

**QUANTITIES**

ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
8" WATER	4128 L.F.			
6" WATER	404 L.F.			
1" WATER	1527 L.F.			
8" SEWER	2572 L.F.			
8" SEWER (D.I.P.)	1213 L.F.			
10" SEWER (D.I.P.)	448 L.F.			
MANHOLES	55 EA.			
8" CAP	1 EA.			
8"x 8" TEE	3 EA.			
8" VALVE	3 EA.			
8" 1/8 H.B.	10 EA.			
8" 1/16 H.B.	6 EA.			
8"x 6" F.H.T.	3 EA.			
FIRE HYDRANT	3 EA.			
1 1/2" Drain	1 EA.			
3"x 3" Tee	2 EA.			
3" 1/2 H.B.	2 EA.			
3" Cap	1 EA.			
3" Valve	3 EA.			
3"x 3" Tee	1 EA.			
4" Water	102 L.F.			
6"x 4" Reducer	2 EA.			
4" CWC	1244 L.F.			
4" CWC (Type 'A')	77 L.F.			
4" CWC (Type 'B')	67 L.F.			
Manhole Drop Conn. B	2 EA.			

NAME OF UTILITY CONTRACTOR:

SURVEY AND DRAFTING DIV. \_\_\_\_\_ CHECKBOX: \_\_\_\_\_  
AS-BUILT DATE: \_\_\_\_\_

TYPE OF BUILDING	SINGLE FAMILY
NUMBER OF UNITS	70 LOTS
NUMBER OF S.H.C.'s	70
NUMBER OF W.H.C.'s	71
DRAINAGE AREA	MIDDLE PATUXENT
TREATMENT PLANT	LITTLE PATUXENT WATER RECLAMATION PLANT

**GENERAL NOTES**

**PART I**

1. 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.
2. All horizontal controls are based on Maryland State Coordinates [North American Datum 1983 (NAD '83)].
3. All vertical controls are based on U.S.C.S. data.
4. All pipe elevations shown are invert elevations.
5. Clear all utilities by a minimum of 6". Clear all poles by 2'-0" minimum or tunnel as required. The owner has contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the contractor's work 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.
6. For details not shown on the drawings, and for materials and construction methods use Howard County Design Manual, Volume IV, Standard Specifications and Detail for Construction (Latest Edition). The contractor shall have a copy of Volume IV on the job.
7. Where test pits have been made on existing utilities, they are noted by the symbol (X) at the location of the test pit. A note or 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.
8. Contractor shall notify the following utility companies or agencies at least (5) working days before starting work shown on these plans:

State Highway Administration	410-531-5533
BGE Contractor Services	410-850-4620
BGE Under Ground Damage Control	410-291-4607
Miss Utility	1-800-257-7777
Colonial Pipeline Co.	410-549-4120
Howard County Department of Public Works	
Bureau of Utilities	313-4900
Verizon	1-800-446-5266

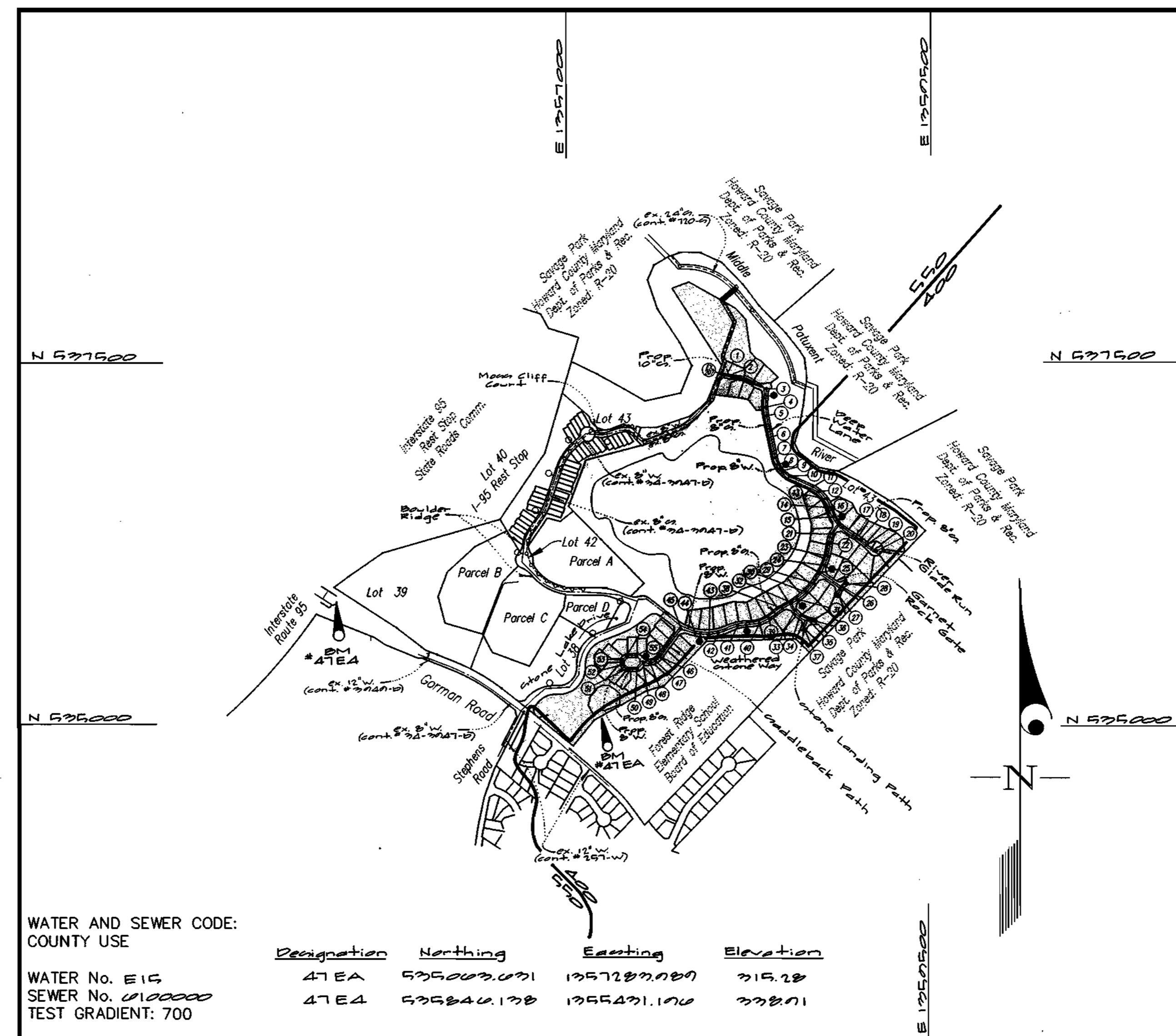
9. Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be removed or damaged by the contractor.
10. Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.
11. 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 on County roads for laying water/sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirement per Section 18.114(a) of the Howard County Code.

**PART II - WATER**

1. All water mains to be D.I.P. Class 52 unless otherwise noted.
2. Tops of all water mains to have a minimum of 3'-1/2' cover unless otherwise noted.
3. Valves adjacent to tees shall be strapped to tees.
4. All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
5. 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 the Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of the Standard Specifications.
6. The contractor shall not operate any water main valves on the existing water system.
7. All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.
8. For sprinkler system for all townhomes or multi-family dwelling units should have a minimum of 1' connection with a 3/4" meter.

**PART III - SEWER**

1. All sewer mains shall be DIP and P.V.C. unless otherwise noted.
2. All manholes shall be 4' - 0" inside diameter unless otherwise noted.
3. Force mains shall be D.I.P. only.
4. Manholes shown with 12" and 16" walls are for brick manholes only.
5. Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G5.52. Where watertight frame and cover is used, set top of frame 1'-6" above finished grade unless otherwise noted on drawings.
6. House(s) with the symbol "C.N.S." indicates that cellar cannot be served.



WATER AND SEWER CODE:  
COUNTY USE

	Designation	Northing	Easting	Elevation
WATER No. E16	47EA	535603.071	1357297.080	315.28
SEWER No. 010000	47EA	535846.178	1355431.106	338.01

TEST GRADIENT: 700

VICINITY MAP  
SCALE: 1"=600'

**STONE LAKE - PHASE II (CONTRACT B)**  
**CONTRACT No. 34-3948-D**  
**LOTS 45 THRU 118**  
*Weathered Stone Way, Deep Water Lane, Stone Landing Path, Saddleback Place, Garnet Rock Gate & River Glade Run*  
**LIBER 5289 FOLIO 330**  
**HOWARD COUNTY, MARYLAND**  
**DEPARTMENT OF PUBLIC WORKS**

Sediment Control Measures will be implemented in accordance with Section 219 of the Specifications & 201-208.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.

*Jim Mayne* 11/30/02  
SIGNATURE DATE  
U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *John R. Robertson* 11/30/02  
HOWARD S.C.D. DATE

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20866  
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186



DES:	RSP		
DRN:	WSJ/CAD		
CHK:	MJT		
DATE:	Nov 2001		
BY:		NO	
REVISION:			
DATE:			

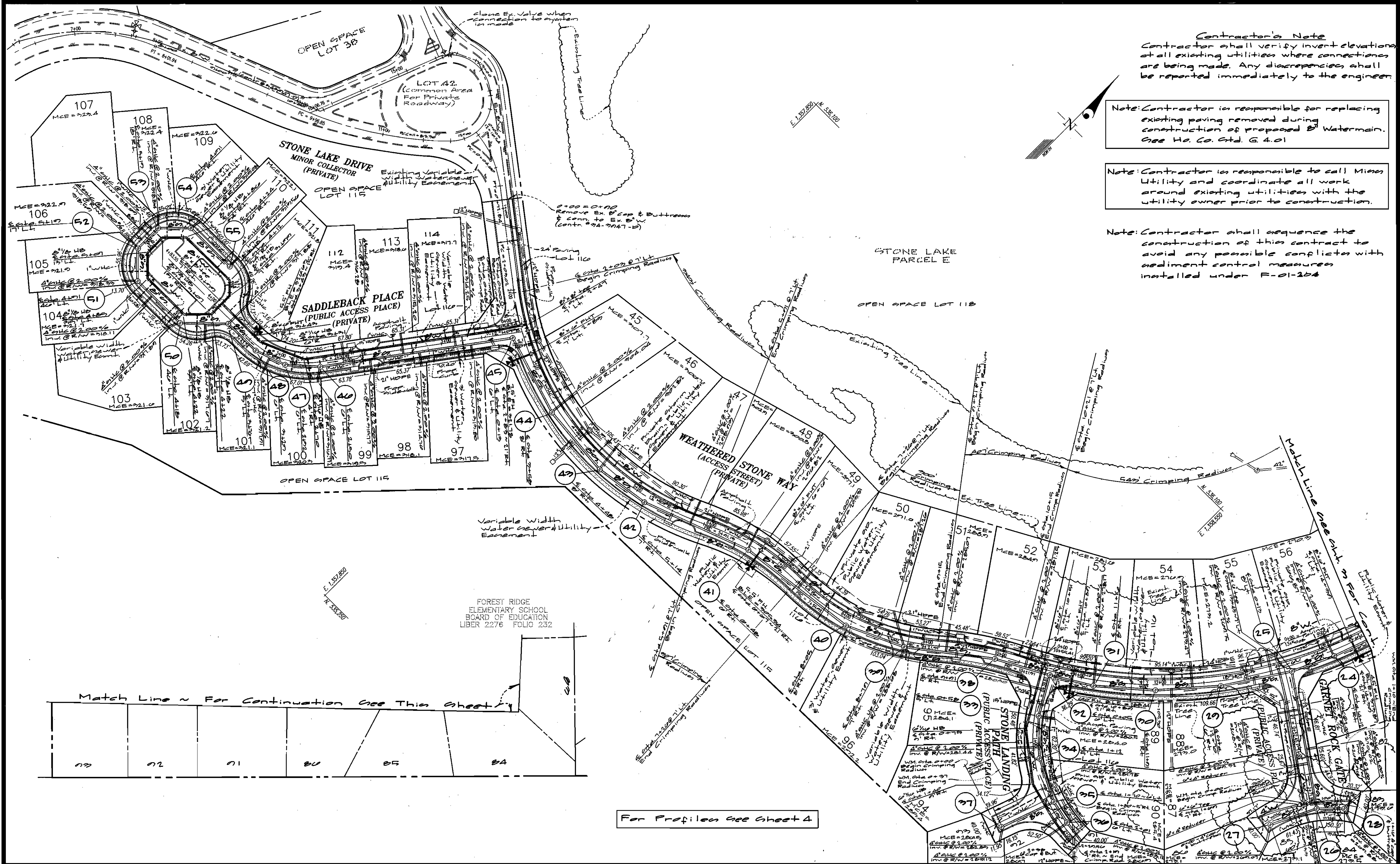
**TITLE SHEET**  
SCALE: AS SHOWN

**STONE LAKE**  
PLAT No.  
**HOWARD COUNTY, MARYLAND**  
ELECTION DISTRICT No. 6  
**CONTRACT No. 34-3948-D**

GLW FILE No.  
99140

SCALE AS SHOWN

SHEET 1 OF 5

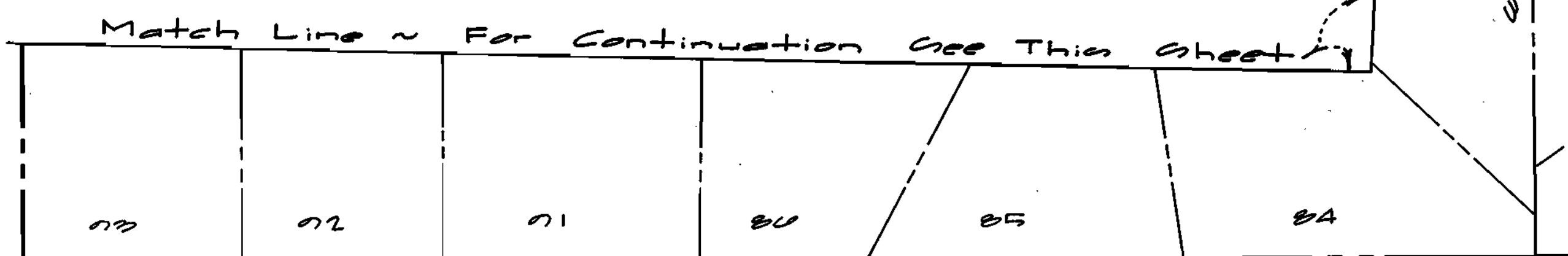
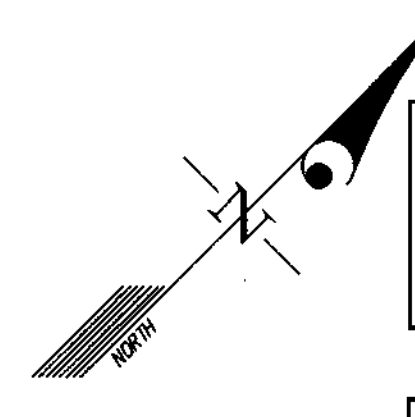


**Contractor's Note**  
 Contractor shall verify invert elevations at all existing utilities where connections are being made. Any discrepancies shall be reported immediately to the engineer.

Note: Contractor is responsible for replacing existing paving removed during construction of proposed B Watermain. See Ho. Co. Ord. G. 4.01

Note: Contractor is responsible to call Miss Utility and coordinate all work around existing utilities with the utility owner prior to construction.

