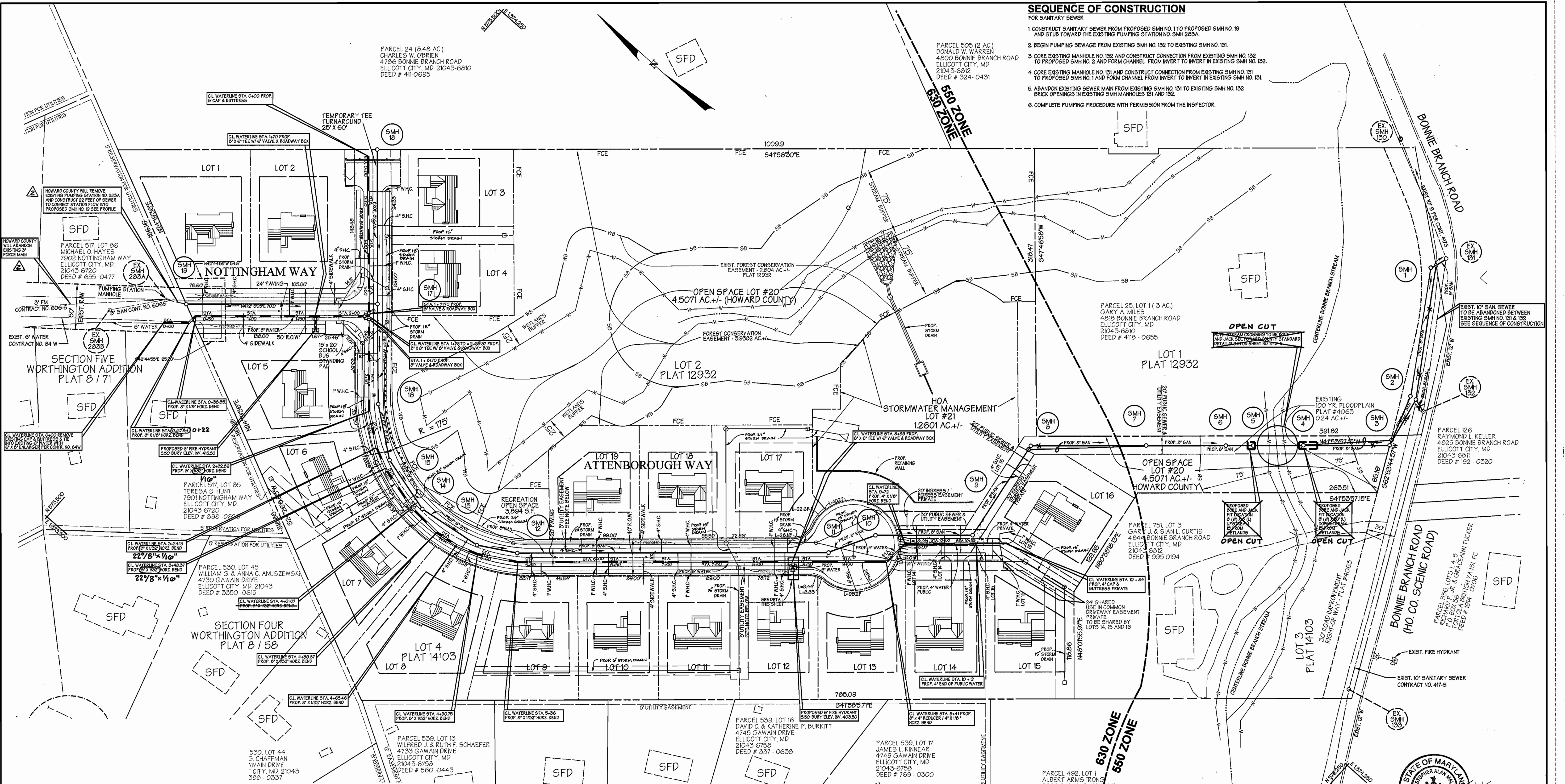


SEQUENCE OF CONSTRUCTION

- FOR SANITARY SEWER
1. CONSTRUCT SANITARY SEWER FROM PROPOSED SMH NO. 11 TO PROPOSED SMH NO. 19 AND STUB TOWARD THE EXISTING PUMPING STATION NO. SMH 283A.
 2. BEGIN PUMPING SEWAGE FROM EXISTING SMH NO. 132 TO EXISTING SMH NO. 131.
 3. CORE EXISTING MANHOLE NO. 132 AND CONSTRUCT CONNECTION FROM EXISTING SMH NO. 132 TO PROPOSED SMH NO. 2 AND FORM CHANNEL FROM INVERT TO INVERT IN EXISTING SMH NO. 132.
 4. CORE EXISTING MANHOLE NO. 131 AND CONSTRUCT CONNECTION FROM EXISTING SMH NO. 131 TO PROPOSED SMH NO. 1 AND FORM CHANNEL FROM INVERT TO INVERT IN EXISTING SMH NO. 131.
 5. ABANDON EXISTING SEWER MAIN FROM EXISTING SMH NO. 131 TO EXISTING SMH NO. 132 BRICK OPENINGS IN EXISTING SMH MANHOLES 131 AND 132.
 6. COMPLETE PUMPING PROCEDURE WITH PERMISSION FROM THE INSPECTOR.

