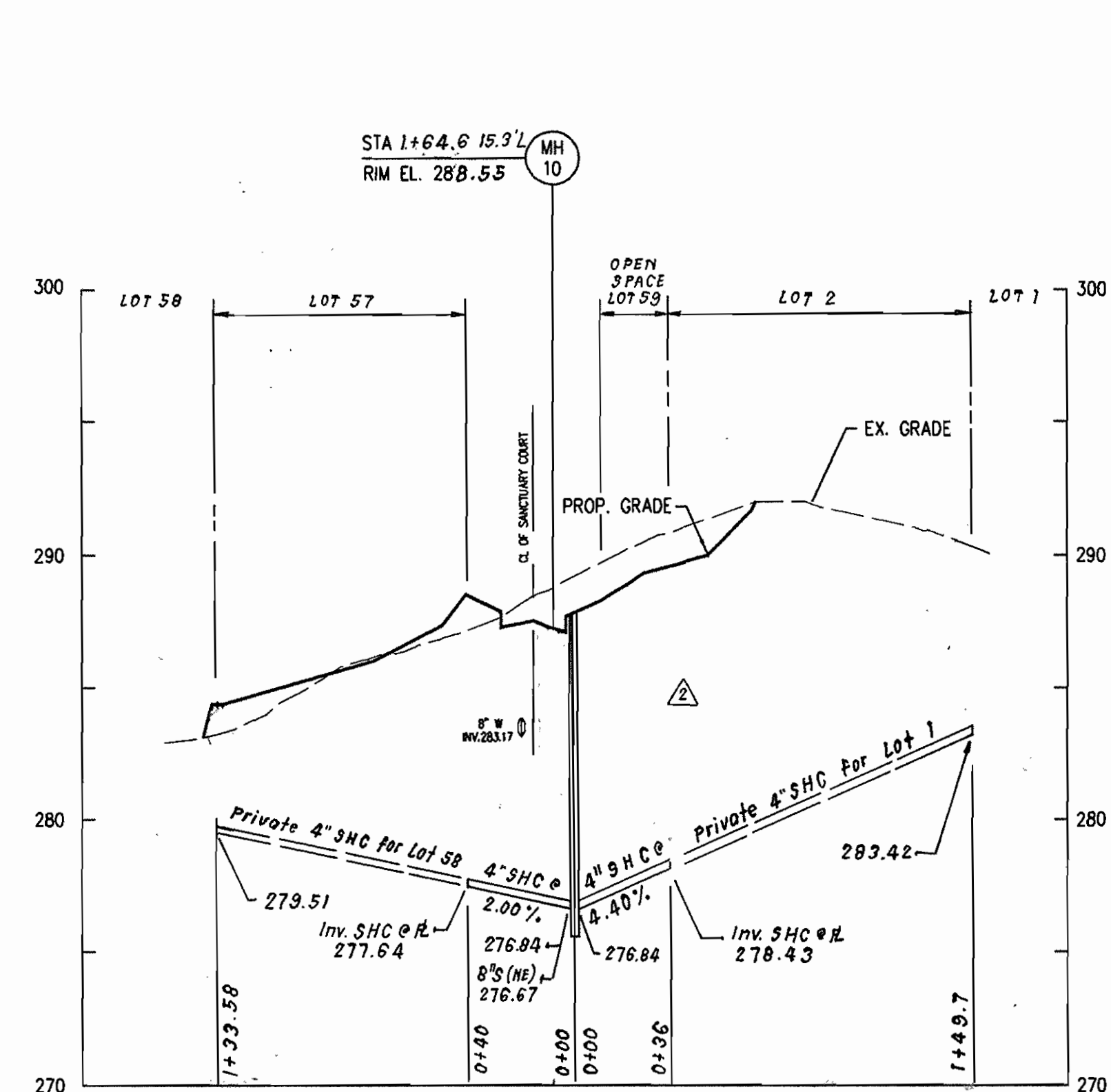
SHEET 2 OF 3



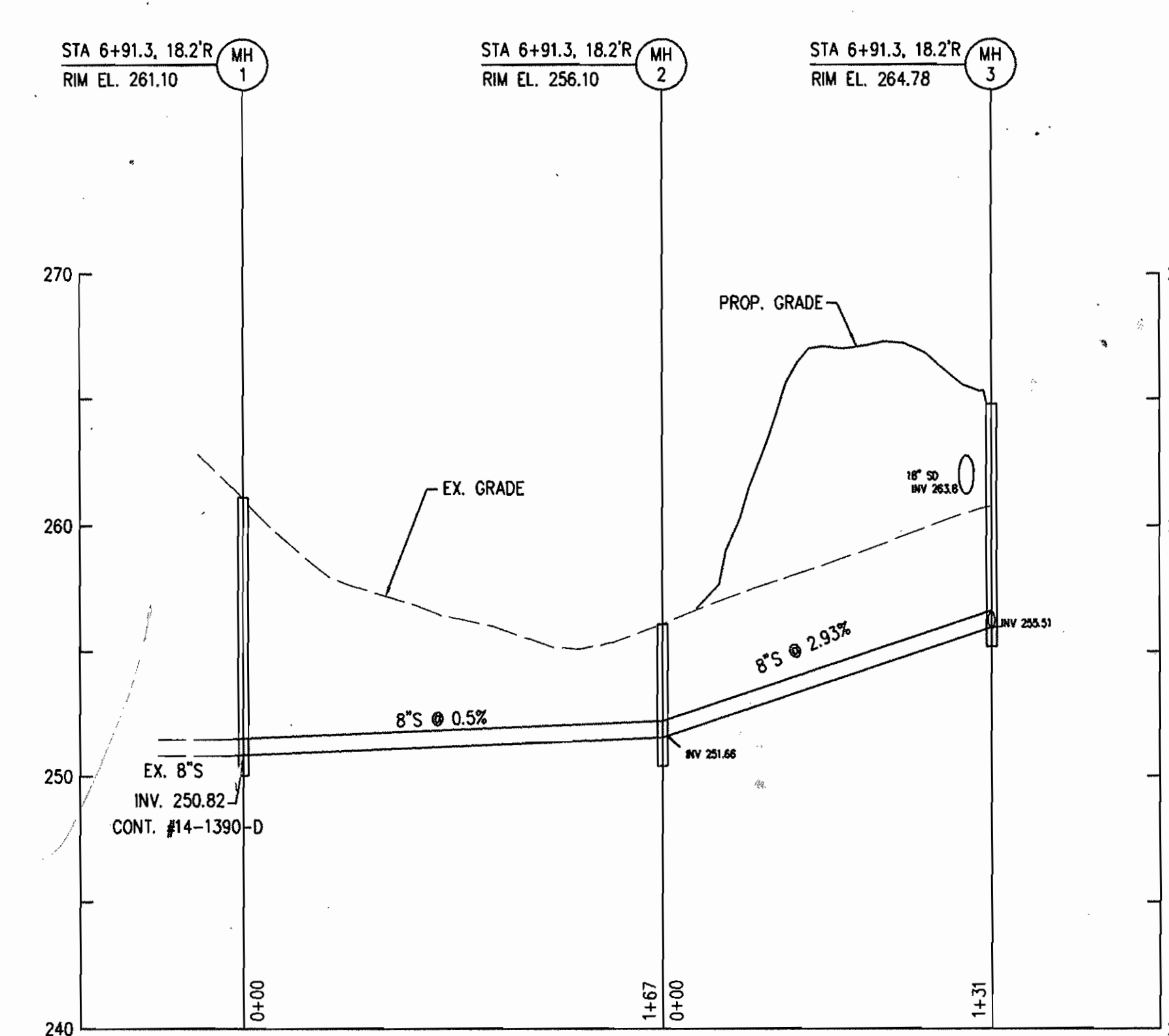
SCALE : 1" = 50' HOR.
1" = 5' VER.