Note: Contractor shall sequence the construction of this contract to avoid any possible conflicts with sediment control measures installed under F-01-204

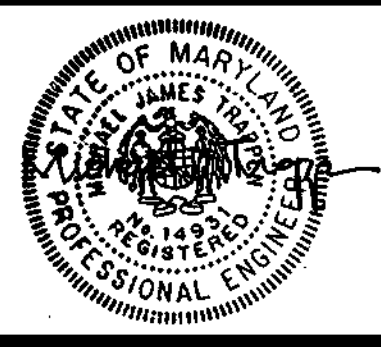


For Profiles see Sheet 4

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 Robert W. Berman 1-25-02  
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY, MARYLAND  
 Howard D. ... 2/1/02  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.  
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
 3909 NATIONAL DRIVE - SUITE 250 - BURTOWNSVILLE OFFICE PARK  
 BURTOWNSVILLE, MARYLAND 20866  
 TEL: 301-421-4024 BALT. 410-890-1820 DC/WA. 301-989-2524 FAX: 301-421-4188



DES: WLB	DATE: 2-01-02
DRN: KLP	BY: NO
CHK:	REVISION
	DATE

WATER & SEWER PLAN  
 SCALE: 1" = 50'  
 600' SCALE MAP NO. 47 BLOCK NO. 2/10

STONE LAKE  
 PLAT No.  
 HOWARD COUNTY, MARYLAND  
 ELECTION DISTRICT No. 6  
 CONTRACT No. 34-3948-D

SCALE AS SHOWN  
 SHEET 2 OF 2

**Contractor's Note**  
 Contractor shall verify invert elevations at all existing utilities where connections are being made. Any discrepancies shall be reported immediately to the engineer.

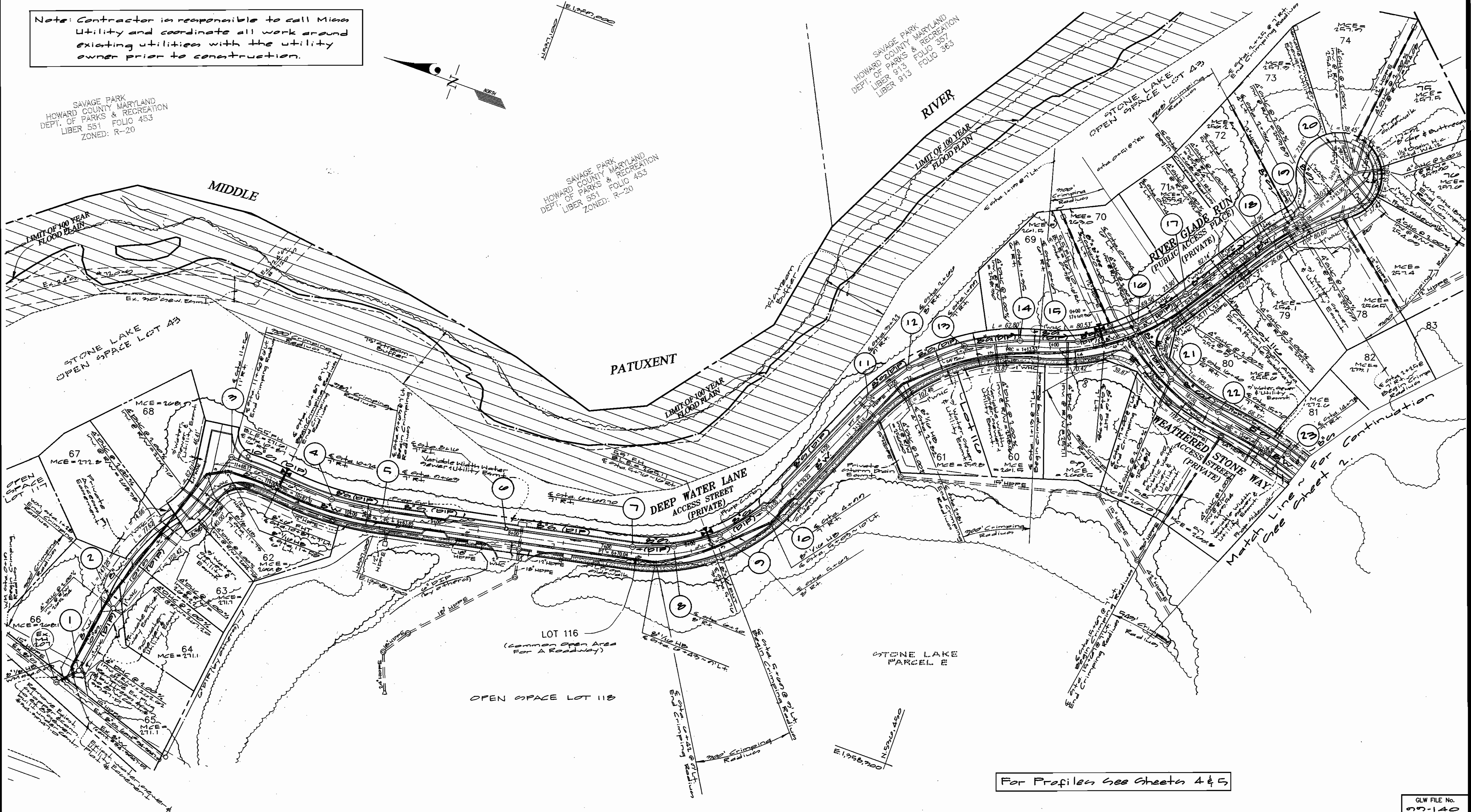
Note: Contractor shall sequence the construction of this contract to avoid any possible conflicts with sediment control measures installed under F-01-204

Note: Contractor is responsible to call Miss Utility and coordinate all work around existing utilities with the utility owner prior to construction.

SAVAGE PARK  
 HOWARD COUNTY MARYLAND  
 DEPT. OF PARKS & RECREATION  
 LIBER 551 FOLIO 453  
 ZONED: R-20

SAVAGE PARK  
 HOWARD COUNTY MARYLAND  
 DEPT. OF PARKS & RECREATION  
 LIBER 551 FOLIO 453  
 ZONED: R-20

SAVAGE PARK  
 HOWARD COUNTY MARYLAND  
 DEPT. OF PARKS & RECREATION  
 LIBER 513 FOLIO 363



For Profiles See Sheets 4 & 5

GLW FILE No. 27-140

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 Robert Brown 1-25-02  
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY, MARYLAND  
 [Signature] 2/1/02  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
 BURTONSVILLE, MARYLAND 20886  
 TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

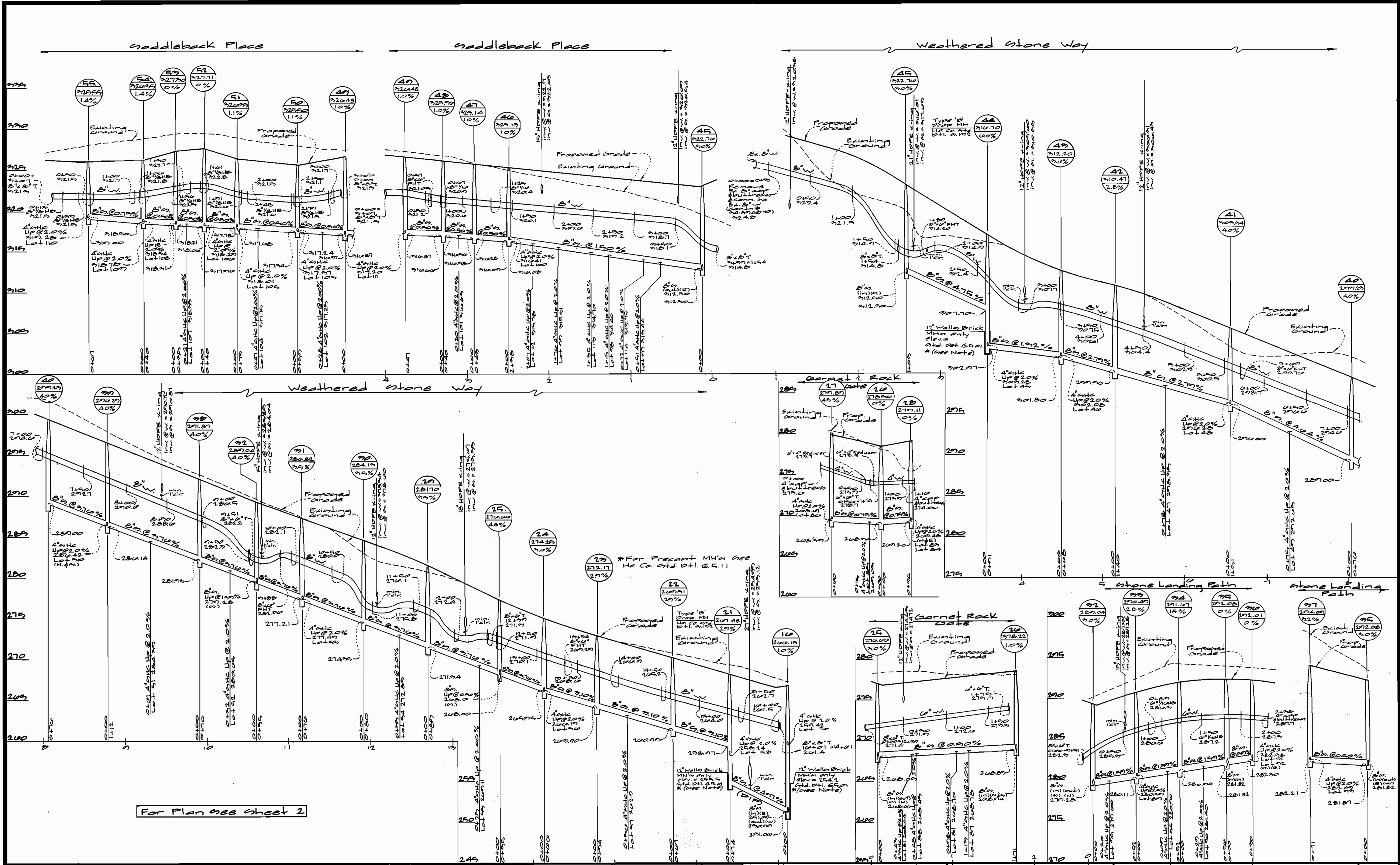


DES: WJS					
DRN: WJS					
CHK:					
DATE: Nov 7 2001	BY	NO	REVISION	DATE	

**WATER & SEWER PLAN**  
 SCALE: 1"=50'  
 600' SCALE MAP NO. 47 BLOCK NO. 212

**STONE LAKE**  
 PLAT No.  
 HOWARD COUNTY, MARYLAND  
 ELECTION DISTRICT No. 6  
 CONTRACT No. 34-3948-D

SCALE AS SHOWN  
 SHEET 2 OF 5



For Plan see Sheet 2

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
R. J. ... 1-25-02  
DATE

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND  
... 2/1/02  
DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 220 - BIRTONSVILLE OFFICE PARK  
BIRTONSVILLE, MARYLAND 20866  
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-889-2524 FAX: 301-421-4186