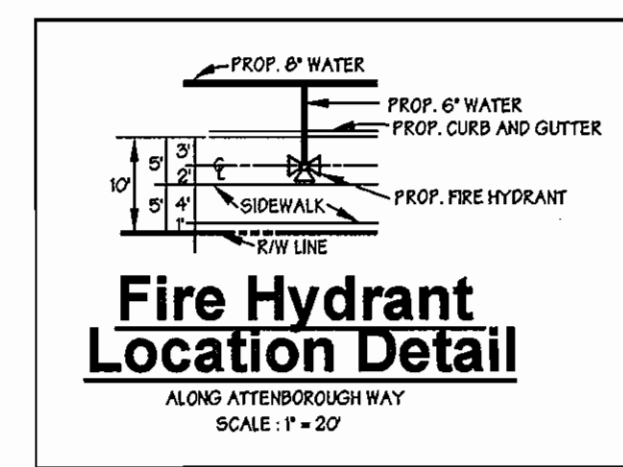


OWNERS

PARCEL 25, LOT 2
MICHAEL L. WASHINGTON
916 FROG MORTAR ROAD
BALTIMORE, MARYLAND 21220-4304

PARCEL 751, LOT 4
NOTTINGHAM WAY ACRES, LLC
100 WEST PENNSYLVANIA AVENUE
BALTIMORE, MARYLAND 21204

DEVELOPER
NOTTINGHAM WAY ACRES, LLC
100 WEST PENNSYLVANIA AVENUE
BALTIMORE, MARYLAND 21204



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

R. A. B... 11-3-05
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

M... 11/16/05
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GEORGE W. STEPHENS, JR. AND ASSOCIATES, INC.
Civil Engineers and Land Surveyors
1020 CROMWELL BRIDGE ROAD
Towson, Maryland 21286
(410) 825-8120



DESIGNED : PRC, KE
DRAFTED : KE
CHECKED : PRC

PLAN

CONTRACT NO. 14-4182-D
600 SCALE MAP NO. 31 BLOCK NO. 8

AS BUILT
DATE: MARCH 2006

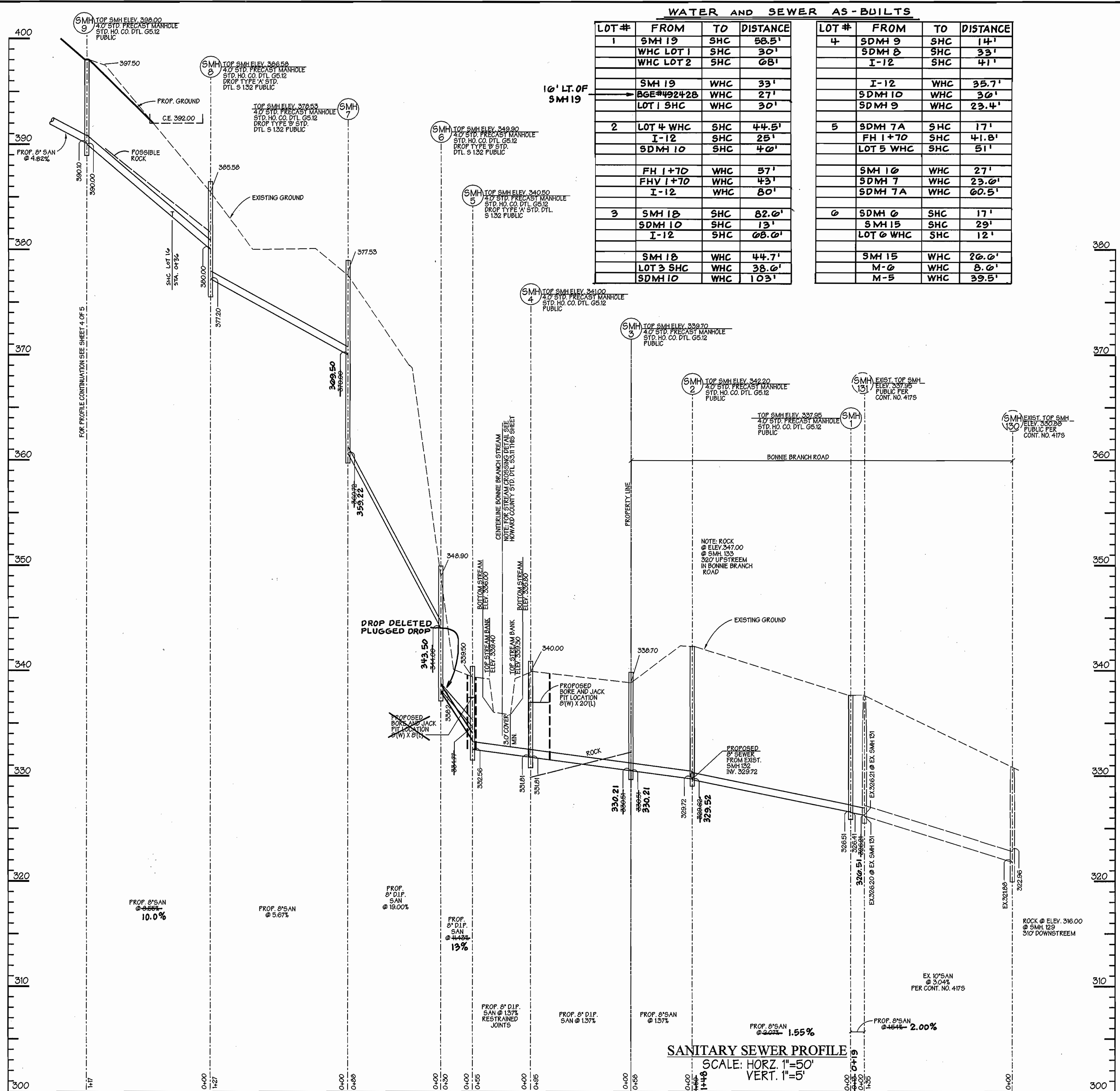
BY	NO.	REVISION	DATE
BEI	1	REVISE STORM DRAIN LAYOUT AND SHC LOCATIONS	7-22-05
D.L.D.	2	FS AND 3" FM ABANDONED SEWER EXTENDED	2-15-09