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

NOTE:
INVERTS ARE FROM MANHOLES CENTERLINES.



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



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



FOR REVISION NO. 2
2-17-98

DEVELOPER: MR. DAVID WOEISSNER
9305 FURROW AVENUE
ELLCOTT CITY, MARYLAND 21042

OWNER: MR. ROBERT O'LEXY
8693 OLD WATERLOO ROAD
BALTIMORE, MARYLAND 20794

OWNER: BUNRATTY INVESTMENTS LTD.
P.O. BOX 999
COLUMBIA, MARYLAND 20144

OWNER: MR. GLORIA M. DETRICH
6719 OLD WATERLOO ROAD
BALTIMORE, MARYLAND 20794

File: C:\DWG\SANCT\SANCT53 Plotted: Thu Jun 19 11:54:05 1997

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND.

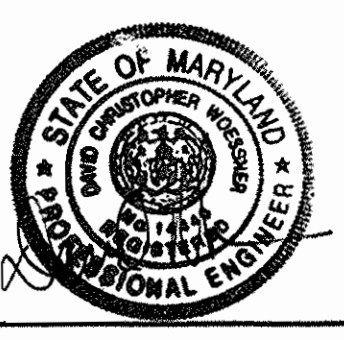
Robert M. Benner July 3, 1997
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND.

7/1/97
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

PREPARED BY:
AMERICAN LAND DEVELOPMENT AND ENGINEERING INC.
CIVIL ENGINEERING CONSULTANTS
AND LAND PLANNER

671-A MAIN STREET BALT. (410) 880-3039
LAUREL, MD. 20707 WASH. (301) 953-1221



DES: D.C.W.	CF 9	2	Eliminated Mhs 11 & 12 and 8's between Mhs 10 & 11, 10 & 12 Revised 8's between Mhs 9 & 10	2-17-98
DRN: AVG				
CHK: J.H.E.				
DATE: 6-16-97	BY	NO.	REVISION	DATE

WATER AND SEWER
MAIN PLAN

600' SCALE MAP NO. 37 BLOCK NO. 21

THE SANCTUARY
LOTS 1-61
A SUBDIVISION OF PARCEL 164, 165, 166, 564, 565, AND 566
CONTRACT NO. 14-3623-D
1st ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE
AS
SHOWN

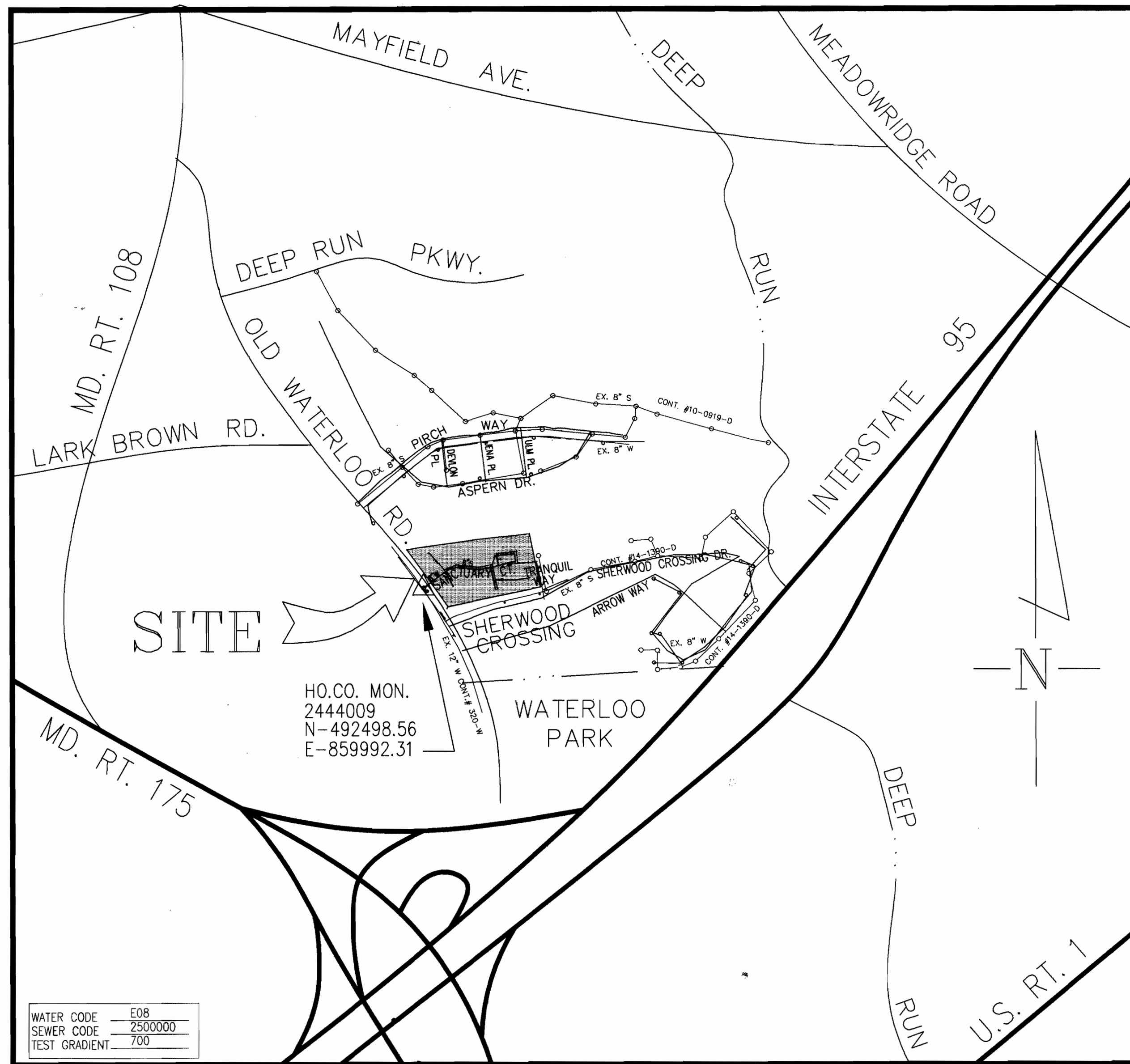
SHEET
3 OF 3

ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
8" SEWER MAIN	1,236 L.F.	1,223 L.F.		J.M. MANUFACTURING
4" SAN. HSE. CONN.	1,086 L.F.	1,360 P.V.C.		J.M. MANUFACTURING
4" SAN. STANDPIPE	58 EA.			
4" TYPE "A" D.H.C.				
4'-0" DIA. MH				
4'-0" DIA. MH OVER 6' DEPTH	11 EA.	11 EA.	PRECAST	ALANTIC
4" TYPE "A" DROP CONN.				
8" WATER MAIN	588 L.F.	704 L.F.	D.I.P.	ALANTIC STATES A.I.P.P.E.
6" WATER MAIN	580 L.F.	392 L.F.	D.I.P.	" " " " " "
3/4" W.H.C.	770 L.F.	99 L.F.	TYPE K	CAMBRIDGE LEE U.S. FILTER
FIRE HYDRANT	2 EA.	2 EA.		MOELLER CO./U.S. FILTER
6" VALVE	2 EA.	2 EA.		" " " " " "
8" VALVE	4 EA.	4		" " " " " "
1" AIR RELEASE MH	1 EA.			
1 1/2" DRAIN MH	1 EA.			
1" W.H.C.		530	TYPE K	CAMBRIDGE LEE U.S. FILTER
1 1/2" W.H.C.		462	TYPE K	" " " " " "
12x8 TAPPING SLEEVE		1		SMITH BLAIR