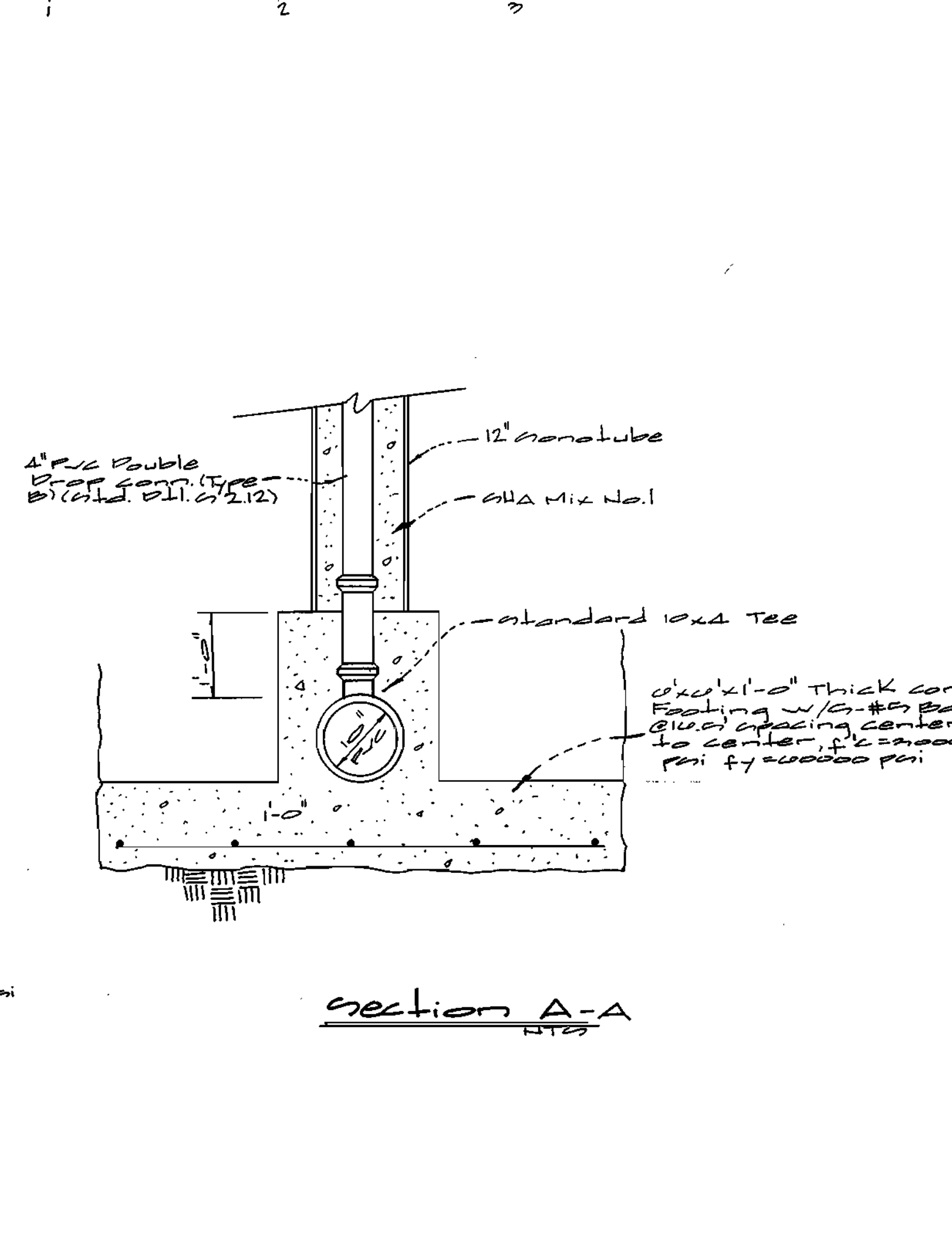
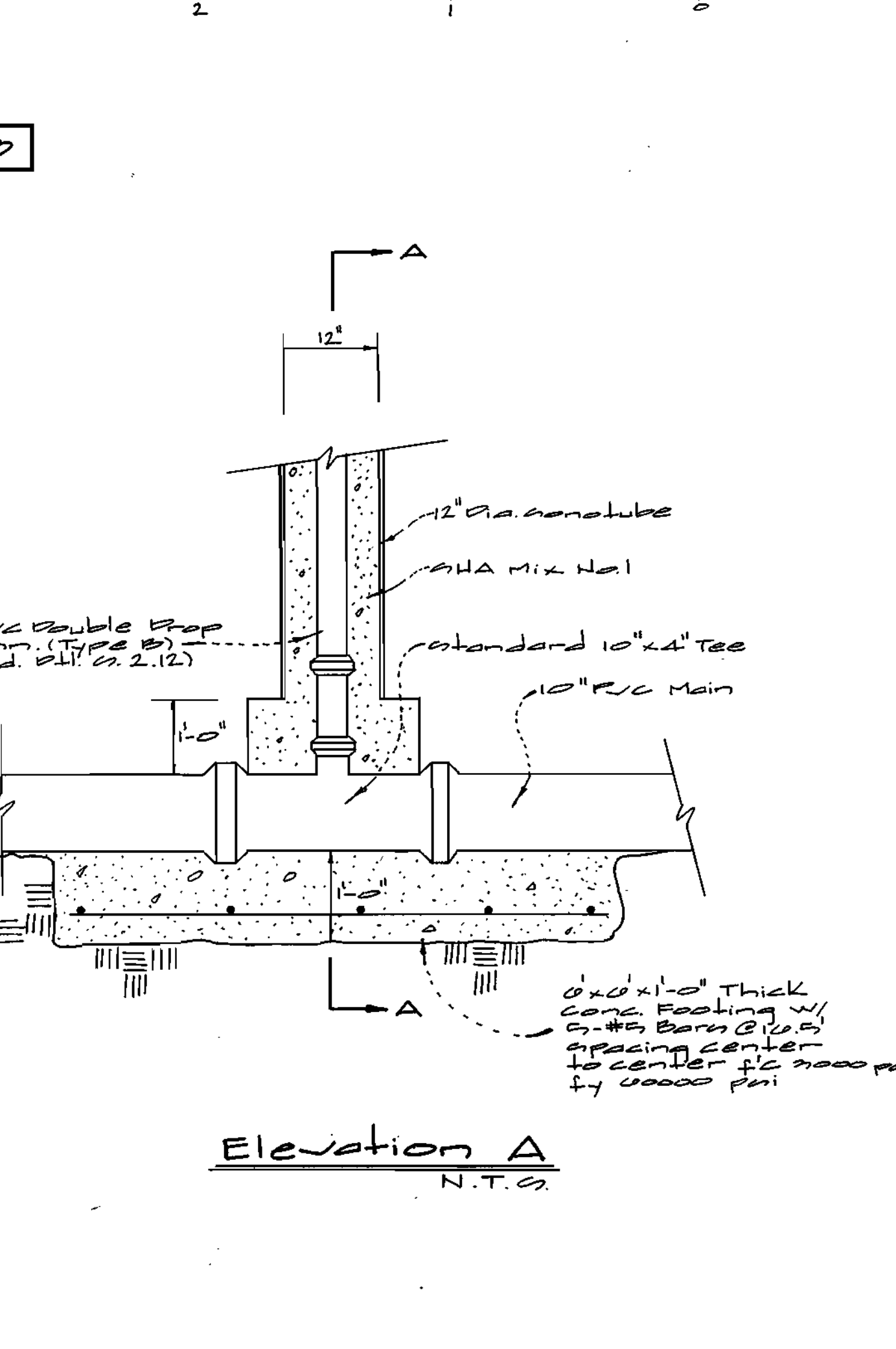
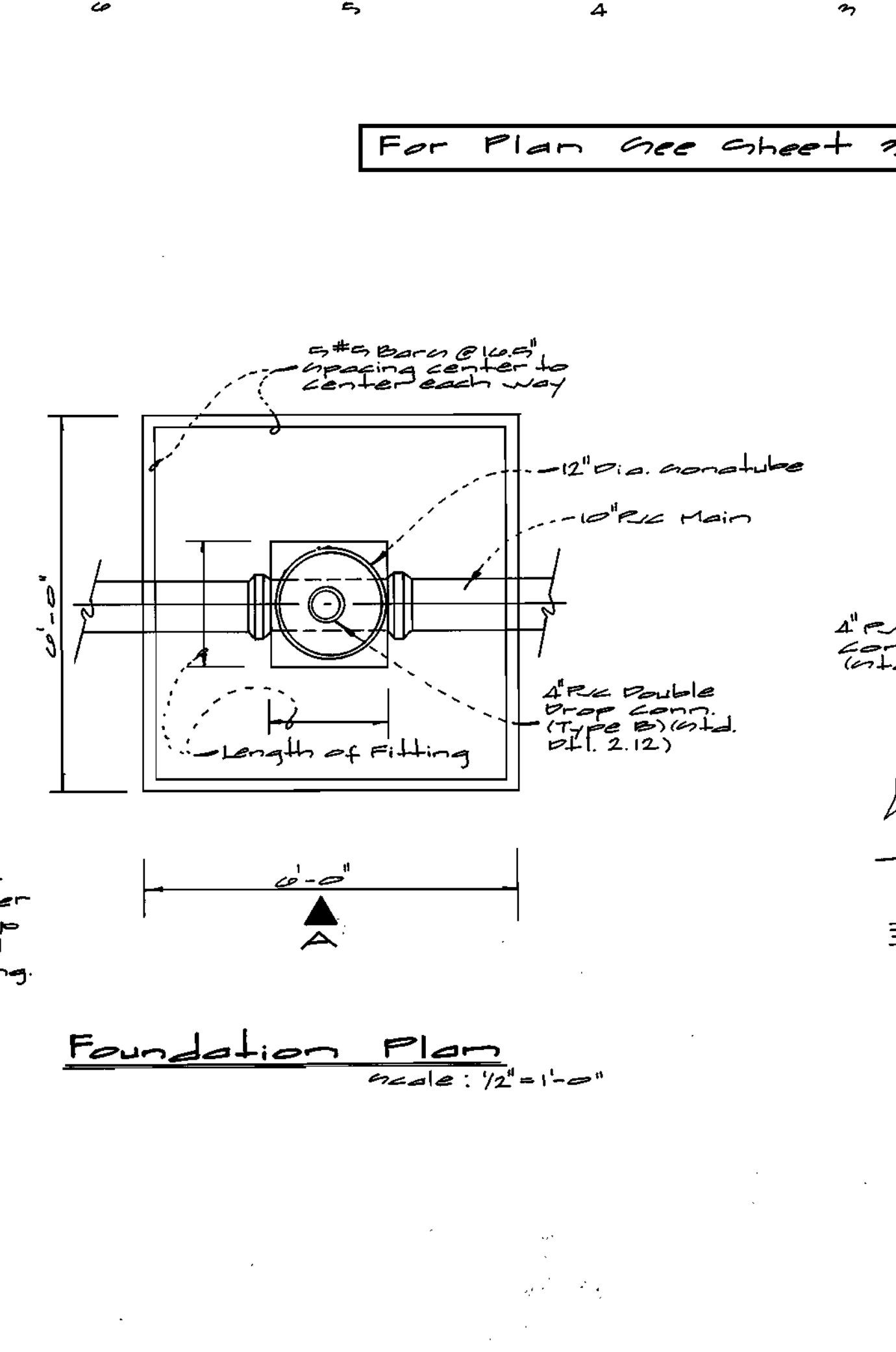
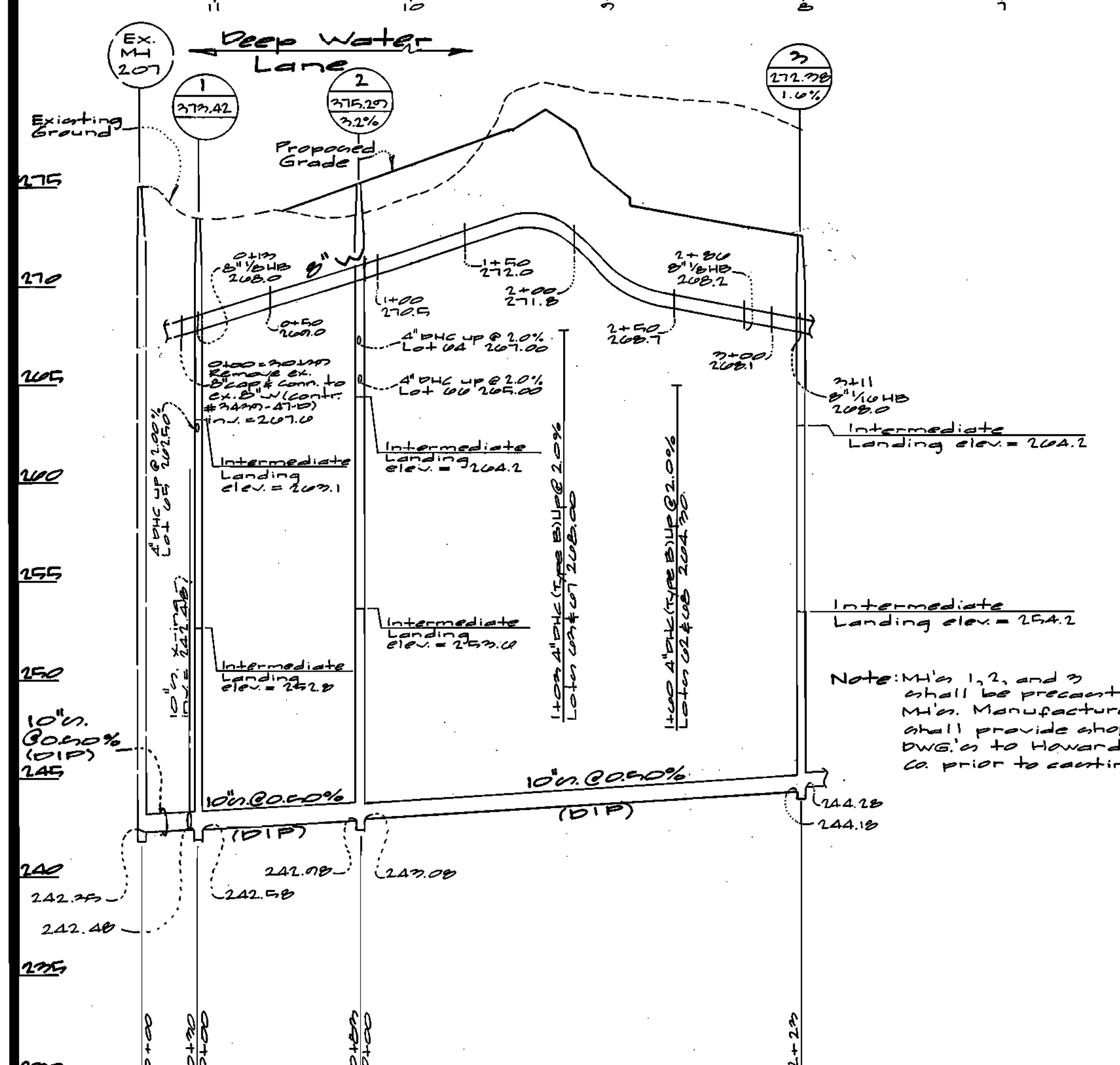
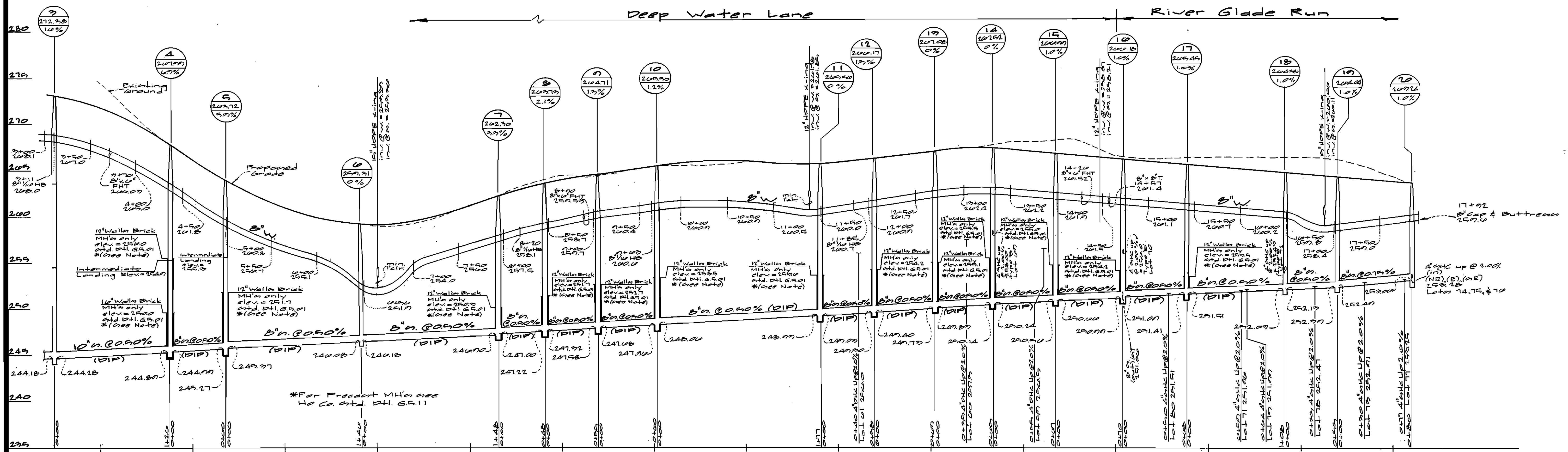


DES: WAJ	17
DRN: WAJ	
CHK:	
DATE: 2001	
BY: NO	REVISION
DATE	DATE

WATER & SEWER PROFILES  
SCALE:  
VERTICAL: 1" = 5'  
HORIZONTAL: 1" = 50'  
600' SCALE MAP NO. 47 BLOCK NO. 0110

STONE LAKE  
PLAT No.  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 6  
CONTRACT No. 34-3948-D

SCALE AS SHOWN  
SHEET 4 OF 5



DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

GLW GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTOWNSVILLE OFFICE PARK  
BURTOWNSVILLE, MARYLAND 20866  
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4188



DES: WAJ				
DRN: WAJ				
CHK:				
DATE: 1/21/02	BY: NO	REVISION	DATE	

WATER & SEWER PROFILES  
SCALE:  
VERTICAL: 1" = 5'  
HORIZONTAL: 1" = 50'

STONE LAKE  
PLAT No.  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 6  
CONTRACT No. 34-3948-D