PUBLIC WATER & SEWER MAIN
NOTTINGHAM WAY ACRES
CONTRACT NO. 14-4182-D

HOWARD COUNTY, MARYLAND
ELECTION DISTRICT *02

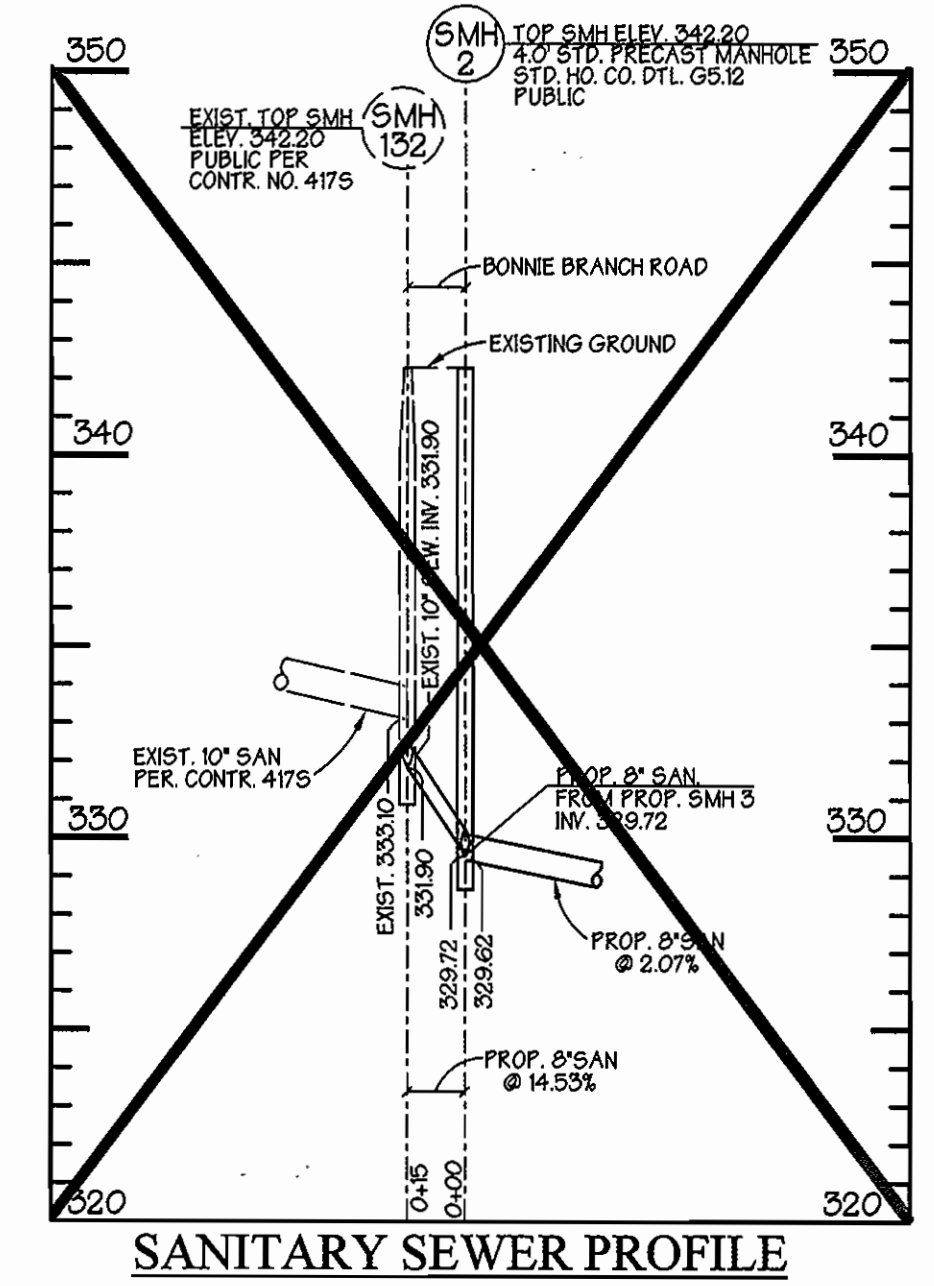
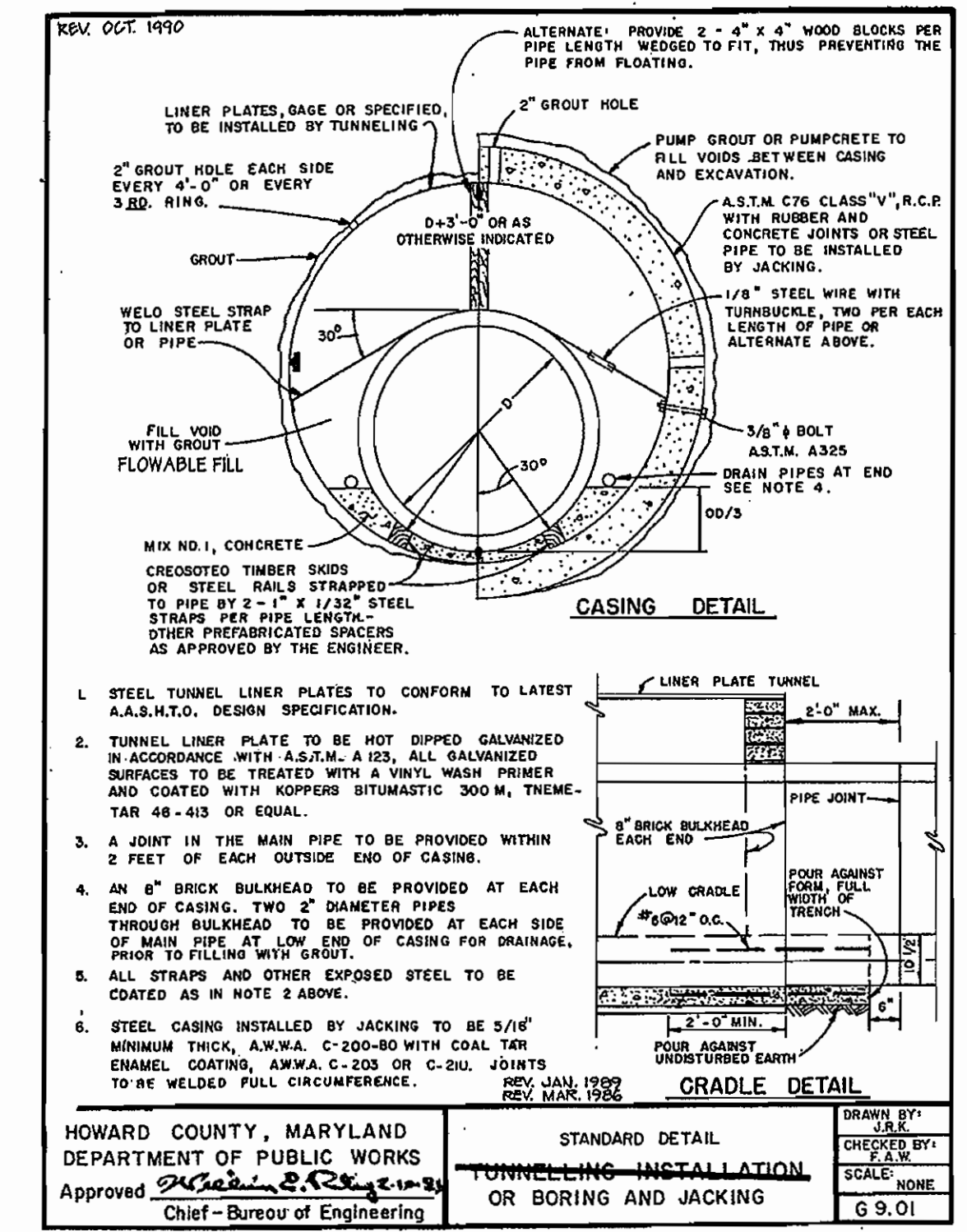
SEPTEMBER 17, 2003
SHEET 2 OF 5