MANHOLE TABLE		
MANHOLE NUMBER	LOCATION	
	NORTHING	EASTING
MH - 1	492873.081	860537.402
MH - 2	493040.009	860524.276
MH - 3	493048.480	860388.214
MH - 4	493049.775	860322.902
MH - 5	493132.463	860389.879
MH - 6	493135.153	860227.693
MH - 7	493063.901	860213.502
MH - 8	493056.319	860117.152
MH - 9	493097.281	859961.413
MH - 10	493072.582	859877.951
MH - 11	492953.233	859921.289
MH - 12	493263.236	859788.063
MH - 13	492888.889	860227.693

SEDIMENT CONTROL NOTES

- FOR SEDIMENT CONTROL FOR THIS CONTRACT, SEE THE APPROVED ROAD CONSTRUCTION PLANS REF. # F-97-160
- MATERIALS FROM TRENCH EXCAVATION MUST BE PLACED ON UPHILL SIDE TRENCH.
- CONTRACTOR MUST BACKFILL, COMPACT AND STABILIZE TRENCHES IMMEDIATELY AFTER INSTALLATION OF PIPE. NO TRENCH WILL BE LEFT OPEN AT THE END OF EACH DAY, EXCEPT THAT PORTION WHERE WORK HAS STOPPED.
- ANY SEDIMENT CONTROL FACILITIES ENCOUNTERED DURING PIPE CONSTRUCTION TO BE RETURNED TO THE ORIGINAL CONDITION IMMEDIATELY UPON COMPLETION OF THAT PORTION OF WORK.
- SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY STANDARD SPECIFICATION AND AS PER ROAD CONSTRUCTION PLANS F-97-160



WATER CODE	E08
SEWER CODE	2500000
TEST GRADIENT	700

TYPE OF BUILDING	SFA & SFD
No. OF LOTS/PARCELS	58
No. OF WATER HOUSE CONNECTIONS	55
No. OF SEWER HOUSE CONNECTIONS	58
DRAINAGE AREA	DEEP RUN
TREATMENT PLANT	PWWTP

VICINITY MAP
SCALE: 1" = 600'

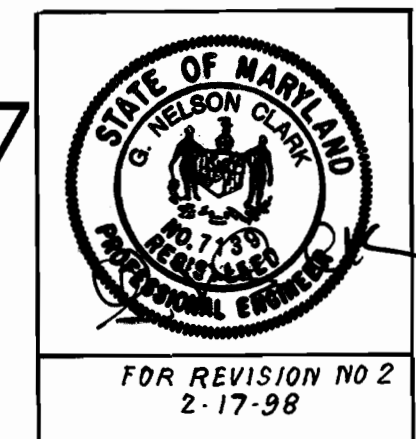
GENERAL NOTES:

- Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the contractor's expense.
- All horizontal controls are based on Maryland State Coordinates. [North American Datum of 1983 (NAD '83)].
- All vertical controls are based on U.S.G.S. data.
- All pipe elevations shown are invert elevations.
- Clear all utilities by a minimum of 6'. Clear all poles by 2'-0" minimum or tunnel as required. The owner has contracted the utility companies and has arrangements for bracing of the poles as shown on the drawings. In the event the contractor's works requires the bracing of additional poles, any cost incurred by the owner for bracing of additional poles or damages shall be deducted from money owed the contractor. The contractor shall coordinate with the utility companies to schedule the bracing of the poles.
- For details not shown on the drawings, and for materials and construction methods use Howard County Design Manual, Volume IV, Standard Specifications and Details for Construction (Latest Edition). The contractor shall have a copy of Volume IV on the job.
- Where test pits have been made on existing utilities, they are noted by the symbols at the location of the test pit. A note of notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the contractor two weeks in advance of construction operations at his own expense.
- Contractors shall notify the following utility companies or agencies at least five working days before starting work shown on these plans:

State Highways Administration	531-5533
BB&E Co. Contractors Services	850-4820
BB&E Co. Under Ground Damage Control	787-9068
Miss Utility	1-800-257-7777
Colonial Pipeline Co.	795-1390
Howard County Department of Public Works	
Bureau of Utilities	313-4900
- Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be removed or damaged by the contractor.
- Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of main.
- All water mains to be D.I.P. Class 52 unless otherwise noted.
- Taps of all water mains to have a minimum of 3'-1/2" cover unless otherwise noted.
- Valves adjacent to tees shall be strapped to tees.
- All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
- Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be restrained and buttressed with concrete in accordance with Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of the Standard Specifications.
- The contractor shall not operate any water main valves on the existing water system.
- All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.
- For sprinkler system for all townhomes or multi-family dwelling units shall have a minimum of 1" connection with a 3/4" meter.
- All sewer mains shall be DIP and P.V.C. unless otherwise noted.
- All manholes shall be 4'-0" inside diameter unless otherwise noted.
- Force mains shall be D.I.P. only.
- Manholes shown with 12" and 16" walls are for brick manholes only.
- Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G5.52.
- Where watertight manhole frame and cover is used, set top of frame 1"-6" above finished grade unless otherwise noted on the drawings.
- House(s) with the symbol "C.N.S." indicates that cellar cannot be served.
- The contractor shall notify the bureau of Highways, Howard County, at (410) 313-2450 at least five (5) working days before any open cut of any County road or boring/jacking operation in County roads for laying water/sew main or house connections. The approval of these drawings will constitute compliance with DPW requirements per Section 18.114(a) of the Howard County Code.

WATER AND SEWER CONSTRUCTION DRAWINGS
THE SANCTUARY
LOTS 1-61

A SUBDIVISION OF PARCEL 164, 165, 166, 564, 565, AND 566
CONTRACT NO.14-3623-D
1st ELECTION DISTRICT TAX MAP 37
HOWARD COUNTY, MARYLAND



REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
Cheryl Simmons 7/8/97
U.S. NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
John R. Robertson 7/8/97
HOWARD SOIL CONSERVATION DISTRICT DATE

DEVELOPER: MR. DAVID WOESSNER
9305 FURROW AVENUE
ELLICOTT CITY, MARYLAND 21042

OWNER: MR. ROBERT O'LENEY
6693 OLD WATERLOO ROAD
BALTIMORE, MARYLAND 20794

OWNER: BUNRATTY INVESTMENTS LTD.
P.O. BOX 999
COLUMBIA, MARYLAND 20144

OWNER: MR. GLORIA M. DETRICH
6719 OLD WATERLOO ROAD
BALTIMORE, MARYLAND 20794

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND.

Robert R. Simmons July 3, 1997
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND.