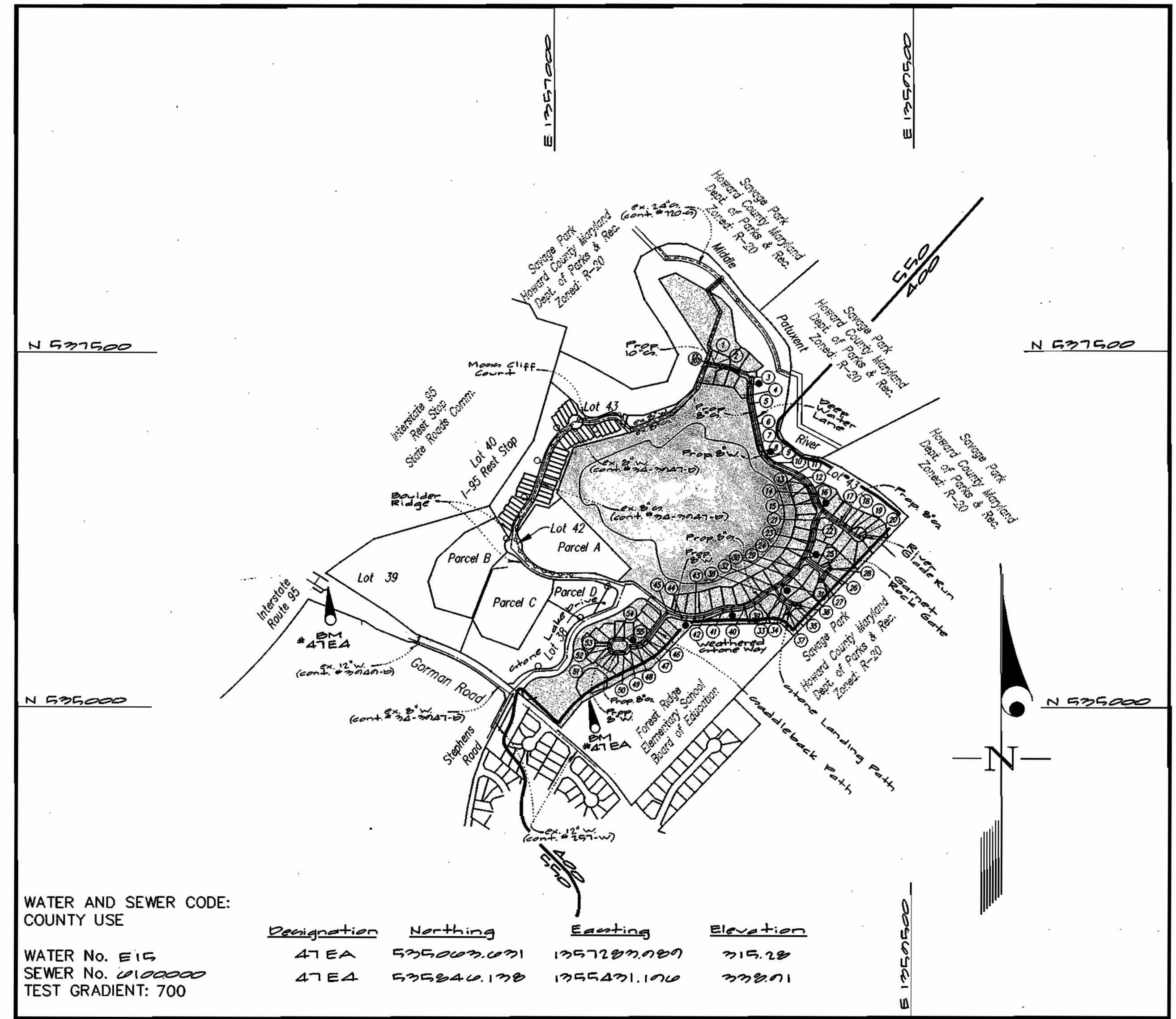
SCALE AS SHOWN  
SHEET 5 OF 5

QUANTITIES				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
8" WATER	4128 LF	3950 LF	CLASS 62	U.S. PIPE & FOUNDRY
6" WATER	474 LF	585 LF	"	"
1" WATER	1507 LF	1911 LF	SOFT K CAPTER	REARMINUTURE / US FILTER
8" SEWER	2502 LF	2476 LF	SDR 35	DIAMOND PLASTIC / US FILTER
8" SEWER (D.I.P.)	1213 LF	1209 LF	CLASS 62	U.S. PIPE & FOUNDRY
10" SEWER (D.I.P.)	448 LF	420 LF	"	"
MANHOLES	55 EA	55 EA	PRECAST	ATLANTIC CONCRETE
8" CAP	1 EA	1 EA	MSCP 153	UNION / US FILTER
8" x 8" TEE	2 EA	3 EA	"	"
8" VALVE	8 EA	8 EA	MS	MUELLER / US FILTER
8" 1/8 H.B.	10 EA	10 EA	MSCP 153	UNION / US FILTER
8" 1/16 H.B.	0 EA	0 EA	"	"
8" x 6" F.H.T. +1	2 EA	2 EA	MS ANOUR	"
FIRE HYDRANT	0 EA	0 EA	HO 120	MUELLER / US FILTER
1 1/2" Drain	1 EA	1 EA	"	"
8" x 6" Tee	2 EA	2 EA	MSCP 153	UNION / US FILTER
6" 1/8 H.B.	2 EA	2 EA	"	"
6" CAP	1 EA	1 EA	"	"
6" Valve	2 EA	3 EA	MS	MUELLER / US FILTER
6" x 6" Tee	1 EA	1 EA	MSCP 153	UNION / US FILTER
4" Water	102 LF	110 LF	CLASS 62	U.S. PIPE & FOUNDRY
6" x 4" Reducer	2 EA	2 EA	MSCP 153	UNION / US FILTER
4" PVC	1244 LF			
4" PVC (Type 'A')	03 LF			
4" PVC (Type 'B')	47 LF			
TOTAL	1404 LF	1464 LF	SDR 35	DIAMOND PLASTIC / US FILTER
Manhole Prep Conn. B	2 EA			

NAME OF UTILITY CONTRACTOR: W.F. WILSON & SONS, INC.

SURVEY AND DRAFTING DIV. CHECKBOX: \_\_\_\_\_ AS-BUILT DATE: \_\_\_\_\_

TYPE OF BUILDING	SINGLE FAMILY
NUMBER OF UNITS	70 LOTS
NUMBER OF S.H.C.'s	70
NUMBER OF W.H.C.'s	71
DRAINAGE AREA	MIDDLE PATUXENT
TREATMENT PLANT	LITTLE PATUXENT WATER RECLAMATION PLANT



VICINITY MAP  
SCALE: 1"=600'

STONE LAKE - PHASE II (CONTRACT B)  
 CONTRACT No. 34-3948-D  
 LOTS 45 THRU 118  
 Weathered Stone Way, Deep Water Lane, Stone Landing Path,  
 Saddleback Place, Garnet Rock Gate & River Glade Run  
 LIBER 5289 FOLIO 330  
 HOWARD COUNTY, MARYLAND  
 DEPARTMENT OF PUBLIC WORKS

GENERAL NOTES

- PART I
- 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 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 contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the contractor's work requires the 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 Detail 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 symbol at the location of the test pit. A note or 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.
  - Contractor shall notify the following utility companies or agencies at least (5) working days before starting work shown on these plans:
 

State Highway Administration	410-531-5533
BGE Contractor Services	410-850-4620
BGE Under Ground Damage Control	410-291-4607
Miss Utility	1-800-257-7777
Colonial Pipeline Co.	410-549-4120
Howard County Department of Public Works	
Bureau of Utilities	313-4900
Verizon	1-800-446-5266
  - 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 the main.
  - 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 on County roads for laying water/sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirement per Section 18.114(a) of the Howard County Code.
- PART II - WATER
- 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 the 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.
- PART III - SEWER
- All sewer mains shall be D.I.P. 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 frame and cover is used, set top of frame 1'-6" above finished grade unless otherwise noted on drawings.
  - House(s) with the symbol "C.N.S." indicates that cellar cannot be served.

Sediment Control Measures will be implemented in accordance with Section 219 of the Specifications & 201-204.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.

*Jim Myer* 1/30/02  
 SIGNATURE DATE  
 U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE

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

APPROVED:  
*John R. Robertson* 1/30/02  
 HOWARD S.C.D. DATE

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

*Robert B. Bunker* 1-25-02  
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY, MARYLAND

*John J. ...* 2/1/02  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.  
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
 BURTONSVILLE, MARYLAND 20866  
 TEL: 301-421-4024 BALT. 410-380-1820 DC/VA. 301-989-2524 FAX: 301-421-4186



DES: RSP			
DRN: WSJ/CAD			
CHK: MJT			
DATE: 2001	K.C.I.	AS-BUILT DATA ADDED	12/09/02
BY: NO		REVISION	DATE

TITLE SHEET  
 SCALE: AS SHOWN

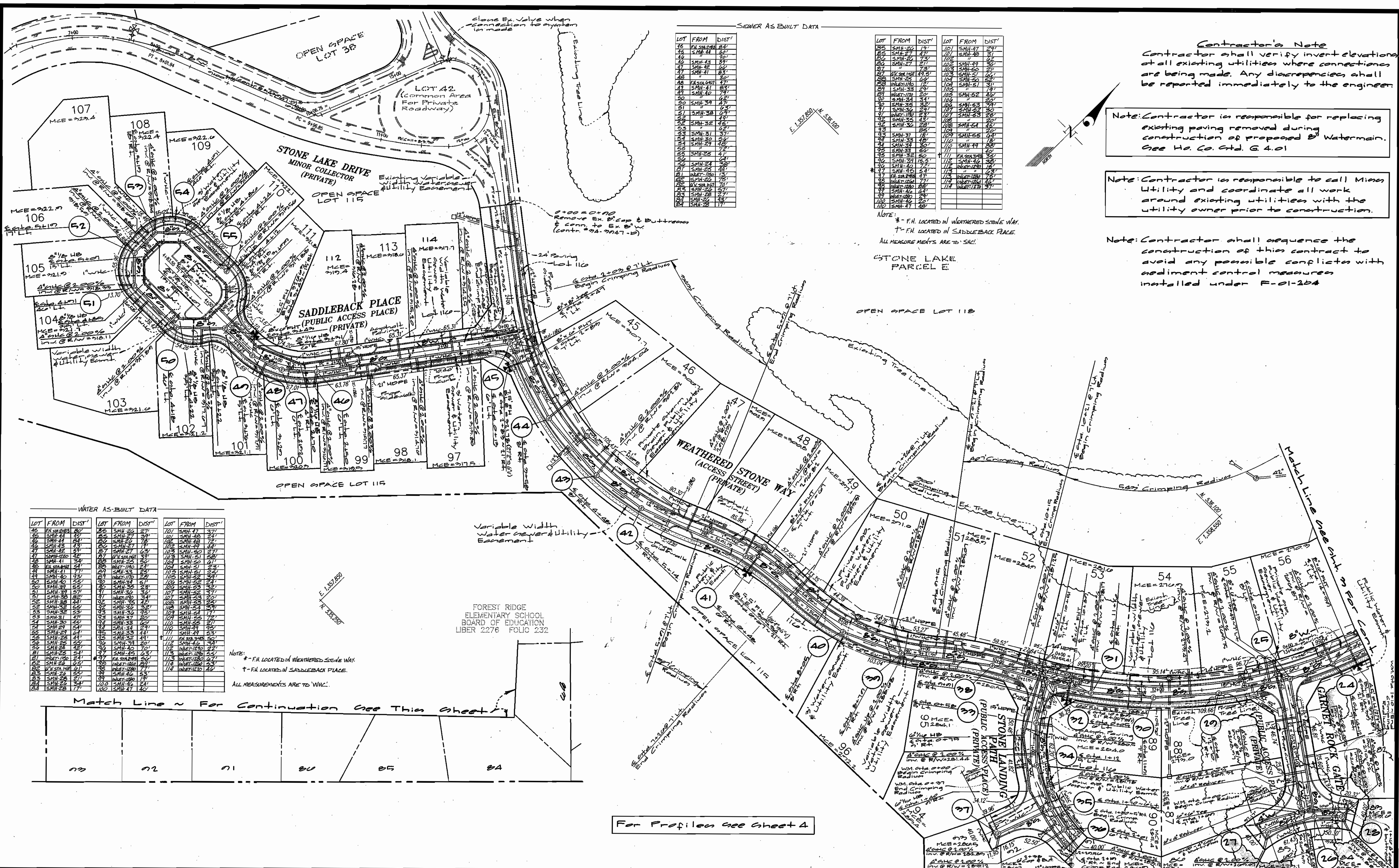
600' SCALE MAP NO. 47 BLOCK NO. 9/10

STONE LAKE  
 PLAT No.  
 HOWARD COUNTY, MARYLAND  
 ELECTION DISTRICT No. 6  
 CONTRACT No. 34-3948-D

SCALE AS SHOWN

SHEET 1 OF 5

GLW FILE No. 99140



SEWER AS BUILT DATA

LOT	FROM	DIST'
16	SMH-24	24'
15	SMH-24	24'
14	SMH-24	24'
13	SMH-24	24'
12	SMH-24	24'
11	SMH-24	24'
10	SMH-24	24'
9	SMH-24	24'
8	SMH-24	24'
7	SMH-24	24'
6	SMH-24	24'
5	SMH-24	24'
4	SMH-24	24'
3	SMH-24	24'
2	SMH-24	24'
1	SMH-24	24'

LOT	FROM	DIST'	LOT	FROM	DIST'
107	SMH-24	24'	107	SMH-24	24'
108	SMH-24	24'	108	SMH-24	24'
109	SMH-24	24'	109	SMH-24	24'
110	SMH-24	24'	110	SMH-24	24'
111	SMH-24	24'	111	SMH-24	24'
112	SMH-24	24'	112	SMH-24	24'
113	SMH-24	24'	113	SMH-24	24'
114	SMH-24	24'	114	SMH-24	24'

WATER AS-BUILT DATA

LOT	FROM	DIST'	LOT	FROM	DIST'	LOT	FROM	DIST'
45	SMH-24	24'	45	SMH-24	24'	107	SMH-24	24'
46	SMH-24	24'	46	SMH-24	24'	108	SMH-24	24'
47	SMH-24	24'	47	SMH-24	24'	109	SMH-24	24'
48	SMH-24	24'	48	SMH-24	24'	110	SMH-24	24'
49	SMH-24	24'	49	SMH-24	24'	111	SMH-24	24'
50	SMH-24	24'	50	SMH-24	24'	112	SMH-24	24'
51	SMH-24	24'	51	SMH-24	24'	113	SMH-24	24'
52	SMH-24	24'	52	SMH-24	24'	114	SMH-24	24'

**Contractor's Note**  
Contractor shall verify invert elevations of all existing utilities where connections are being made. Any discrepancies shall be reported immediately to the engineer.

Note: Contractor is responsible for replacing existing paving removed during construction of proposed 8" Watermain. See Ho. Co. Std. G 4.01

Note: Contractor is responsible to call Miss Utility and coordinate all work around existing utilities with the utility owner prior to construction.

Note: Contractor shall sequence the construction of this contract to avoid any possible conflicts with sediment control measures installed under F-01-204

NOTE:  
\* - FH LOCATED IN WEATHERED STONE WAY.  
† - FH LOCATED IN SADDLEBACK PLACE.  
ALL MEASUREMENTS ARE TO "SCL"

STONE LAKE PARCEL E

NOTE:  
\* - FH LOCATED IN WEATHERED STONE WAY.  
† - FH LOCATED IN SADDLEBACK PLACE.  
ALL MEASUREMENTS ARE TO "SCL"

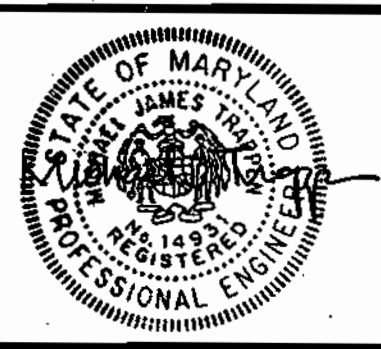
Match Line ~ For Continuation See This Sheet ~

For Profiles See Sheet 4

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
Robert Benjamin 1-25-02  
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND  
Chief, Development Engineering Division 2/1/02  
DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3009 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20866  
TEL: 301-421-4024 FAX: 301-989-2524



DESIGN	DATE	BY	NO.	REVISION	DATE
DES: WJD	2-1-02				
DRN: KLF					
CHK:					

WATER & SEWER PLAN  
SCALE: 1" = 50'  
600' SCALE MAP NO. 47 BLOCK NO. 2/0

Match Line ~ For Continuation See This Sheet ~  
**STONE LAKE**  
PLAT No.  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 6  
CONTRACT No. 34-3948-D

SCALE AS SHOWN  
SHEET 2 OF 3

**Contractor's Note**  
 Contractor shall verify invert elevations at all existing utilities where connections are being made. Any discrepancies shall be reported immediately to the engineer.

**Note:** Contractor shall sequence the construction of this contract to avoid any possible conflicts with sediment control measures installed under P-01-204

**Note:** Contractor is responsible to call Midd Utility and coordinate all work around existing utilities with the utility owner prior to construction.