P/N 9282- watersewerplan.s01



WATER AND SEWER AS-BUILTS

LOT #	FROM	TO	DISTANCE	LOT #	FROM	TO	DISTANCE
1	SMH 19	SHC	58.5'	4	SDMH 9	SHC	14'
	WHC LOT 1	SHC	30'		SDMH 8	SHC	33'
	WHC LOT 2	SHC	68'		I-12	SHC	41'
2	SMH 19	WHC	33'	I-12	WHC	35.7'	
	BGE#492+2B	WHC	27'	SDMH 10	WHC	30'	
	LOT 1 SHC	WHC	30'	SDMH 9	WHC	23.4'	
	LOT 4 WHC	SHC	44.5'	5	SDMH 7A	SHC	17'
	I-12	SHC	25'	FH 1+70	SHC	41.8'	
3	FH 1+70	WHC	57'	SDMH 7A	WHC	51'	
	FHV 1+70	WHC	43'	SMH 10	WHC	27'	
	I-12	WHC	80'	SDMH 7	WHC	23.0'	
	SMH 18	SHC	82.0'	SDMH 7A	WHC	60.5'	
	SDMH 10	SHC	13'	6	SDMH 6	SHC	17'
	I-12	SHC	68.0'	SMH 15	SHC	29'	
	SMH 18	WHC	44.7'	LOT 6 WHC	SHC	12'	
	LOT 3 SHC	WHC	38.0'	SMH 15	WHC	20.0'	
	SDMH 10	WHC	103'	M-6	WHC	8.0'	
				M-5	WHC	39.5'	



AS BUILT
DATE: MARCH 2000

SANITARY SEWER PROFILE
SCALE: HORZ. 1"=50'
VERT. 1"=5'

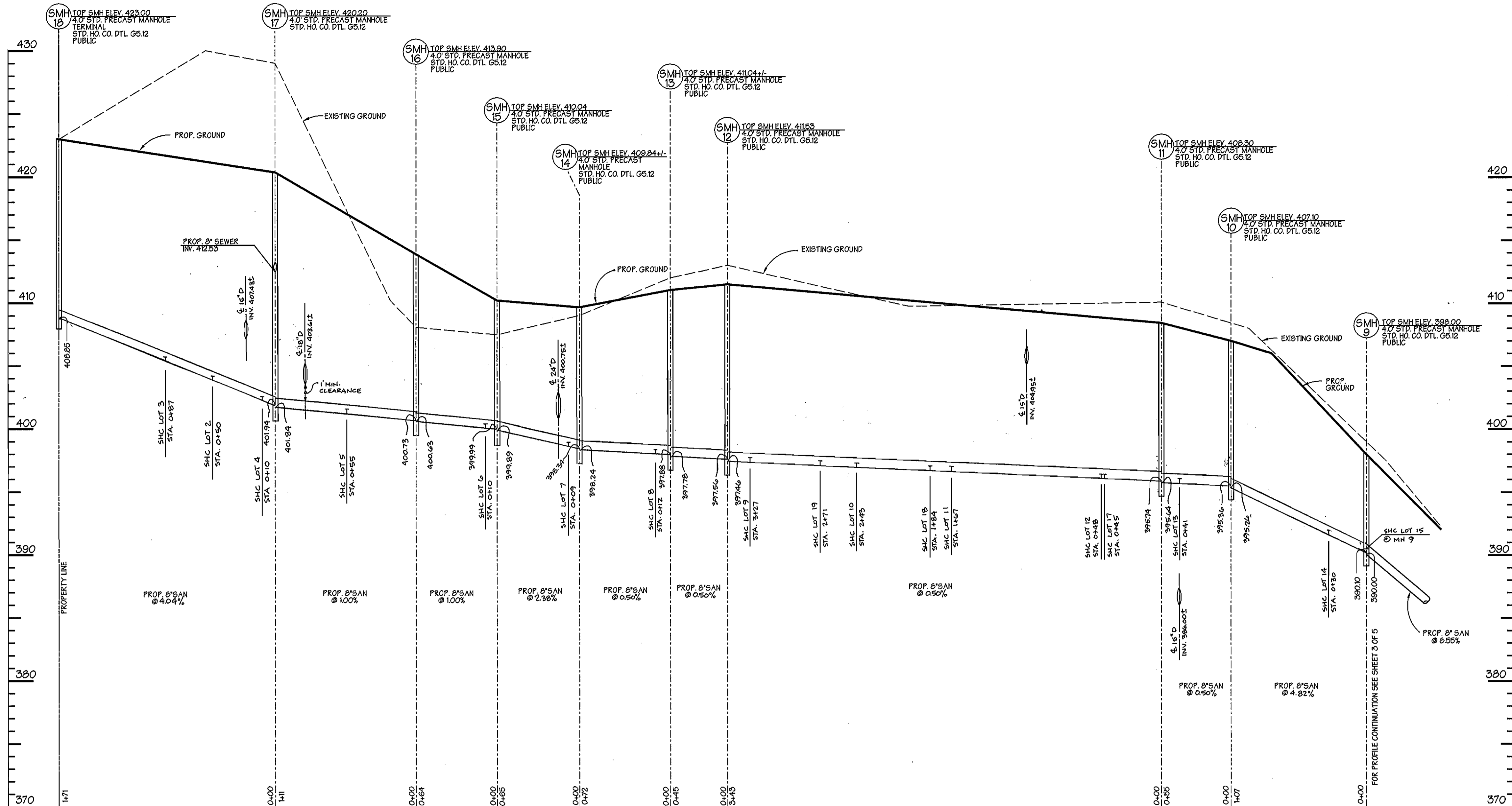
OWNERS
PARCEL 25, LOT 2
MICHAEL L. WASHINGTON
916 FROG MORTAR ROAD
BALTIMORE, MARYLAND 21220-4304