John R. Robertson 7/1/97
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

PREPARED BY:
AMERICAN LAND DEVELOPMENT AND ENGINEERING INC.
CIVIL ENGINEERING CONSULTANTS
AND LAND PLANNER

671-A MAIN STREET
LAUREL, MD. 20707

BALT. (410) 880-3039
WASH. (301) 953-1221

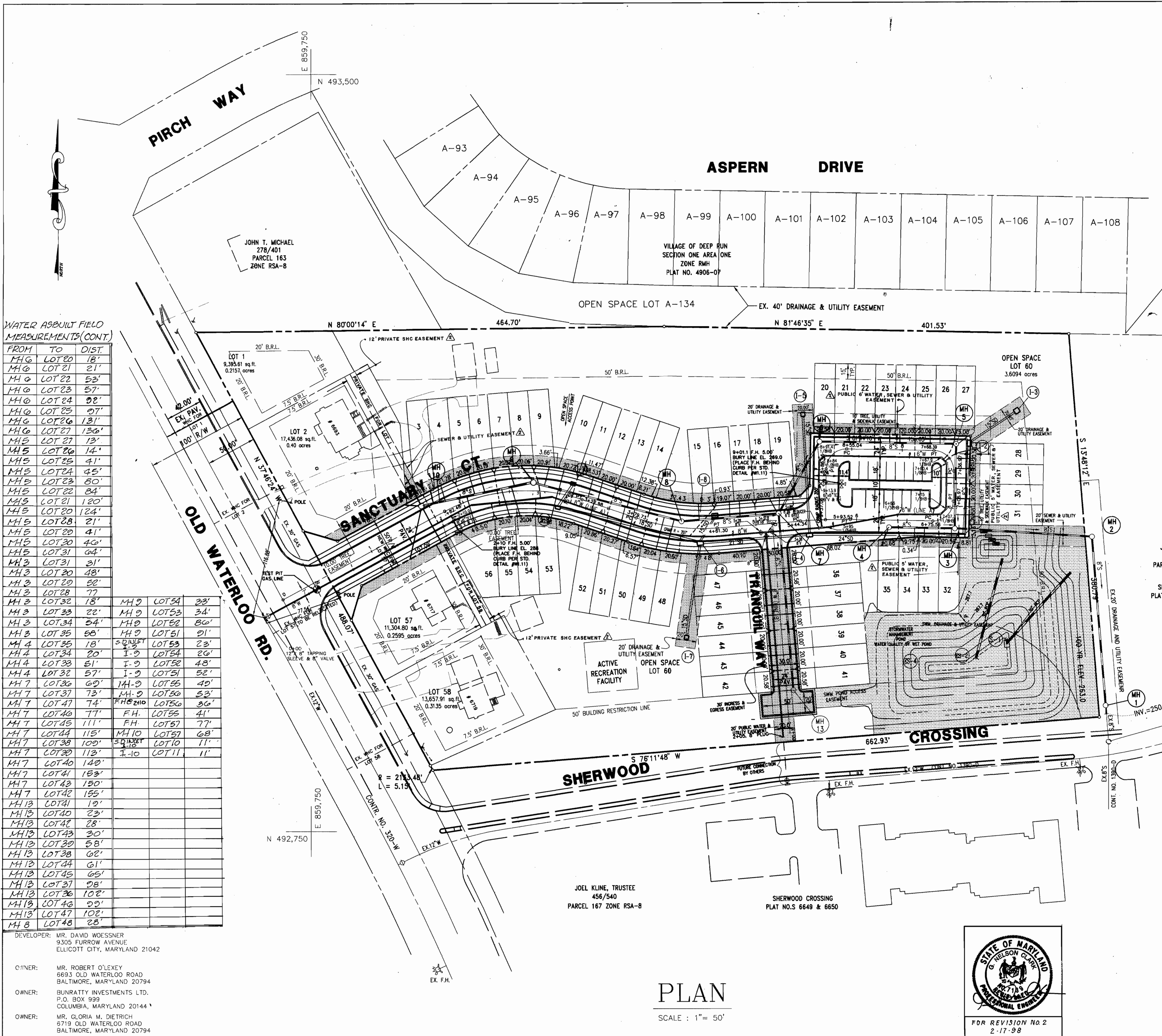
DES : D.C.W.	OFS 2	Eliminated MH's 11 and 12 AND Revised QUANTITIES	2-17-98
DRN : AVG	K.C.I. 3	AS-BUILT CONDITIONS ADDED TO PLAN	10/12/99
CHK : J.H.E.			
DATE : 6-15-97	BY NO.	REVISION	DATE

WATER AND SEWER
MAIN PLAN

800'SCALE MAP NO. 37 BLOCK NO. 21

THE SANCTUARY
LOTS 1-61
A SUBDIVISION OF PARCEL 164, 165, 166, 564, 565, AND 566
CONTRACT NO.14-3623-D
1st ELECTION DISTRICT TAX MAP 37
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 1 OF 3