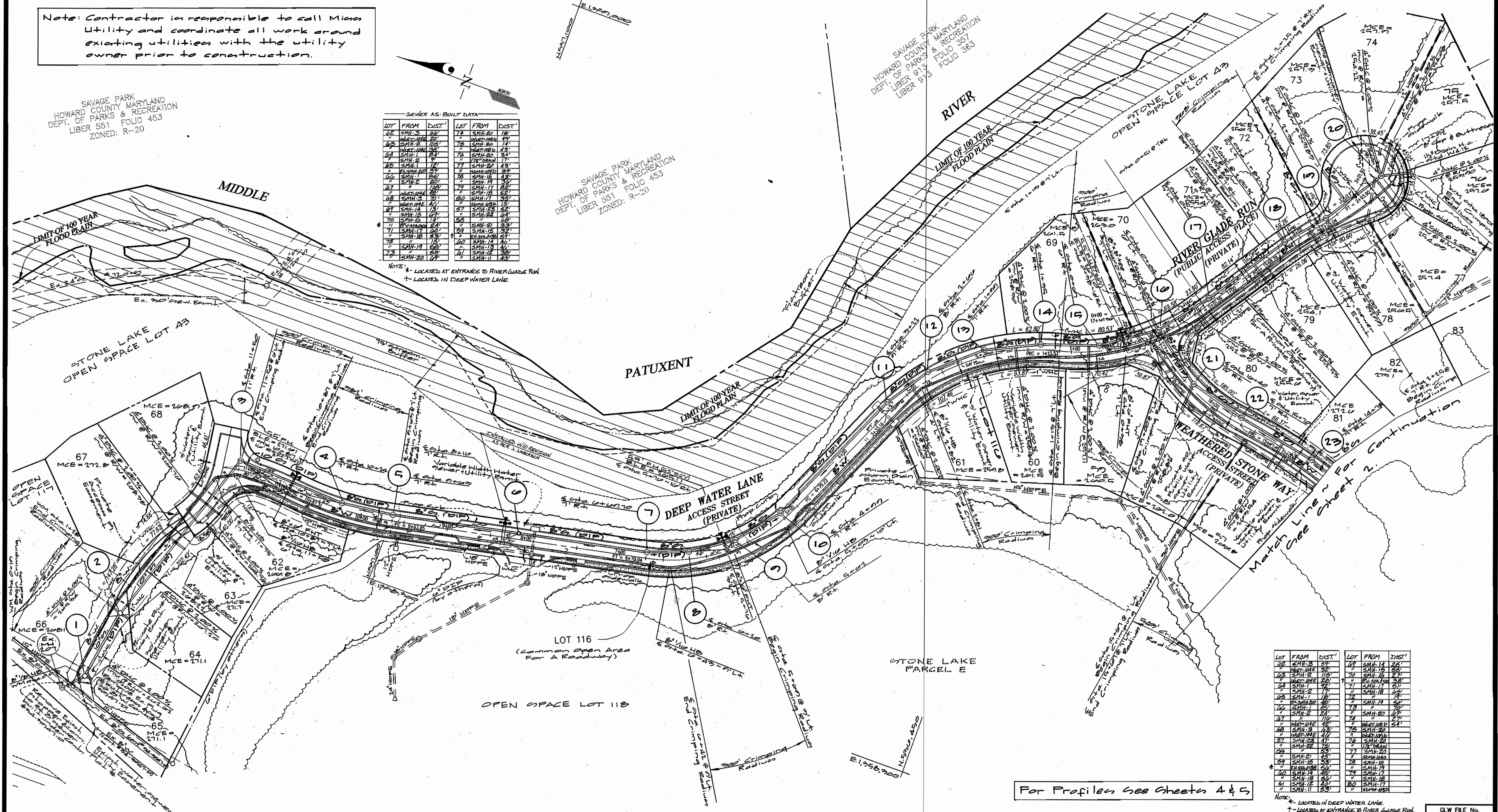
SAVAGE PARK  
 HOWARD COUNTY MARYLAND  
 DEPT. OF PARKS & RECREATION  
 LIBER 551 FOLIO 453  
 ZONED: R-20

SAVAGE PARK  
 HOWARD COUNTY MARYLAND  
 DEPT. OF PARKS & RECREATION  
 LIBER 513 FOLIO 357  
 LIBER 513 FOLIO 363

SEWER AS-BUILT DATA

LOT	FROM	DIST'	LOT	FROM	DIST'
62	SMH-3	206'	74	SMH-22	78'
63	SMH-2	205'	75	SMH-20	77'
64	SMH-1	204'	76	SMH-19	76'
65	SMH-2	203'	77	SMH-18	75'
66	SMH-1	202'	78	SMH-17	74'
67	SMH-2	201'	79	SMH-16	73'
68	SMH-1	200'	80	SMH-15	72'
69	SMH-2	199'	81	SMH-14	71'
70	SMH-1	198'	82	SMH-13	70'
71	SMH-2	197'	83	SMH-12	69'
72	SMH-1	196'	84	SMH-11	68'
73	SMH-2	195'			
74	SMH-1	194'			

NOTE: \* - LOCATED AT ENTRANCE TO RIVERGLADE RUN  
 † - LOCATED IN DEEP WATER LANE



LOT	FROM	DIST'	LOT	FROM	DIST'
62	SMH-3	206'	74	SMH-22	78'
63	SMH-2	205'	75	SMH-20	77'
64	SMH-1	204'	76	SMH-19	76'
65	SMH-2	203'	77	SMH-18	75'
66	SMH-1	202'	78	SMH-17	74'
67	SMH-2	201'	79	SMH-16	73'
68	SMH-1	200'	80	SMH-15	72'
69	SMH-2	199'	81	SMH-14	71'
70	SMH-1	198'	82	SMH-13	70'
71	SMH-2	197'	83	SMH-12	69'
72	SMH-1	196'	84	SMH-11	68'

NOTE: \* - LOCATED IN DEEP WATER LANE  
 † - LOCATED AT ENTRANCE TO RIVERGLADE RUN

For Profiles See Sheets 4 & 5

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 Robert D. Bauman 1-25-02  
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY, MARYLAND  
 [Signature] 2/1/02  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.  
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
 3908 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
 BURTONSVILLE, MARYLAND 20886  
 TEL: 301-421-4024 BAL: 410-580-1820 DC/VA: 301-985-2524 FAX: 301-421-4186



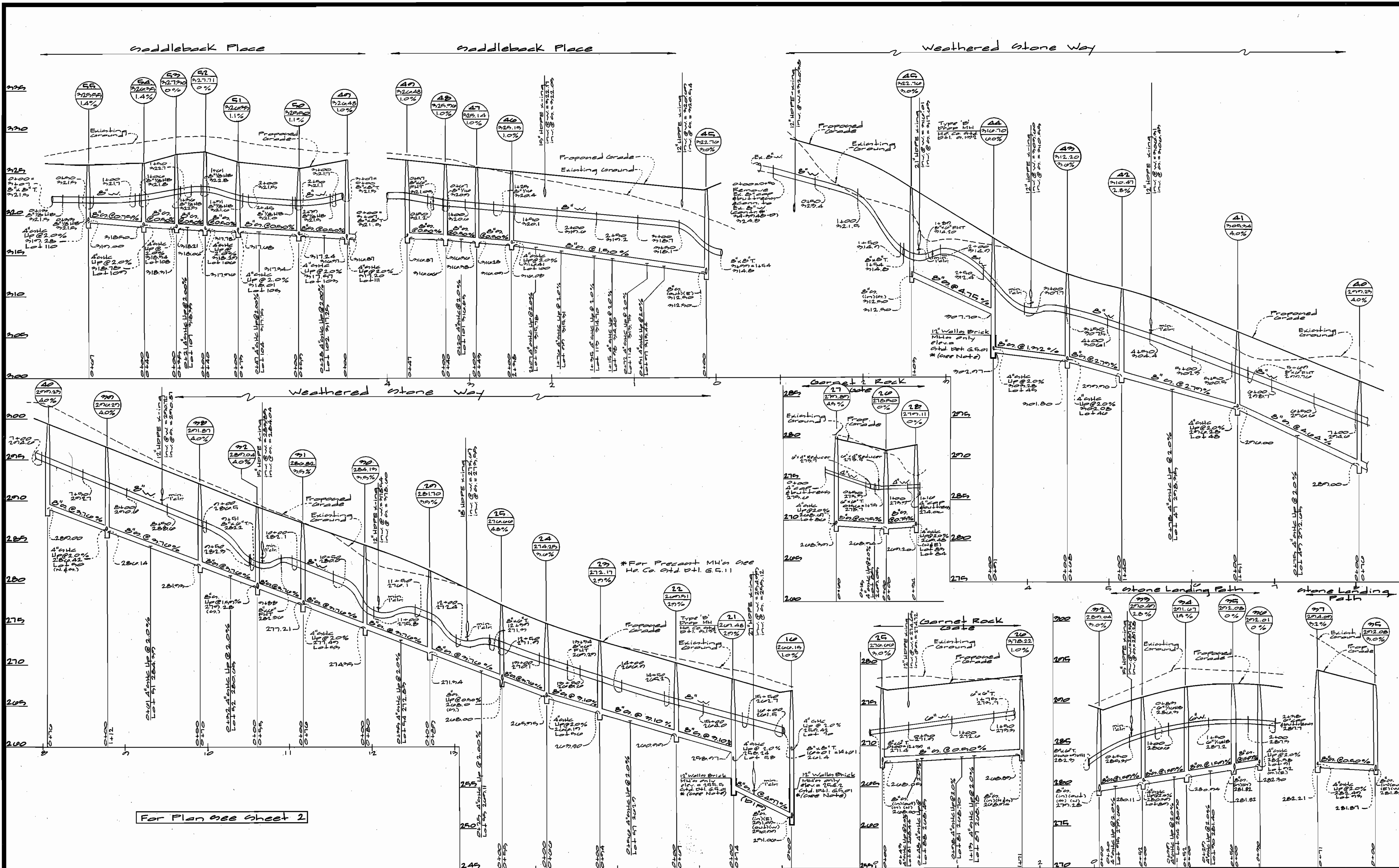
DES: WBJ			
DRN: KLP			
CHK:			
DATE: Nov 10 2001	BY: NO	REVISION: AS-BUILT DATA ADDED TO PLAN	DATE: 12/09/02

WATER & SEWER PLAN  
 SCALE: 1"=50'  
 600' SCALE MAP NO. 47 BLOCK NO. 2112

STONE LAKE  
 PLAT NO.  
 HOWARD COUNTY, MARYLAND  
 ELECTION DISTRICT No. 6  
 CONTRACT No. 34-3948-D

SCALE AS SHOWN  
 SHEET 2 OF 5



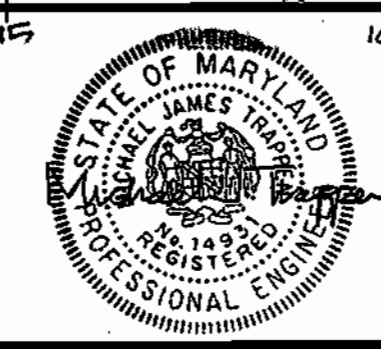


For Plan see sheet 2

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
Ruth Roman 1-25-02  
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND  
Ruth Roman 2/1/02  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3809 NATIONAL DRIVE - SUITE 250 - BURTNSVILLE OFFICE PARK  
BURTNSVILLE, MARYLAND 20866  
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

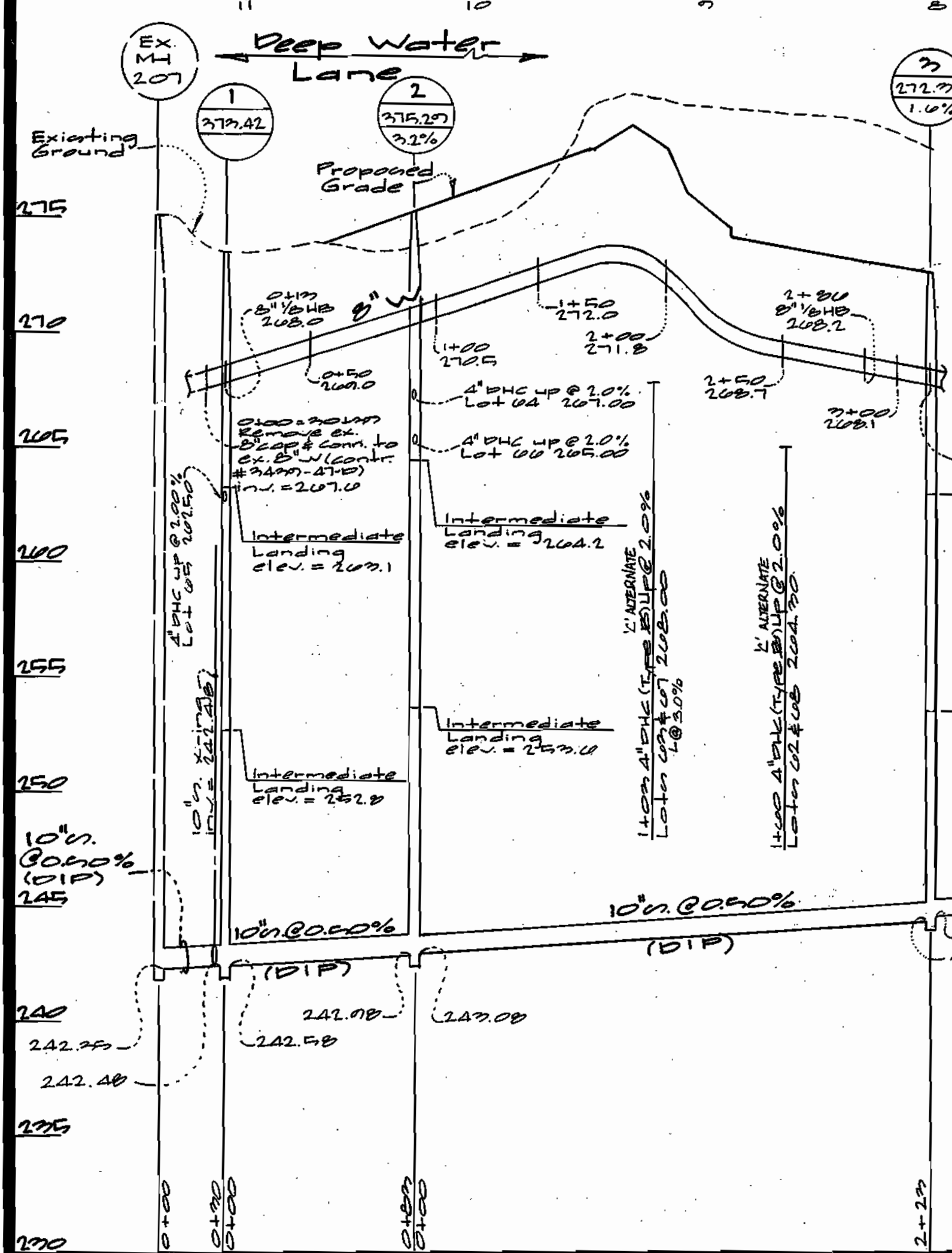
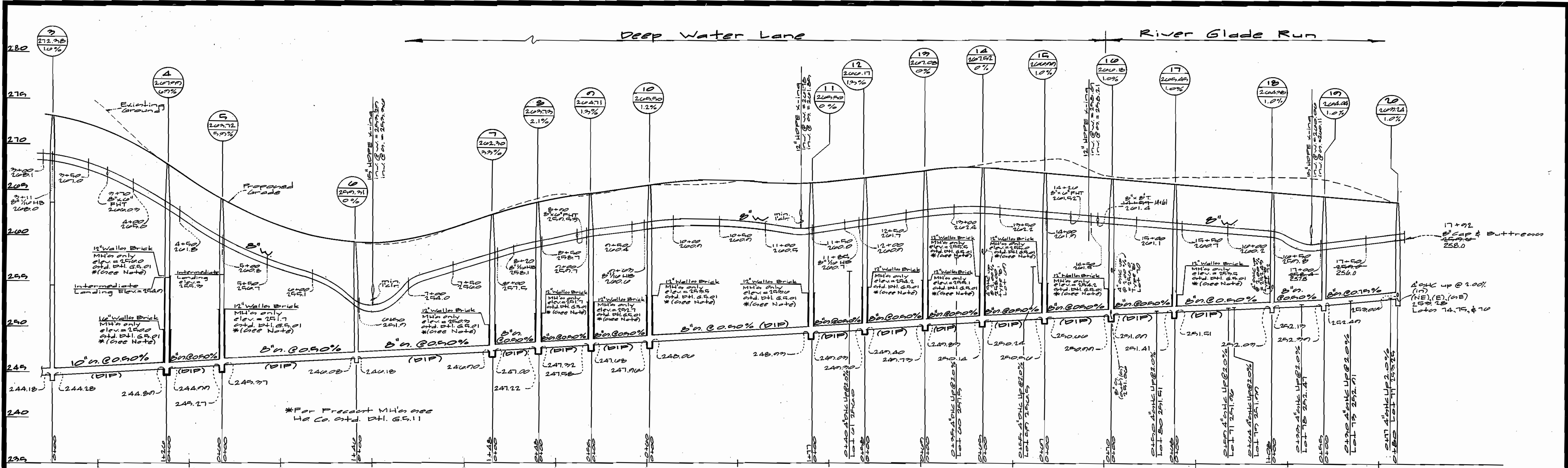