PARCEL 751, LOT 4
NOTTINGHAM WAY ACRES, LLC
100 WEST PENNSYLVANIA AVENUE
BALTIMORE, MARYLAND 21204

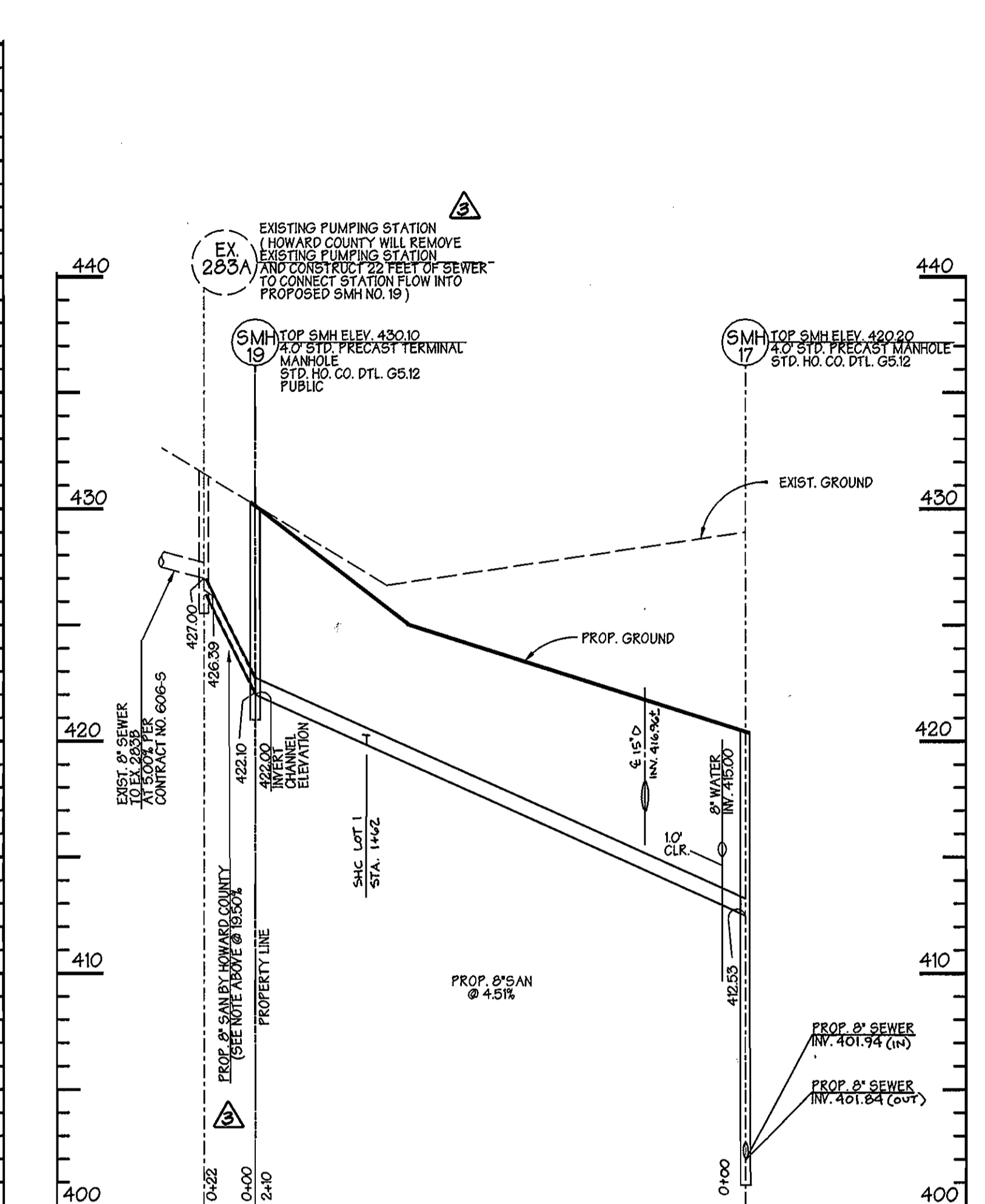
DEVELOPER
NOTTINGHAM WAY ACRES, LLC
100 WEST PENNSYLVANIA AVENUE
BALTIMORE, MARYLAND 21204

BY	NO.	REVISION	DATE
BE1	1	DELETE SO CROSSING BETWEEN MH8 & MH9, ADD SHC FOR LOT 16	7-20-05

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>Robert Reinger</i> 11-3-04 CHIEF, BUREAU OF UTILITIES DATE	DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND <i>William</i> 11/16/04 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE	<p>GEORGE W. STEPHENS, JR. AND ASSOCIATES, INC. Civil Engineers and Land Surveyors 1020 CROMWELL BRIDGE ROAD Towson, Maryland 21286 (410) 825-8120</p>	<p>DESIGNED : PRC, KE DRAFTED : KE CHECKED : PRC</p>	<p>SEWER PROFILES</p> <p>CONTRACT NO. 14-4182-D 600 SCALE MAP NO. 31</p>	<p>PUBLIC WATER & SEWER MAIN NOTTINGHAM WAY ACRES CONTRACT NO. 14-4182-D</p> <p>HOWARD COUNTY, MARYLAND ELECTION DISTRICT *02</p>	<p>SEPTEMBER 17, 2003 SHEET 3 OF 5</p> <p>P/N 9282- sewerprofile.s01</p>
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SANITARY SEWER PROFILE
SCALE: HORZ. 1"=50'
VERT. 1"=5'