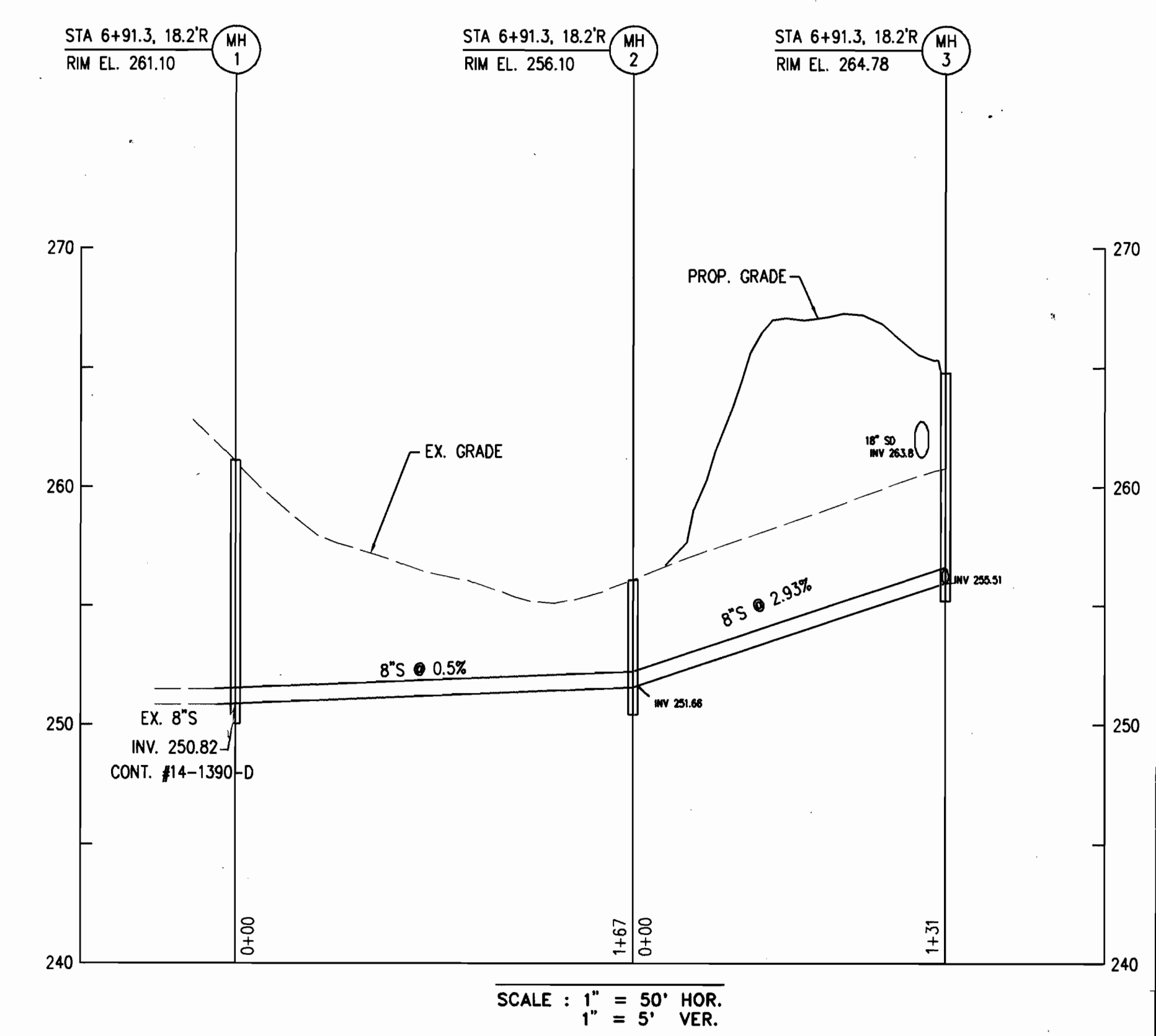
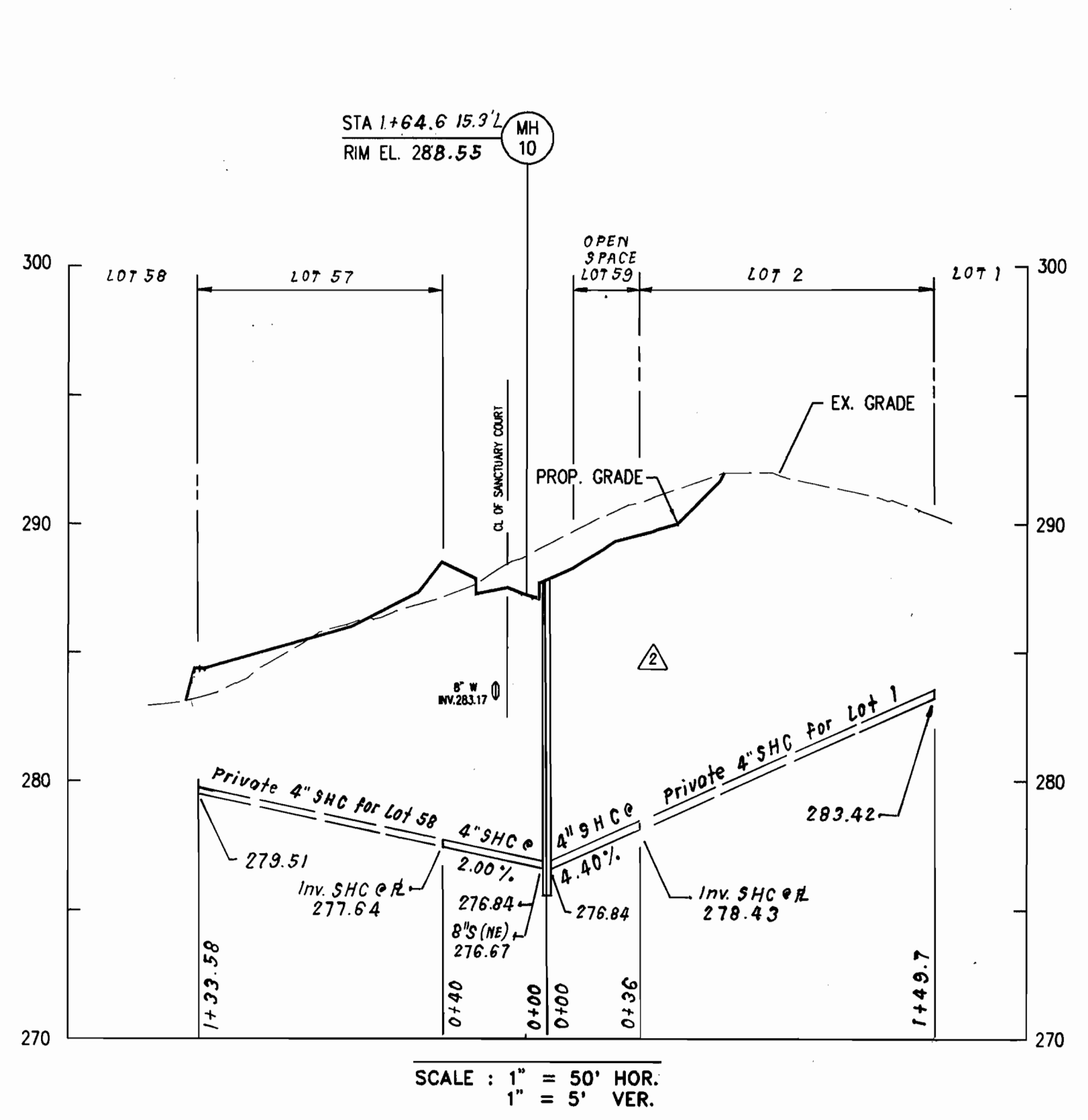