DES: WJL	BY	NO	REVISION	DATE
DRN: WJL				
CHK:				
DATE: 2001				

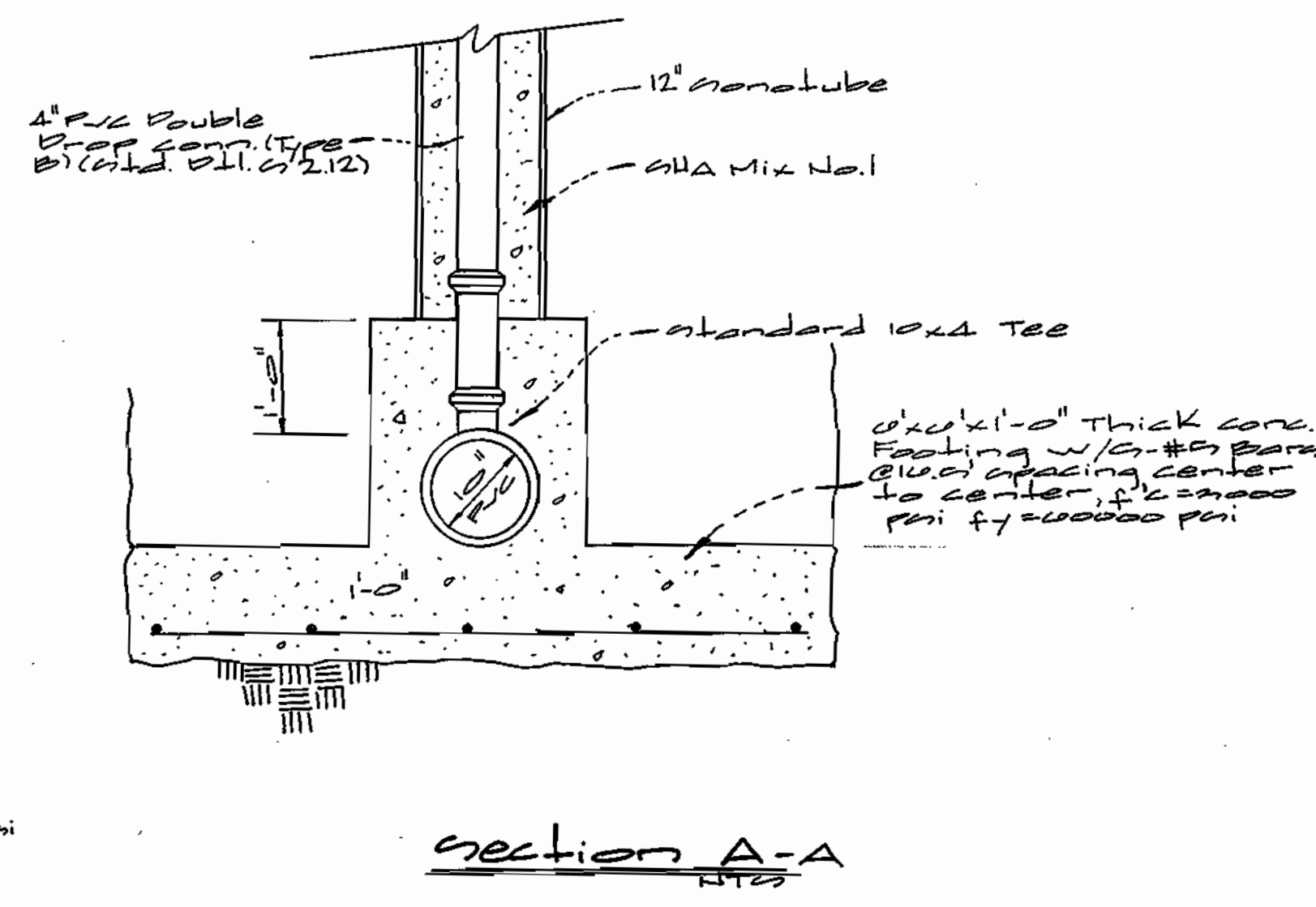
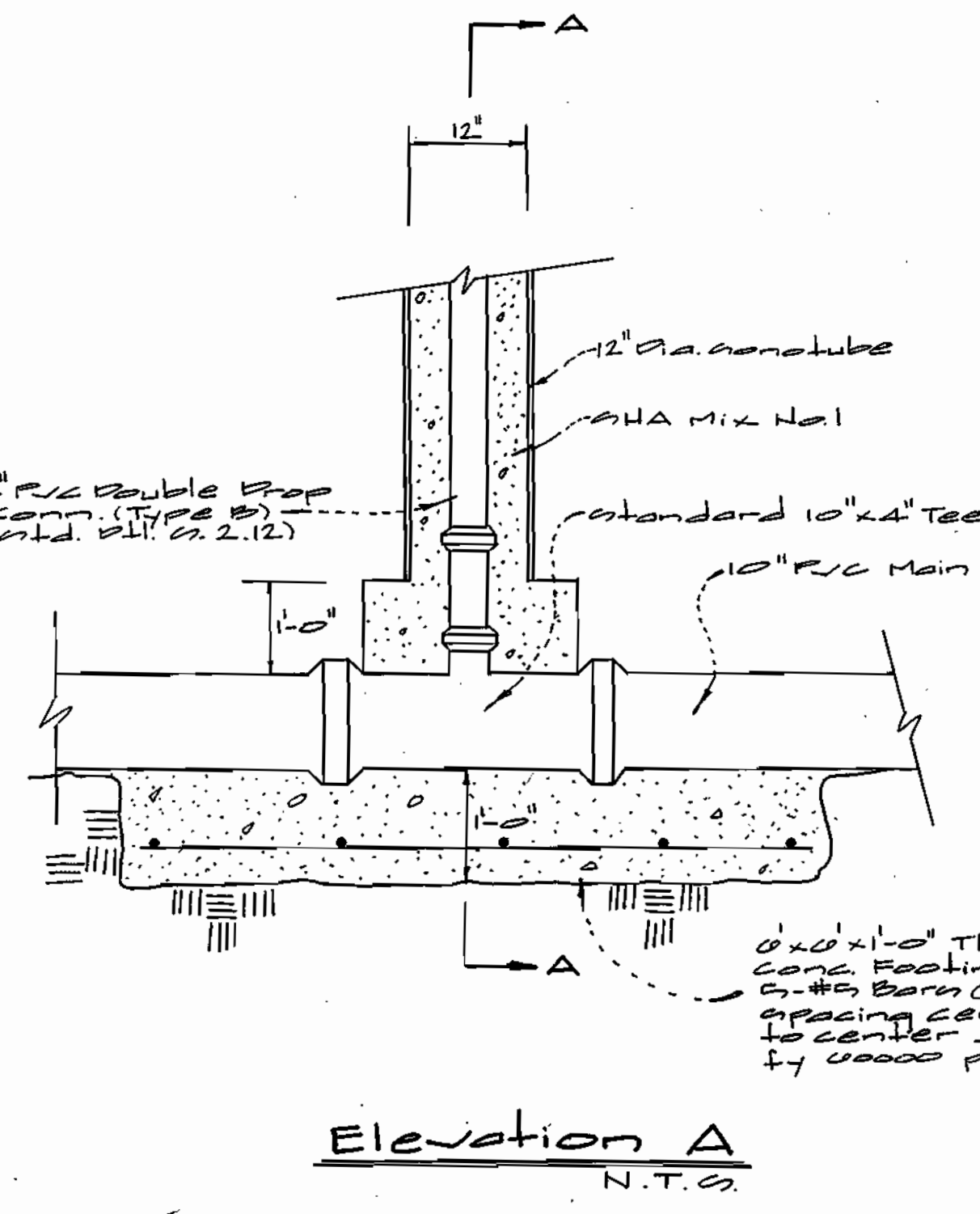
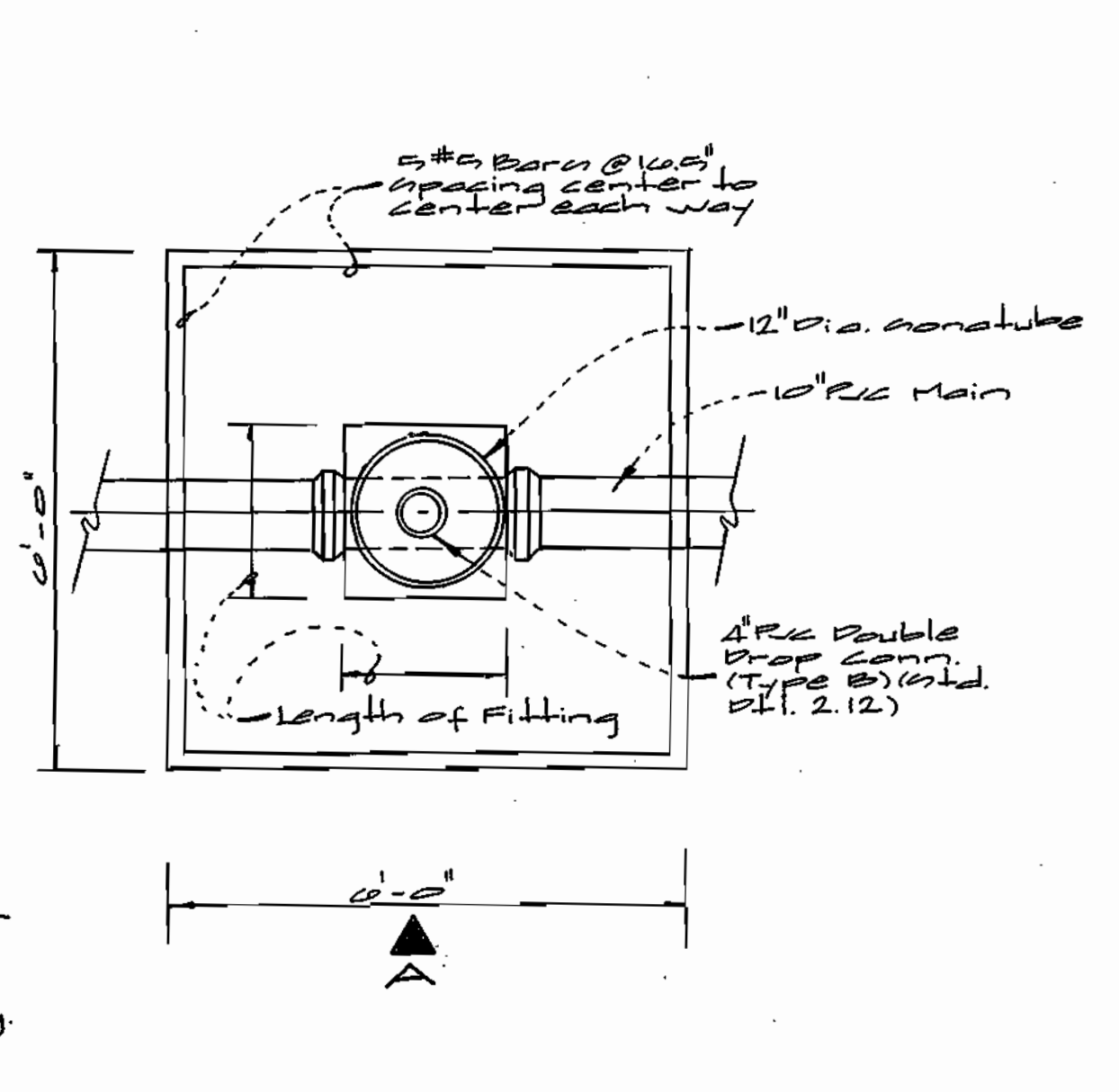
WATER & SEWER PROFILES  
SCALE:  
VERTICAL: 1" = 5'  
HORIZONTAL: 1" = 50'  
600' SCALE MAP NO. 47 BLOCK NO. 210

STONE LAKE  
PLAT No.  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 6  
CONTRACT No. 34-3948-D

SCALE AS SHOWN  
SHEET 4 OF 5



For Plan See Sheet 2



DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
1-25-02  
DATE

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND  
2/1/02  
DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20866  
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186



DES: W&J			
DRN: W&J			
CHK:			
DATE: 2/1/02			
BY	NO	REVISION	DATE

WATER & SEWER PROFILES  
SCALE:  
VERTICAL: 1" = 5'  
HORIZONTAL: 1" = 50'  
600' SCALE MAP NO. 47 BLOCK NO. 010

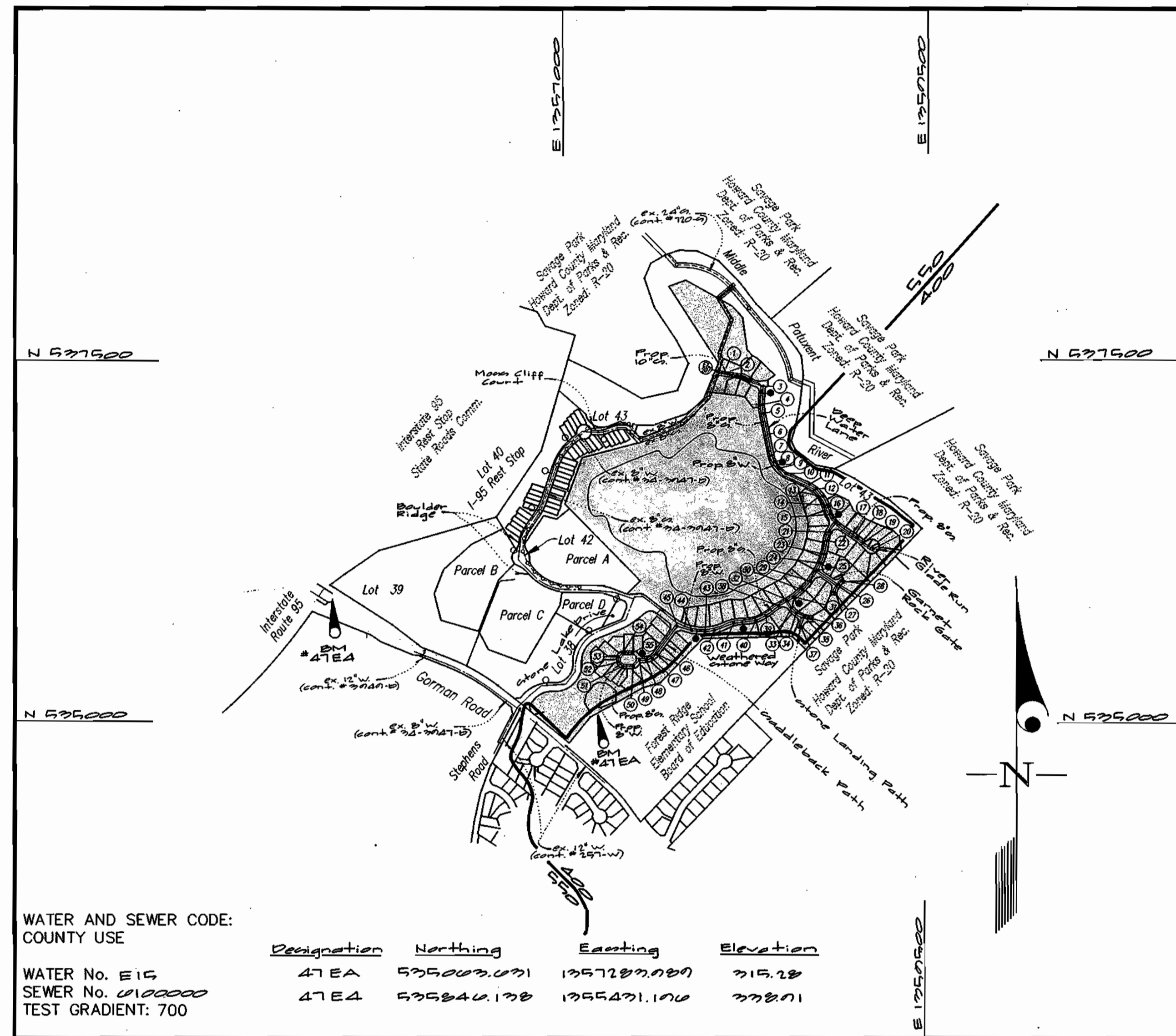
STONE LAKE  
PLAT No.  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 6  
CONTRACT No. 34-3948-D