SANITARY SEWER PROFILE
SCALE: HORZ. 1"=50'
VERT. 1"=5'

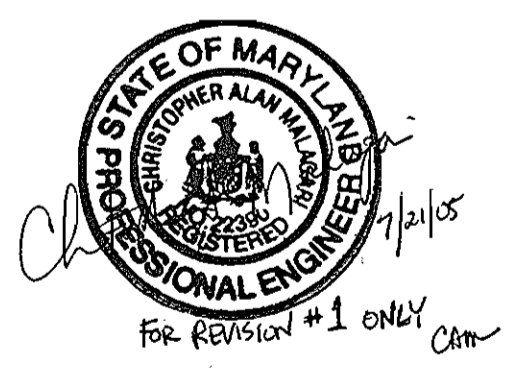
TABULAR CHART OF SEWER HOUSE CONNECTIONS

LOT NO.	INVERT AT SEWER MAIN	MINIMUM CELLAR ELEVATION	INVERT SEWER AT PROPERTY LINE	% OF FALL FROM SEWER INVERT TO R/W LINE	% OF FALL FROM R/W LINE TO HOUSE
1	419.99	424.8	420.33	2.00%	6.44%
2	404.13	409.4	404.63	2.00%	4.74%
3	405.62	410.5	405.92	2.00%	2.97%
4	402.51	407.1	402.81	2.00%	4.61%
5	401.45	406.8	401.95	2.00%	5.42%
6	400.26	404.7	400.76	2.00%	2.00%
7	398.72	403.4	399.22	2.00%	2.36%
8	398.11	403.1	398.61	2.00%	6.98%
9	397.55	402.4	398.05	2.00%	8.55%
10	397.13	401.9	397.63	2.00%	7.20%
11	396.75	401.8	397.25	2.00%	10.75%
12	396.15	401.0	396.65	2.00%	7.84%
13	395.74	400.8	396.74	2.00%	5.87%
14	391.72	397.0	392.28	2.00%	9.24%
15	390.27	396.0	391.13	2.00%	5.06%
16	383.25	388.0	383.41	2.00%	16.00%
17	396.14	400.8	396.44	2.00%	7.42%
18	396.83	401.6	397.13	2.00%	6.09%
19	397.27	402.1	397.57	2.00%	10.65%

WATER AND SEWER AS-BUILTS

LOT #	FROM	TO	DISTANCE	LOT #	FROM	TO	DISTANCE	LOT #	FROM	TO	DISTANCE
7	I-8	SHC	12'	10	LOT 19 SHC	SHC	53'	13	LOT 13 WHC	SHC	17.8'
	WHC LOT 7	SHC	13'		LOT 18 SHC	SHC	77'		SMH 10	SHC	67.5'
	SMH 14	SHC	23'		LOT 10 WHC	SHC	13.7'		SDMH 12	SHC	55.3'
	SMH 14	WHC	25.5'		LOT 19 SHC	WHC	47'		SMH 10	WHC	59.3'
	I-8	WHC	24'		LOT 18 SHC	WHC	88'		SMH 11	WHC	60'
	I-7	WHC	39'		LOT 10 WHC	WHC	59'		SDMH 12	WHC	39.7'
8	LOT 8 WHC	SHC	13.7'	11	SDMH 3	SHC	62.5'	14	SDMH 12	SHC	81'
	SMH 13	SHC	28'		I-5	SHC	68'		SMH 9	SHC	42.5'
	SMH 12	SHC	70'		LOT 18 WHC	SHC	43.4'		LOT 14 WHC	SHC	30'
	SDMH 4	WHC	58'		SDMH 3	WHC	51.5'		SMH 9	WHC	67.5'
	SMH 13	WHC	23.6'		I-5	WHC	52.5'		SDMH 12	WHC	54'
	SMH 12	WHC	59.6'		LOT 18 WHC	WHC	42'		LOT 14 SHC	WHC	30'
9	SDMH 4	SHC	43.4'	12	LOT 17 WHC	SHC	41.5'	15	SHC LOT 10	SHC	40'
	SMH 12	SHC	30.6'		I-5	SHC	52'		SMH 9	SHC	45.6'
	WHC LOT 9	SHC	11.4'		FH 8+39	SHC	10'		LOT 14 SHC	SHC	53'
	SDMH 4	WHC	49'		LOT 12 SHC	WHC	12.2'		LOT 15 SHC	WHC	13.4'
	SMH 12	WHC	37'		WHC LOT 17	WHC	42'		SMH 9	WHC	51.7'
	LOT 19 SHC	WHC	66'		FH 8+39	WHC	22'		LOT 10 WHC	WHC	39'

AS BUILT
DATE: MARCH 2006



OWNERS
PARCEL 25, LOT 2
MICHAEL L. WASHINGTON
916 FROG MORTAR ROAD
BALTIMORE, MARYLAND 21220-4304

PARCEL 751, LOT 4
NOTTINGHAM WAY ACRES, LLC
100 WEST PENNSYLVANIA AVENUE
BALTIMORE, MARYLAND 21204

DEVELOPER
NOTTINGHAM WAY ACRES, LLC
100 WEST PENNSYLVANIA AVENUE
BALTIMORE, MARYLAND 21204

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 11-3-09
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

[Signature] 11/16/04
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GEORGE W. STEPHENS, JR. AND ASSOCIATES, INC.
Civil Engineers and Land Surveyors
1020 CROMWELL BRIDGE ROAD
Towson, Maryland 21286
(410) 825-8120