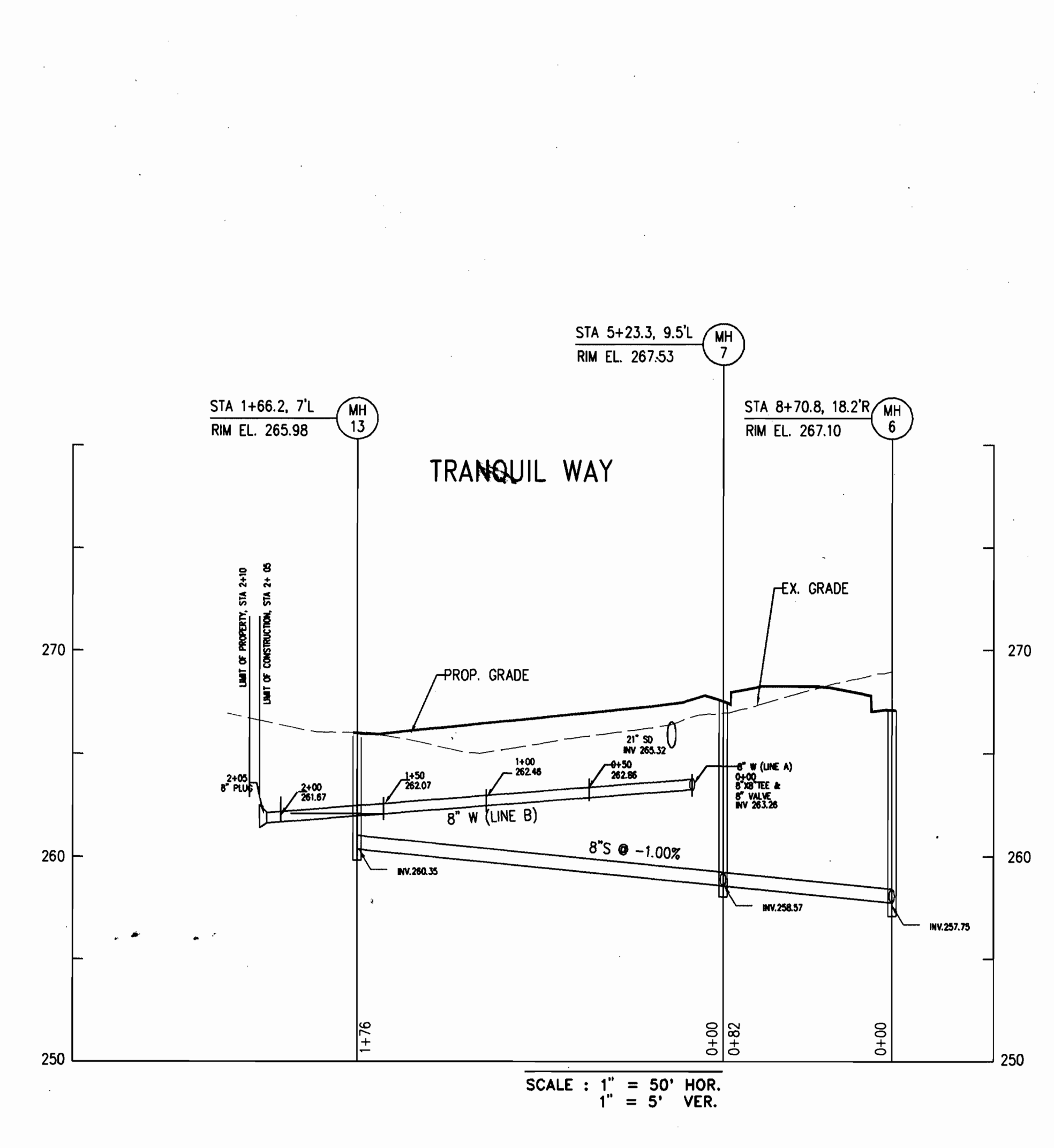
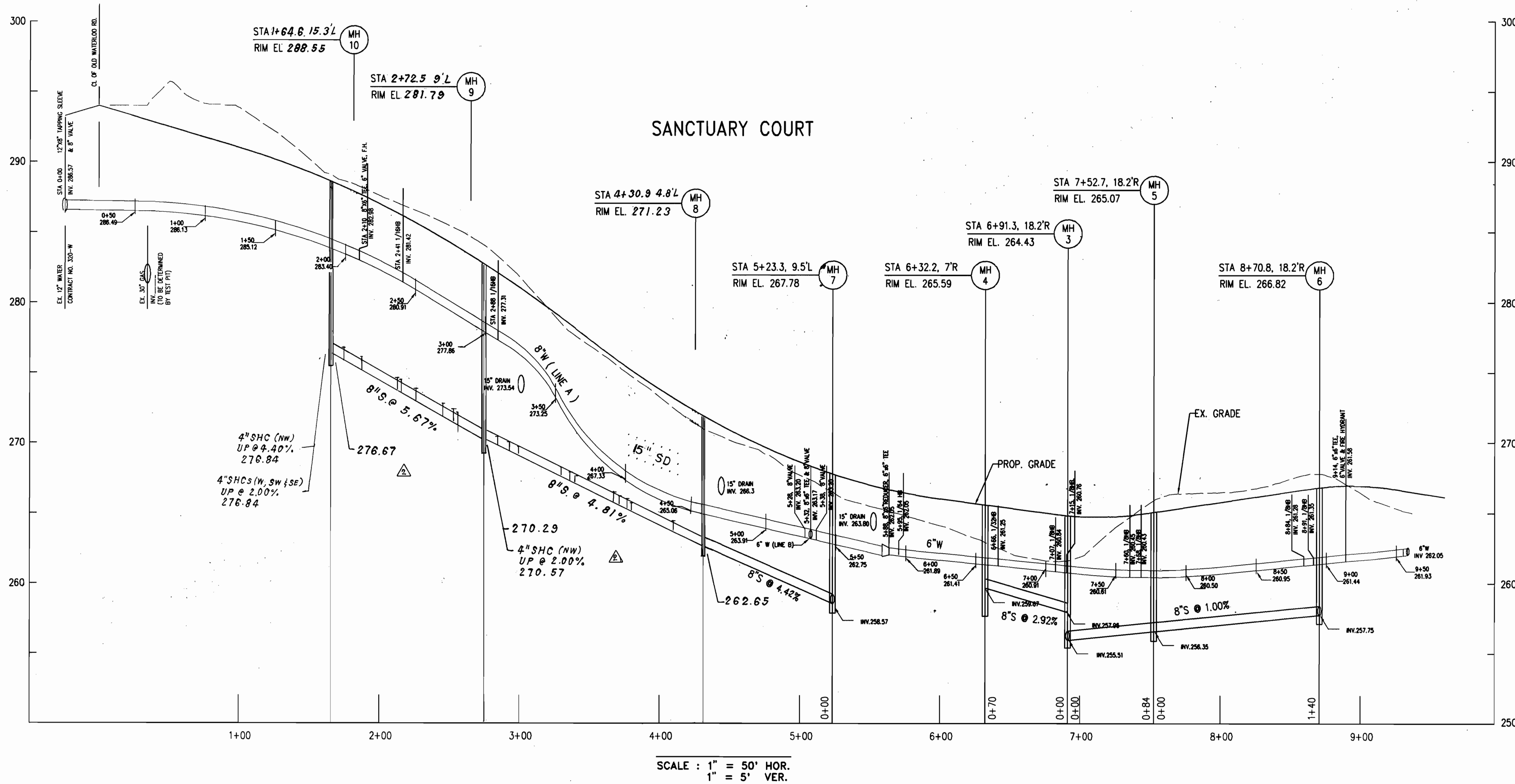