SCALE AS SHOWN  
SHEET 5 OF 5

QUANTITIES				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
8" WATER	4128 L.F.	3950 L.F.	CLASS 62	U.S. PIPE & FOUNDRY
6" WATER	517 L.F.	505 L.F.	"	"
1" WATER	1502 L.F.	1911 L.F.	SOFT R. CAPPER	READING TUBE / U.S. FILTER
8" SEWER	2502 L.F.	2475 L.F.	SDR 36	DIAMOND PLASTICS / U.S. FILTER
8" SEWER (D.I.P.)	1213 L.F.	1209 L.F.	CLASS 62	U.S. PIPE & FOUNDRY
10" SEWER (D.I.P.)	448 L.F.	420 L.F.	"	"
MANHOLES (D.I.P.)	55 EA.	55 EA.	PRECAST	ATLANTIC CONCRETE
8" CAP	1 EA.	1 EA.	MSCP 153	UNION / U.S. FILTER
8" x 8" TEE	2 EA.	3 EA.	"	"
8" VALVE	2 EA.	2 EA.	MS	MUELLER / U.S. FILTER
8" 1/8" H.B.	10 EA.	10 EA.	M.V.S. CP153	UNION / U.S. FILTER
8" 1/16" H.B.	1 EA.	2 EA.	"	"
8" x 6" F.H.T. + 1	9 EA.	8 EA. + 1	MS ANCOR	"
FIRE HYDRANT	9 EA. + 1	8 EA. + 1	Ho/Co	MUELLER / U.S. FILTER
1 1/2" Drain	1 EA.	1 EA.	"	"
8" x 4" Tee	2 EA.	2 EA.	MSCP 153	UNION / U.S. FILTER
8" 1/8" H.B.	2 EA.	2 EA.	"	"
8" Cap	1 EA.	1 EA.	"	"
8" Valve	2 EA. (12000)	3 EA.	MS	MUELLER / U.S. FILTER
8" x 4" Tee	1 EA.	1 EA.	MSCP 153	UNION / U.S. FILTER
4" Water	102 L.F.	110 L.F.	CLASS 62	U.S. PIPE & FOUNDRY
4" x 2" Reducer	2 EA.	2 EA.	MSCP 153	UNION / U.S. FILTER
4" PVC	1271 L.F.			
4" PVC (Type A)	03 L.F.			
4" PVC (Type B)	00 L.F.			
TOTAL	1406 L.F.	1464 L.F.	SDR 36	DIAMOND PLASTICS / U.S. FILTER
Manhole Drop Conn. B	2 EA.			
Manhole Drop Conn. A	1 EA.			
3/4" Water	13 L.F.			

NAME OF UTILITY CONTRACTOR: W.F. WILSON & SONS, INC.

SURVEY AND DRAFTING DIV. CHECKBOX: \_\_\_\_\_ AS-BUILT DATE: \_\_\_\_\_



VICINITY MAP  
SCALE: 1"=600'

STONE LAKE - PHASE II (CONTRACT B)

CONTRACT No. 34-3948-D  
LOTS 45 THRU 118

Weathered Stone Way, Deep Water Lane, Stone Landing Path,  
Saddleback Place, Gannet Rock Gate & River Glade Run  
LIBER 5289 FOLIO 330

HOWARD COUNTY, MARYLAND  
DEPARTMENT OF PUBLIC WORKS

TYPE OF BUILDING	SINGLE FAMILY
NUMBER OF UNITS	70 LOTS
NUMBER OF S.H.C.'s	70
NUMBER OF W.H.C.'s	71
DRAINAGE AREA	MIDDLE PATUXENT
TREATMENT PLANT	LITTLE PATUXENT WATER RECLAMATION PLANT

GENERAL NOTES

- PART I
- 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 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 contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the contractor's work 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 Detail 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 symbol  $\oplus$  at the location of the test pit. A note or 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.
  - Contractor shall notify the following utility companies or agencies at least (5) working days before starting work shown on these plans:

State Highway Administration	410-531-5533
BCE Contractor Services	410-850-4820
BCE Under Ground Damage Control	410-291-4607
Miss Utility	1-800-257-7777
Colonial Pipeline Co.	410-549-4120
Howard County Department of Public Works	
Bureau of Utilities	313-4900
Verizon	1-800-446-5266

- 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 the main.
- 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 on County roads for laying water/sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirement per Section 18.114(a) of the Howard County Code.

PART II - WATER

- 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 the 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.

PART III - SEWER

- 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 frame and cover is used, set top of frame 1'-6" above finished grade unless otherwise noted on drawings.
- House(s) with the symbol "C.N.S." indicates that cellar cannot be served.

Sediment Control Measures will be implemented in accordance with Section 219 of the Specifications & P-1-104.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.

*Jim Mayne* 1/30/02  
SIGNATURE DATE  
U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE

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

APPROVED: *John R. Robertson* 1/30/02  
HOWARD S.C.D. DATE

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
*Keith Bunn* 1-25-02  
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND  
*John R. Robertson* 2/1/02  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 22066  
TEL: 301-421-0224 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4166



DES: RSP			
DRN: WSJ/CAD			
CHK: MJT	fmw	1	1
DATE: 2001	K.C.I.	1	1
	BY	NO	

REVISION: *Revise Quantities Box & No. of Conds.* 2-15-02  
*AS-BUILT DATA ADDED* 12/09/02

TITLE SHEET  
SCALE: AS SHOWN  
600' SCALE MAP NO. 47 BLOCK NO. 9/10

STONE LAKE  
PLAT No.  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 6  
CONTRACT No. 34-3948-D

GLW FILE No. 99140

SCALE AS SHOWN  
SHEET 1 OF 5

**Contractor's Note**  
 Contractor shall verify invert elevations at all existing utilities where connections are being made. Any discrepancies shall be reported immediately to the engineer.

Note: Contractor shall sequence the construction of this contract to avoid any possible conflicts with sediment control measures installed under P-01-204

Note: Contractor is responsible to call Missa Utility and coordinate all work around existing utilities with the utility owner prior to construction.

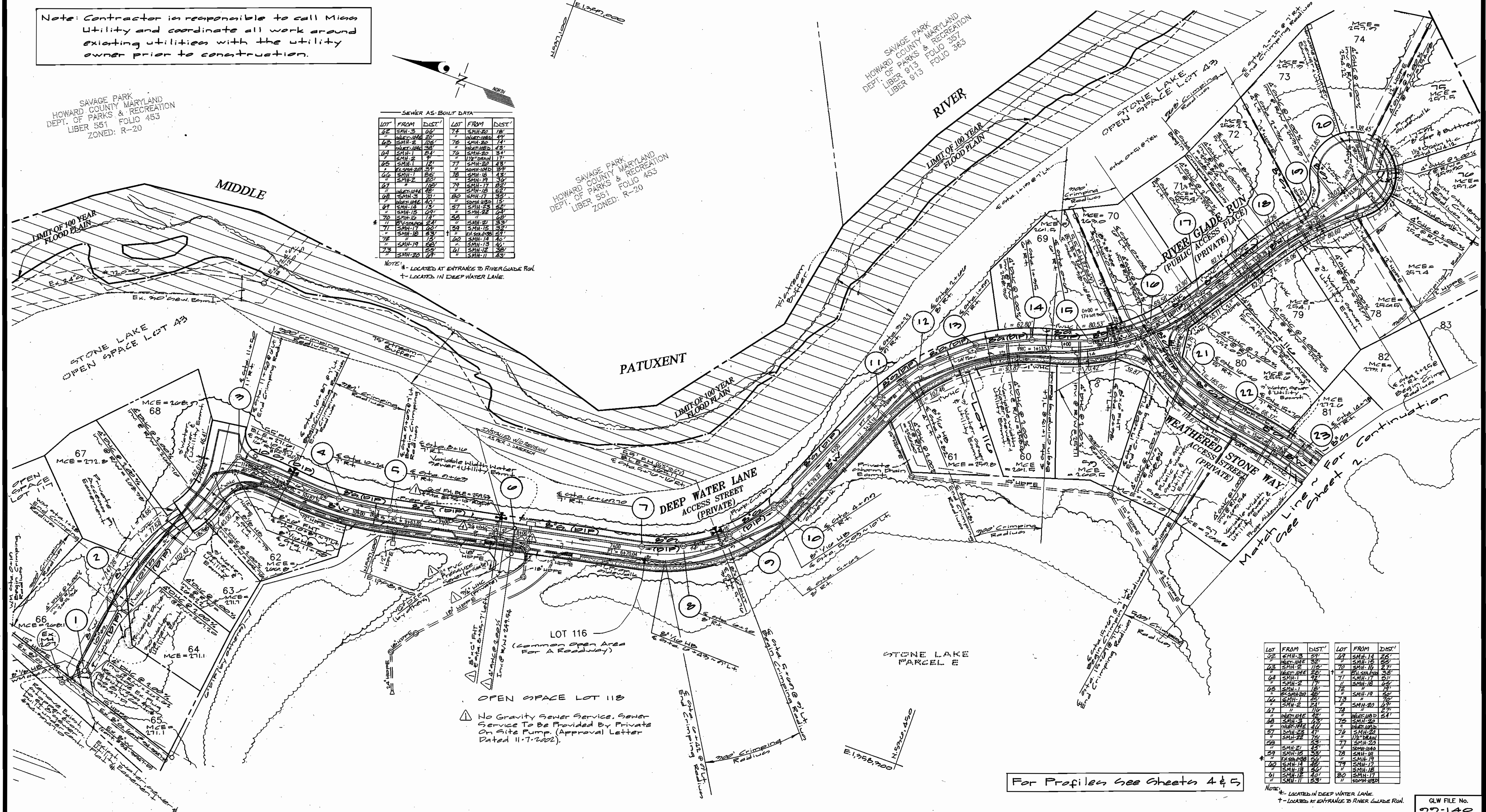
SAVAGE PARK  
 HOWARD COUNTY, MARYLAND  
 DEPT. OF PARKS & RECREATION  
 LIBER 551 FOLIO 453  
 ZONED: R-20

SAVAGE PARK  
 HOWARD COUNTY, MARYLAND  
 DEPT. OF PARKS & RECREATION  
 LIBER 551 FOLIO 453  
 ZONED: R-20

SEWER AS-BUILT DATA

LOT	FROM	DIST'	LOT	FROM	DIST'
62	SPH-3	100	74	SPH-20	18
63	SPH-2	100	75	SPH-20	12
64	SPH-2	100	76	SPH-20	12
65	SPH-2	100	77	SPH-20	12
66	SPH-2	100	78	SPH-18	12
67	SPH-2	100	79	SPH-17	12
68	SPH-2	100	80	SPH-17	12
69	SPH-2	100	81	SPH-17	12
70	SPH-2	100	82	SPH-17	12
71	SPH-2	100	83	SPH-17	12
72	SPH-2	100	84	SPH-17	12
73	SPH-2	100	85	SPH-17	12
74	SPH-2	100	86	SPH-17	12
75	SPH-2	100	87	SPH-17	12
76	SPH-2	100	88	SPH-17	12
77	SPH-2	100	89	SPH-17	12
78	SPH-2	100	90	SPH-17	12
79	SPH-2	100	91	SPH-17	12
80	SPH-2	100	92	SPH-17	12
81	SPH-2	100	93	SPH-17	12
82	SPH-2	100	94	SPH-17	12
83	SPH-2	100	95	SPH-17	12
84	SPH-2	100	96	SPH-17	12
85	SPH-2	100	97	SPH-17	12
86	SPH-2	100	98	SPH-17	12
87	SPH-2	100	99	SPH-17	12
88	SPH-2	100	100	SPH-17	12

NOTE: \* - LOCATED AT ENTRANCE TO RIVER GLADE RUN  
 † - LOCATED IN DEEP WATER LANE.



LOT	FROM	DIST'	LOT	FROM	DIST'
62	SPH-3	100	74	SPH-20	18
63	SPH-2	100	75	SPH-20	12
64	SPH-2	100	76	SPH-20	12
65	SPH-2	100	77	SPH-20	12
66	SPH-2	100	78	SPH-18	12
67	SPH-2	100	79	SPH-17	12
68	SPH-2	100	80	SPH-17	12
69	SPH-2	100	81	SPH-17	12
70	SPH-2	100	82	SPH-17	12
71	SPH-2	100	83	SPH-17	12
72	SPH-2	100	84	SPH-17	12
73	SPH-2	100	85	SPH-17	12
74	SPH-2	100	86	SPH-17	12
75	SPH-2	100	87	SPH-17	12
76	SPH-2	100	88	SPH-17	12
77	SPH-2	100	89	SPH-17	12
78	SPH-2	100	90	SPH-17	12
79	SPH-2	100	91	SPH-17	12
80	SPH-2	100	92	SPH-17	12
81	SPH-2	100	93	SPH-17	12
82	SPH-2	100	94	SPH-17	12
83	SPH-2	100	95	SPH-17	12
84	SPH-2	100	96	SPH-17	12
85	SPH-2	100	97	SPH-17	12
86	SPH-2	100	98	SPH-17	12
87	SPH-2	100	99	SPH-17	12
88	SPH-2	100	100	SPH-17	12

NOTE: \* - LOCATED IN DEEP WATER LANE.  
 † - LOCATED AT ENTRANCE TO RIVER GLADE RUN.

For Profiles See Sheets 4 & 5

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 Robert Berman 1-25-02  
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY, MARYLAND  
 [Signature] 2/1/02  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

**GLW** GUTSCHICK LITTLE & WEBER, P.A.  
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
 BURTONSVILLE, MARYLAND 20866  
 TEL: 301-421-4224 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