DESIGNED : PRC, KE
DRAFTED : KE
CHECKED : PRC

SEWER PROFILES

CONTRACT NO. 14-4182-D
600 SCALE MAP NO. 31 BLOCK NO. 8

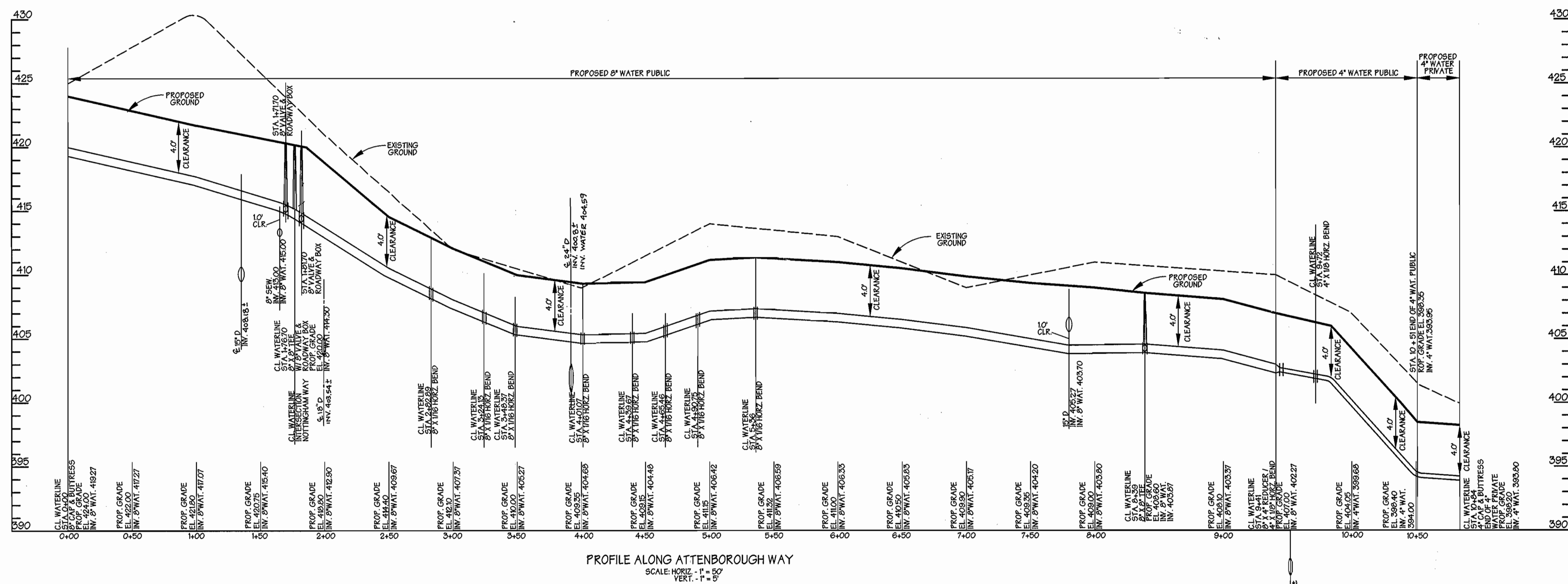
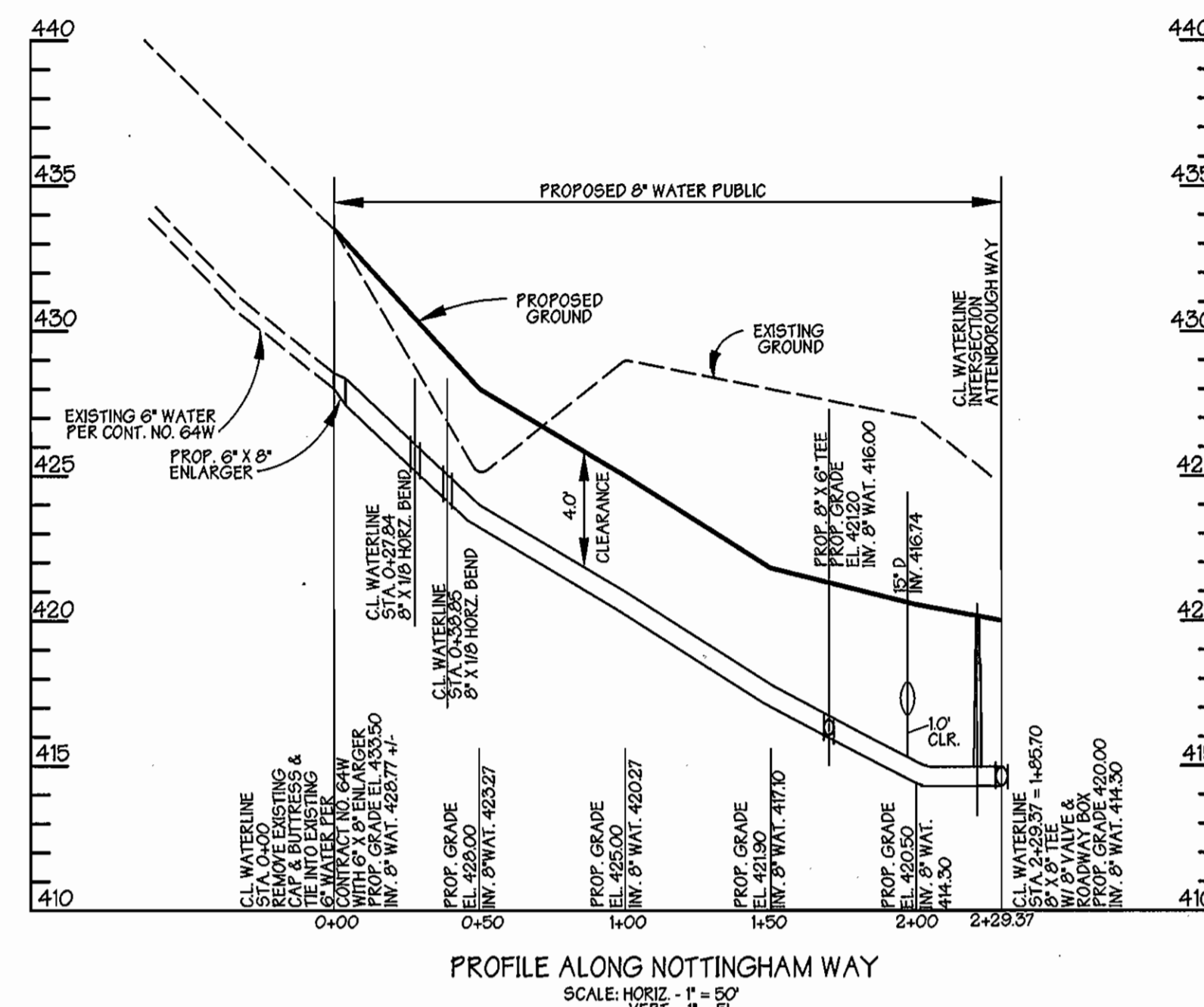
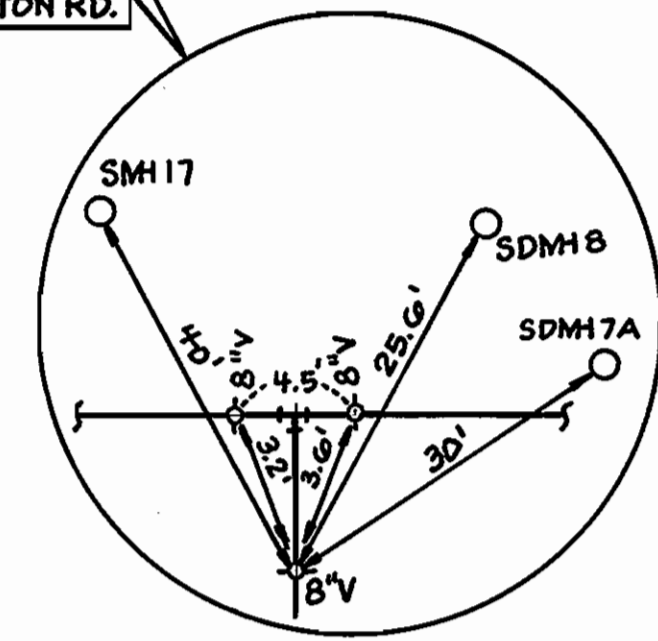
PUBLIC WATER & SEWER MAIN
NOTTINGHAM WAY ACRES
CONTRACT NO. 14-4182-D