WATER ASBUILT FIELD MEASUREMENTS (CONT)

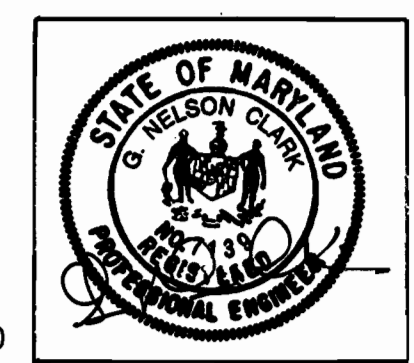
FROM	TO	DIST.	FROM	TO	DIST.
MH 0	LOT 20	18'	MH 2	LOT 34	34'
MH 0	LOT 21	21'	MH 2	LOT 35	34'
MH 0	LOT 22	53'	MH 3	LOT 36	80'
MH 0	LOT 23	57'	MH 3	LOT 37	91'
MH 0	LOT 24	92'	MH 4	LOT 38	23'
MH 0	LOT 25	57'	MH 4	LOT 39	26'
MH 0	LOT 26	131'	MH 4	LOT 40	48'
MH 0	LOT 27	136'	MH 4	LOT 41	52'
MH 5	LOT 27	13'	MH 7	LOT 42	49'
MH 5	LOT 28	14'	MH 7	LOT 43	52'
MH 5	LOT 29	41'	MH 7	LOT 44	52'
MH 5	LOT 30	41'	MH 7	LOT 45	49'
MH 5	LOT 31	64'	MH 7	LOT 46	53'
MH 3	LOT 31	31'	MH 7	LOT 47	36'
MH 3	LOT 32	48'	MH 7	LOT 48	41'
MH 3	LOT 33	88'	MH 7	LOT 49	77'
MH 3	LOT 34	77'	MH 10	LOT 51	68'
MH 3	LOT 35	18'	MH 10	LOT 52	11'
MH 4	LOT 35	20'	MH 9	LOT 54	23'
MH 4	LOT 36	51'	MH 9	LOT 55	34'
MH 4	LOT 37	57'	MH 9	LOT 56	80'
MH 7	LOT 38	69'	MH 9	LOT 57	91'
MH 7	LOT 39	73'	MH 9	LOT 58	23'
MH 7	LOT 40	74'	MH 9	LOT 59	26'
MH 7	LOT 41	77'	MH 9	LOT 60	41'
MH 7	LOT 42	111'	MH 9	LOT 61	44'
MH 7	LOT 43	115'	MH 9	LOT 62	45'
MH 7	LOT 44	109'	MH 9	LOT 63	40'
MH 7	LOT 45	113'	MH 9	LOT 64	41'
MH 7	LOT 46	149'	MH 9	LOT 65	42'
MH 7	LOT 47	183'	MH 9	LOT 66	43'
MH 7	LOT 48	150'	MH 9	LOT 67	44'
MH 7	LOT 49	155'	MH 9	LOT 68	45'
MH 13	LOT 51	19'	MH 9	LOT 69	46'
MH 13	LOT 52	23'	MH 9	LOT 70	47'
MH 13	LOT 53	28'	MH 9	LOT 71	48'
MH 13	LOT 54	30'	MH 9	LOT 72	49'
MH 13	LOT 55	58'	MH 9	LOT 73	50'
MH 13	LOT 56	62'	MH 9	LOT 74	51'
MH 13	LOT 57	61'	MH 9	LOT 75	52'
MH 13	LOT 58	65'	MH 9	LOT 76	53'
MH 13	LOT 59	28'	MH 9	LOT 77	54'
MH 13	LOT 60	102'	MH 9	LOT 78	55'
MH 13	LOT 61	29'	MH 9	LOT 79	56'
MH 13	LOT 62	29'	MH 9	LOT 80	57'
MH 13	LOT 63	29'	MH 9	LOT 81	58'
MH 13	LOT 64	29'	MH 9	LOT 82	59'
MH 13	LOT 65	29'	MH 9	LOT 83	60'
MH 13	LOT 66	29'	MH 9	LOT 84	61'
MH 13	LOT 67	29'	MH 9	LOT 85	62'
MH 13	LOT 68	29'	MH 9	LOT 86	63'
MH 13	LOT 69	29'	MH 9	LOT 87	64'
MH 13	LOT 70	29'	MH 9	LOT 88	65'
MH 13	LOT 71	29'	MH 9	LOT 89	66'
MH 13	LOT 72	29'	MH 9	LOT 90	67'
MH 13	LOT 73	29'	MH 9	LOT 91	68'
MH 13	LOT 74	29'	MH 9	LOT 92	69'
MH 13	LOT 75	29'	MH 9	LOT 93	70'
MH 13	LOT 76	29'	MH 9	LOT 94	71'
MH 13	LOT 77	29'	MH 9	LOT 95	72'
MH 13	LOT 78	29'	MH 9	LOT 96	73'
MH 13	LOT 79	29'	MH 9	LOT 97	74'
MH 13	LOT 80	29'	MH 9	LOT 98	75'
MH 13	LOT 81	29'	MH 9	LOT 99	76'
MH 13	LOT 82	29'	MH 9	LOT 100	77'
MH 13	LOT 83	29'	MH 9	LOT 101	78'
MH 13	LOT 84	29'	MH 9	LOT 102	79'
MH 13	LOT 85	29'	MH 9	LOT 103	80'
MH 13	LOT 86	29'	MH 9	LOT 104	81'
MH 13	LOT 87	29'	MH 9	LOT 105	82'
MH 13	LOT 88	29'	MH 9	LOT 106	83'
MH 13	LOT 89	29'	MH 9	LOT 107	84'
MH 13	LOT 90	29'	MH 9	LOT 108	85'
MH 13	LOT 91	29'	MH 9	LOT 109	86'
MH 13	LOT 92	29'	MH 9	LOT 110	87'
MH 13	LOT 93	29'	MH 9	LOT 111	88'
MH 13	LOT 94	29'	MH 9	LOT 112	89'
MH 13	LOT 95	29'	MH 9	LOT 113	90'
MH 13	LOT 96	29'	MH 9	LOT 114	91'
MH 13	LOT 97	29'	MH 9	LOT 115	92'
MH 13	LOT 98	29'	MH 9	LOT 116	93'
MH 13	LOT 99	29'	MH 9	LOT 117	94'
MH 13	LOT 100	29'	MH 9	LOT 118	95'
MH 13	LOT 101	29'	MH 9	LOT 119	96'
MH 13	LOT 102	29'	MH 9	LOT 120	97'
MH 13	LOT 103	29'	MH 9	LOT 121	98'
MH 13	LOT 104	29'	MH 9	LOT 122	99'
MH 13	LOT 105	29'	MH 9	LOT 123	100'
MH 13	LOT 106	29'	MH 9	LOT 124	101'
MH 13	LOT 107	29'	MH 9	LOT 125	102'
MH 13	LOT 108	29'	MH 9	LOT 126	103'
MH 13	LOT 109	29'	MH 9	LOT 127	104'
MH 13	LOT 110	29'	MH 9	LOT 128	105'
MH 13	LOT 111	29'	MH 9	LOT 129	106'
MH 13	LOT 112	29'	MH 9	LOT 130	107'
MH 13	LOT 113	29'	MH 9	LOT 131	108'
MH 13	LOT 114	29'	MH 9	LOT 132	109'
MH 13	LOT 115	29'	MH 9	LOT 133	110'
MH 13	LOT 116	29'	MH 9	LOT 134	111'
MH 13	LOT 117	29'	MH 9	LOT 135	112'
MH 13	LOT 118	29'	MH 9	LOT 136	113'
MH 13	LOT 119	29'	MH 9	LOT 137	114'
MH 13	LOT 120	29'	MH 9	LOT 138	115'
MH 13	LOT 121	29'	MH 9	LOT 139	116'
MH 13	LOT 122	29'	MH 9	LOT 140	117'
MH 13	LOT 123	29'	MH 9	LOT 141	118'
MH 13	LOT 124	29'	MH 9	LOT 142	119'
MH 13	LOT 125	29'	MH 9	LOT 143	120'
MH 13	LOT 126	29'	MH 9	LOT 144	121'
MH 13	LOT 127	29'	MH 9	LOT 145	122'
MH 13	LOT 128	29'	MH 9	LOT 146	123'
MH 13	LOT 129	29'	MH 9	LOT 147	124'
MH 13	LOT 130	29'	MH 9	LOT 148	125'
MH 13	LOT 131	29'	MH 9	LOT 149	126'
MH 13	LOT 132	29'	MH 9	LOT 150	127'
MH 13	LOT 133	29'	MH 9	LOT 151	128'
MH 13	LOT 134	29'	MH 9	LOT 152	129'
MH 13	LOT 135	29'	MH 9	LOT 153	130'
MH 13	LOT 136	29'	MH 9	LOT 154	131'
MH 13	LOT 137	29'	MH 9	LOT 155	132'
MH 13	LOT 138	29'	MH 9	LOT 156	133'
MH 13	LOT 139	29'	MH 9	LOT 157	134'
MH 13	LOT 140	29'	MH 9	LOT 158	135'
MH 13	LOT 141	29'	MH 9	LOT 159	136'
MH 13	LOT 142	29'	MH 9	LOT 160	137'
MH 13	LOT 143	29'	MH 9	LOT 161	138'
MH 13	LOT 144	29'	MH 9	LOT 162	139'
MH 13	LOT 145	29'	MH 9	LOT 163	140'
MH 13	LOT 146	29'	MH 9	LOT 164	141'
MH 13	LOT 147	29'	MH 9	LOT 165	142'
MH 13	LOT 148	29'	MH 9	LOT 166	143'
MH 13	LOT 149	29'	MH 9	LOT 167	144'
MH 13	LOT 150	29'	MH 9	LOT 168	145'
MH 13	LOT 151	29'	MH 9	LOT 169	146'
MH 13	LOT 152	29'	MH 9	LOT 170	147'
MH 13	LOT 153	29'	MH 9	LOT 171	148'
MH 13	LOT 154	29'	MH 9	LOT 172	149'
MH 13	LOT 155	29'	MH 9	LOT 173	150'
MH 13	LOT 156	29'	MH 9	LOT 174	151'
MH 13	LOT 157	29'	MH 9	LOT 175	152'
MH 13	LOT 158	29'	MH 9	LOT 176	153'
MH 13	LOT 159	29'	MH 9	LOT 177	154'
MH 13	LOT 160	29'	MH 9	LOT 178	155'
MH 13	LOT 161	29'	MH 9	LOT 179	156'
MH 13	LOT 162	29'	MH 9	LOT 180	157'
MH 13	LOT 163	29'	MH 9	LOT 181	158'
MH 13	LOT 164	29'	MH 9	LOT 182	159'
MH 13	LOT 165	29'	MH 9	LOT 183	160'
MH 13	LOT 166	29'	MH 9	LOT 184	161'
MH 13	LOT 167	29'	MH 9	LOT 185	162'
MH 13	LOT 168	29'	MH 9	LOT 186	163'
MH 13	LOT 169	29'	MH 9	LOT 187	164'
MH 13	LOT 170	29'	MH 9	LOT 188	165'
MH 13	LOT 171	29'	MH 9	LOT 189	166'
MH 13	LOT 172	29'	MH 9	LOT 190	167'
MH 13	LOT 173	29'	MH 9	LOT 191	168'
MH 13	LOT 174	29'	MH 9	LOT 192	169'
MH 13	LOT 175	29'	MH 9	LOT 193	170'
MH 13	LOT 176	29'	MH 9	LOT 194	171'
MH 13	LOT 177	29'	MH 9	LOT 195	172'
MH 13	LOT 178	29'	MH 9	LOT 196	173'
MH 13	LOT 179	29'	MH 9	LOT 197	174'
MH 13	LOT 180	29'	MH 9	LOT 198	175'
MH 13	LOT 181	29'	MH 9	LOT 199	176'
MH 13	LOT 182	29'	MH 9	LOT 200	177'