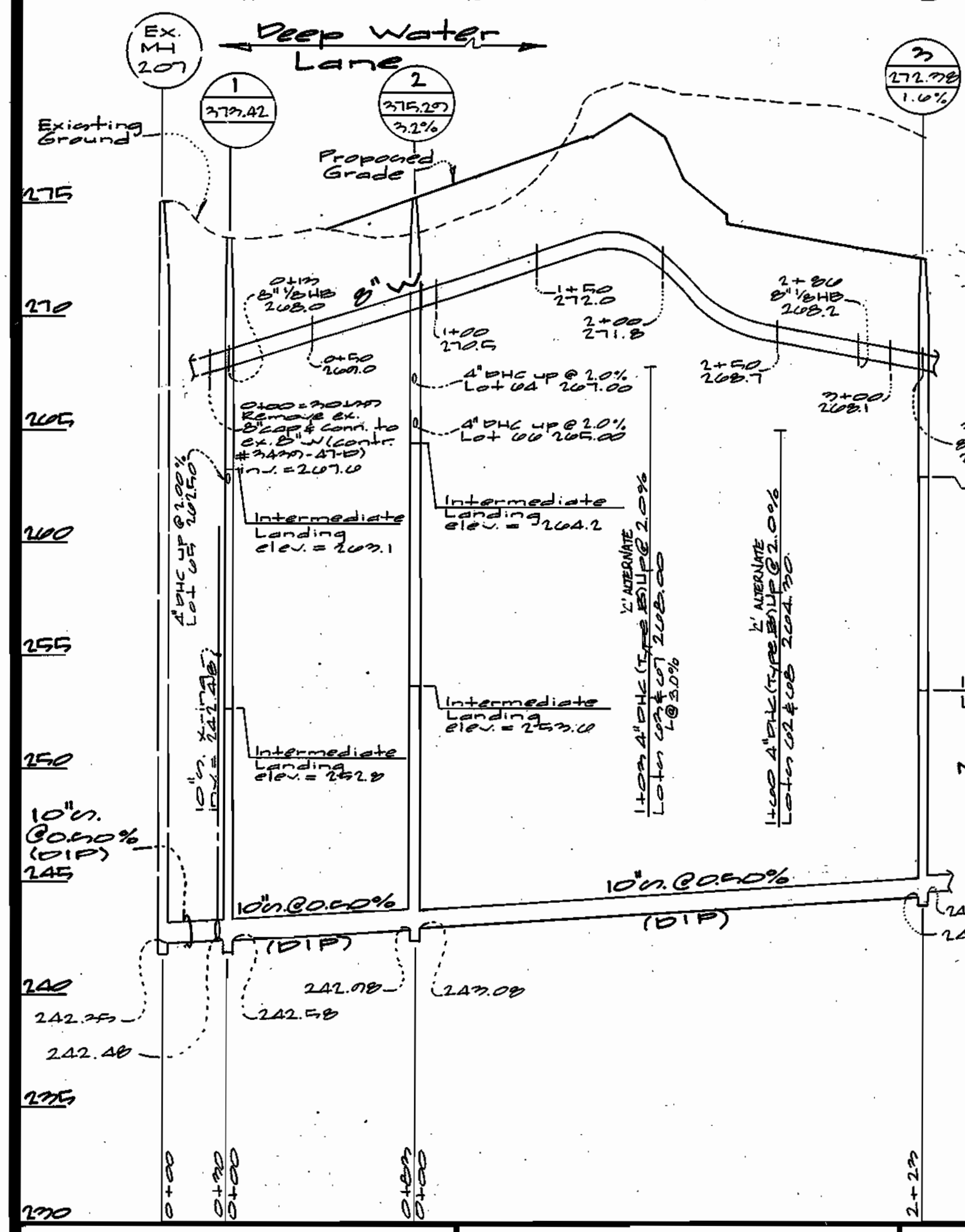
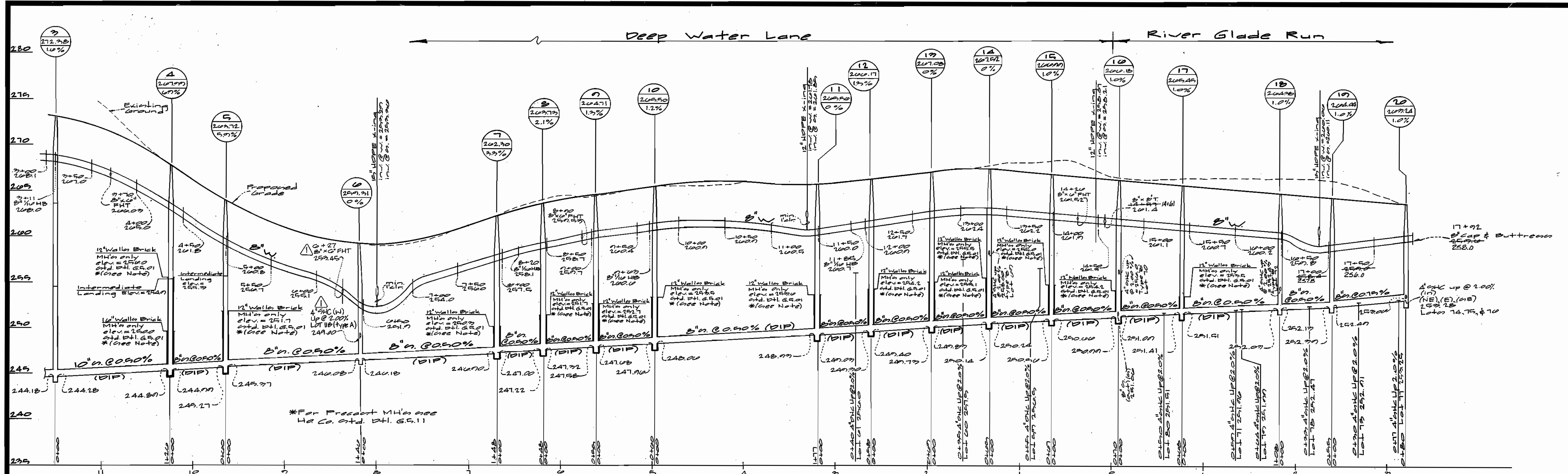


DES: WJS					
DRN: KIF					
CHK:					
DATE:					
BY:					
NO:					
REVISION:					
DATE:					

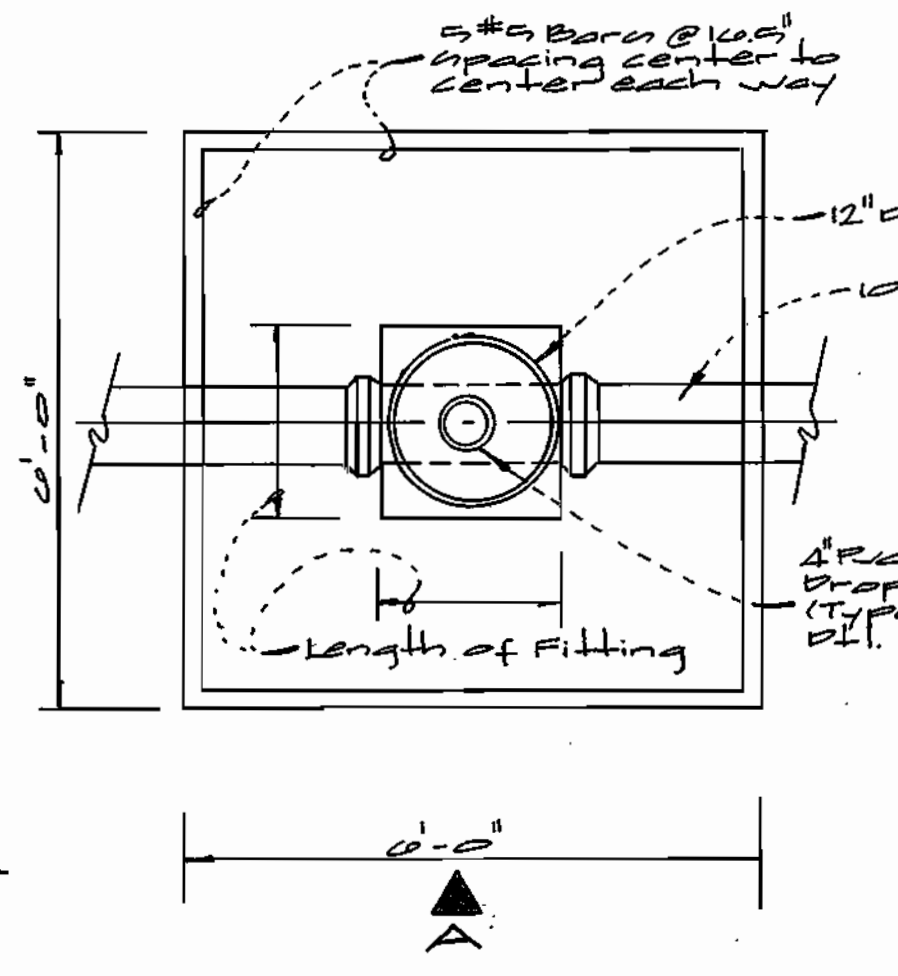
WATER & SEWER PLAN  
 SCALE: 1"=50'  
 600' SCALE MAP NO. 47 BLOCK NO. 210

**STONE LAKE**  
 FLAT NO.  
 HOWARD COUNTY, MARYLAND  
 ELECTION DISTRICT No. 6  
 CONTRACT No. 34-3948-D  
 SCALE AS SHOWN  
 SHEET 2 OF 5

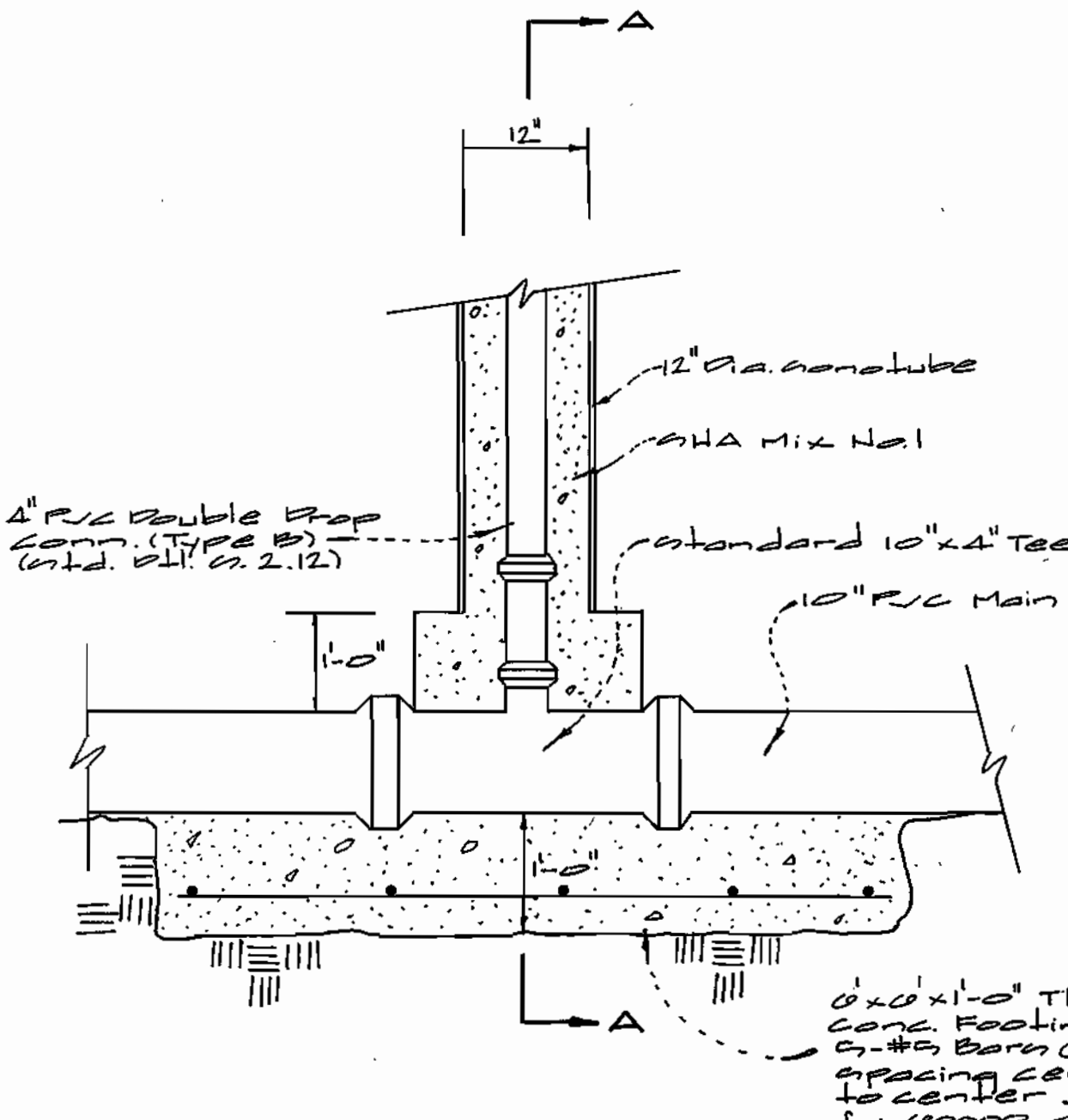
GLW FILE No. 99-140



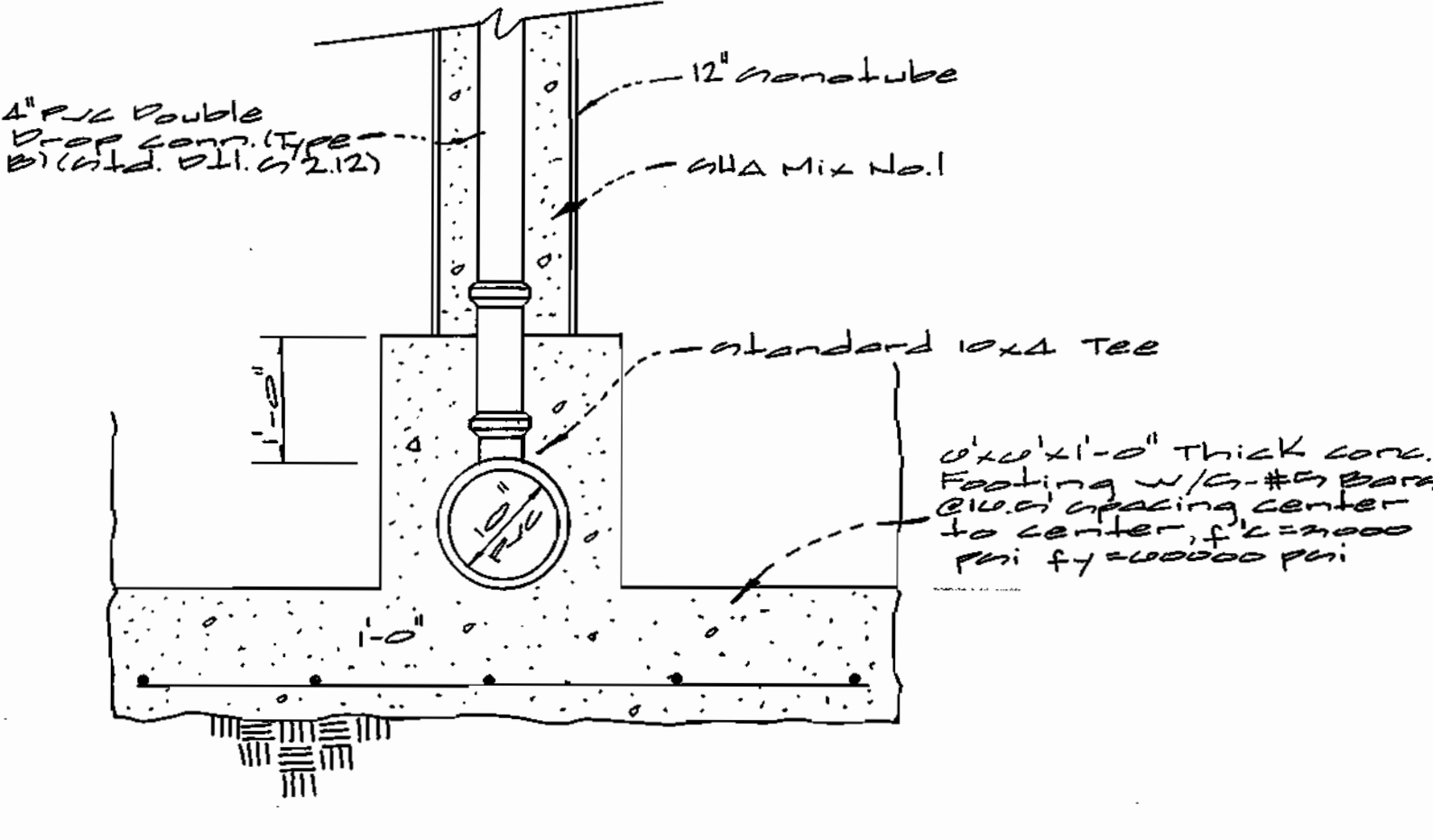
For Plan see sheet 7



Foundation Plan  
Scale: 1/2" = 1'-0"



Elevation A  
N.T.S.

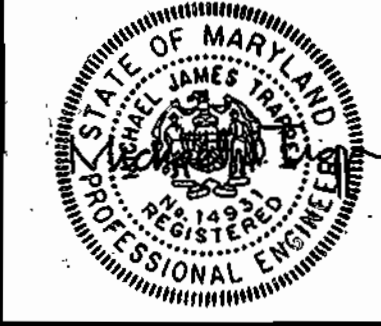


Section A-A  
N.T.S.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
1-25-02  
DATE

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND  
2/1/02  
DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20866  
TEL: 301-421-4024 BALT. 410-880-1820 DC/OA 301-889-2524 FAX: 301-421-4186



DES: WAJ					
DRN: WAJ					
CHK:					
DATE: 2/20/02	BY: NO	REVISION: Add FHT + SHC @ MH G	DATE: 3-12-02		

WATER & SEWER PROFILES  
SCALE:  
VERTICAL: 1" = 5'  
HORIZONTAL: 1" = 50'  
600' SCALE MAP NO. 47 BLOCK NO. 0116

STONE LAKE  
PLAT No.  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 6  
CONTRACT No. 34-3948-D

SCALE AS SHOWN  
SHEET 5 OF 5