HOWARD COUNTY, MARYLAND ELECTION DISTRICT #02
SEPTEMBER 17, 2003 SHEET 4 OF 5
P/N 9282- sewerprofile1.001

BY	NO.	REVISION	DATE
BEI	1	LOWER SEWER FROM MH9 TO MH18, REVISE STORM DRAIN CROSSINGS, REVISE SHC CHART	7-20-05
DLD	3	FS. AND 3' FT. ABANDONED. SEWER EXTENDED	2-15-09

WATER AND SEWER AS-BUILTS

LOT #	FROM	TO	DISTANCE	VALVES	FROM	TO	DISTANCE	REMARKS
10	SMH 8	SHC	33'	6" FHV	FH 8+39	VALVE	8.7'	ATTENBOROUGH WAY
	SMH 9	SHC	23'	8+39	LOT 12 SHC	VALVE	15.2'	
	WHC LOT 10	SHC	07.5'		LOT 17 WHC	VALVE	34'	
15	LOT 15 WHC	WHC	38.8'	6" FHV	FH 1+70	VALVE	10.3'	WORTHINGTON ROAD
	SMH 9	WHC	28.5'	1+70	LOT 2 WHC	VALVE	43'	
	I-3	WHC	39'		SDM 7A	VALVE	58'	
17	FH 8+39	SHC	38.2'	3-8" VALVE	SMH 17	8" VALVE	40'	INTERSECTION OF
	SDM 2	SHC	71.4'	SYSTEM	SDM 8	8" VALVE	25.0'	ATTENBOROUGH WAY
	SDM 3	SHC	33.5'	1+85/2+29	SDM 7A	8" VALVE	30'	AND WORTHINGTON RD.
18	FH 8+39	WHC	40.5'					
	LOT 17 SHC	WHC	14.7'					
	SDM 2	WHC	40.7'					
19	LOT 18 WHC	SHC	30.0'					
	LOT 11 SHC	SHC	48'					
	LOT 11 WHC	SHC	50'					
19	SDM 3	WHC	37.2'					
	LOT 11 SHC	WHC	43.4'					
	LOT 11 WHC	WHC	42.0'					
19	SMH 12	SHC	70'					
	LOT 10 WHC	SHC	47'					
	LOT 9 WHC	SHC	00'					
19	LOT 19 SHC	WHC	14.5'					
	LOT 10 WHC	WHC	42'					
	LOT 9 WHC	WHC	47'					



OWNERS
PARCEL 25, LOT 2
 MICHAEL L. WASHINGTON
 918 FROG MORTAR ROAD
 BALTIMORE, MARYLAND 21220-4304

PARCEL 751, LOT 4
 NOTTINGHAM WAY ACRES, LLC
 100 WEST PENNSYLVANIA AVENUE
 BALTIMORE, MARYLAND 21204

DEVELOPER
NOTTINGHAM WAY ACRES, LLC
 100 WEST PENNSYLVANIA AVENUE
 BALTIMORE, MARYLAND 21204

AS BUILT
 DATE: MARCH 2006

BY	NO.	REVISION	DATE
BE1	1	REVISE STORM DRAIN CROSSINGS	7-20-05

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

Ratna 11-3-04
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING
 HOWARD COUNTY, MARYLAND

[Signature] 4/16/04
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GWS
GEORGE W. STEPHENS, JR. AND ASSOCIATES, INC.
 Civil Engineers and Land Surveyors
 1020 CROMWELL BRIDGE ROAD
 Towson, Maryland 21286
 (410) 825-8120



DESIGNED : PRC, KE
 DRAFTED : KE
 CHECKED : PRC

WATER PROFILES

CONTRACT NO. 14-4182-D
 600 SCALE MAP NO. 31 BLOCK NO. 8

PUBLIC WATER & SEWER MAIN
NOTTINGHAM WAY ACRES
 CONTRACT NO. 14-4182-D

HOWARD COUNTY, MARYLAND
 ELECTION DISTRICT *02

SEPTEMBER 17, 2003
 SHEET 5 OF 5

P/N 9282- waterprofile.s01