SEWER ASBUILT FIELD MEASUREMENTS

FROM	TO	DIST.	FROM	TO	DIST.
MH 10	LOT 1	21'	MH 3	LOT 31	75'
MH 10	LOT 2	17'	MH 3	LOT 32	23'
MH 10	LOT 3	21'	MH 3	LOT 33	36'
MH 10	LOT 4	30'	MH 3	LOT 34	64'
MH 10	LOT 5	66'	MH 3	LOT 35	69'
MH 10	LOT 6	71'	MH 3	LOT 36	14'
MH 10	LOT 7	98'	MH 3	LOT 37	25'
MH 10	LOT 8	108'	MH 3	LOT 38	43'
MH 10	LOT 9	102'	MH 3	LOT 39	73'
MH 10	LOT 10	99'	MH 4	LOT 35	16'
MH 10	LOT 11	60'	MH 4	LOT 36	29'
MH 10	LOT 12	42'	MH 4	LOT 37	37'
MH 10	LOT 13	48'	MH 4	LOT 38	62'
MH 10	LOT 14	37'	MH 7	LOT 36	56'
MH 10	LOT 15	65'	MH 7	LOT 37	80'
MH 10	LOT 16	111'	MH 7	LOT 38	95'
MH 10	LOT 17	140'	MH 7	LOT 39	127'
MH 10	LOT 18	131'	MH 7	LOT 40	130'
MH 10	LOT 19	120'	MH 7	LOT 41	166'
MH 10	LOT 20	102'	MH 7	LOT 42	170'
MH 10	LOT 21	91'	MH 7	LOT 43	139'
MH 10	LOT 22	61'	MH 7	LOT 44	129'
MH 10	LOT 23	52'	MH 7	LOT 45	98'
MH 10	LOT 24	32'	MH 7	LOT 46	88'
MH 10	LOT 25	22'	MH 13	LOT 41	9'
MH 10	LOT 26	24'	MH 13	LOT 42	20'
MH 10	LOT 27	33'	MH 13	LOT 43	45'
MH 10	LOT 28	61'	MH 13	LOT 44	77'
MH 10	LOT 29	71'	MH 13	LOT 45	85'
MH 10	LOT 30	95'	MH 13	LOT 46	116'
MH 10	LOT 31	109'	MH 13	LOT 47	116'
MH 10	LOT 32	149'	MH 13	LOT 48	23'
MH 10	LOT 33	141'	MH 13	LOT 49	40'
MH 10	LOT 34	113'	MH 13	LOT 50	50'
MH 10	LOT 35	101'	MH 13	LOT 51	78'
MH 10	LOT 36	77'	MH 13	LOT 52	88'
MH 10	LOT 37	64'	MH 13	LOT 53	110'
MH 10	LOT 38	54'	MH 10	LOT 3	13'
MH 10	LOT 39	21'	MH 10	LOT 4	43'
MH 10	LOT 40	102'	MH 10	LOT 5	47'
MH 10	LOT 41	133'	MH 10	LOT 6	82'
MH 10	LOT 42	148'	MH 10	LOT 7	80'
MH 10	LOT 43	34'	MH 10	LOT 8	32'
MH 10	LOT 44	58'	MH 10	LOT 9	11'
MH 10	LOT 45	59'	MH 10	LOT 10	43'
MH 10	LOT 46	70'	MH 10	LOT 11	43'
MH 10	LOT 47	94'	MH 10	LOT 12	44'
MH 10	LOT 48	145'	MH 10	LOT 13	44'
MH 10	LOT 49	25'	MH 10	LOT 14	65'
MH 10	LOT 50	48'	MH 10	LOT 15	68'
MH 10	LOT 51	50'	MH		



NOTE:
INVERTS ARE FROM MANHOLES CENTERLINES.



DEVELOPER: MR. DAVID WOESSNER
9305 FURROW AVENUE
ELLICOTT CITY, MARYLAND 21042

OWNER: MR. ROBERT O'LEXY
8593 OLD WATERLOO ROAD
BALTIMORE, MARYLAND 20794

OWNER: BUNRATTY INVESTMENTS LTD.
P.O. BOX 999
COLUMBIA, MARYLAND 20144

OWNER: MR. GLORIA M. DIETRICH
8719 OLD WATERLOO ROAD
BALTIMORE, MARYLAND 20794

File: C:\DWG\SNCT\SANCT33 Plotted: Thu Jun 19 11:54:05 1997

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND.

Robert M. Dietch July 3, 1997
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND.

Robert M. Dietch 7/1/97
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

PREPARED BY:
AMERICAN LAND DEVELOPMENT AND ENGINEERING INC.
CIVIL ENGINEERING CONSULTANTS
AND LAND PLANNER

671-A MAIN STREET BALT. (410) 880-3039
LAUREL, MD. 20707 WASH. (301) 953-1221



DES: D.C.W.	CFS	2	Eliminated Mts 11 & 12 and 8'S between Mts 10 & 11, 10 & 12 Revised 8'S between Mts 9 & 10	2-17-98
DRN: AVG				
CHK: J.H.E.				
DATE: 6-16-97	BY	NO.	REVISION	DATE

**WATER AND SEWER
MAIN PLAN**

600'SCALE MAP NO. 37 BLOCK NO. 21

THE SANCTUARY
LOTS 1-61
A SUBDIVISION OF PARCEL 164, 165, 166, 564, 565, AND 566
CONTRACT NO. 14-3623-D
1st ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 3 OF 3