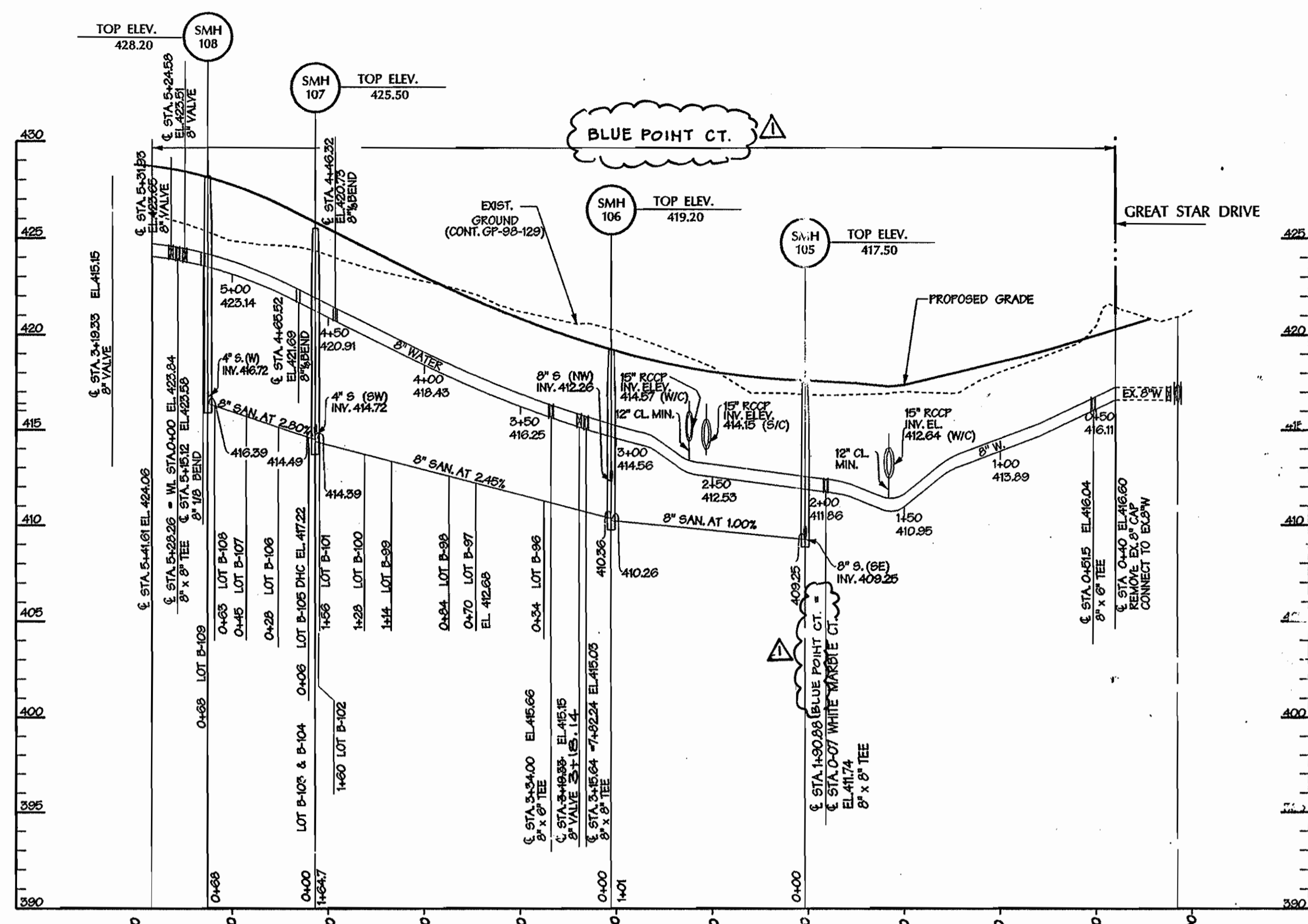


NOTE: ALL WATER HOUSE CONNECTIONS SHALL BE ONE INCH DIAMETER WITH A 3/4-INCH METER.

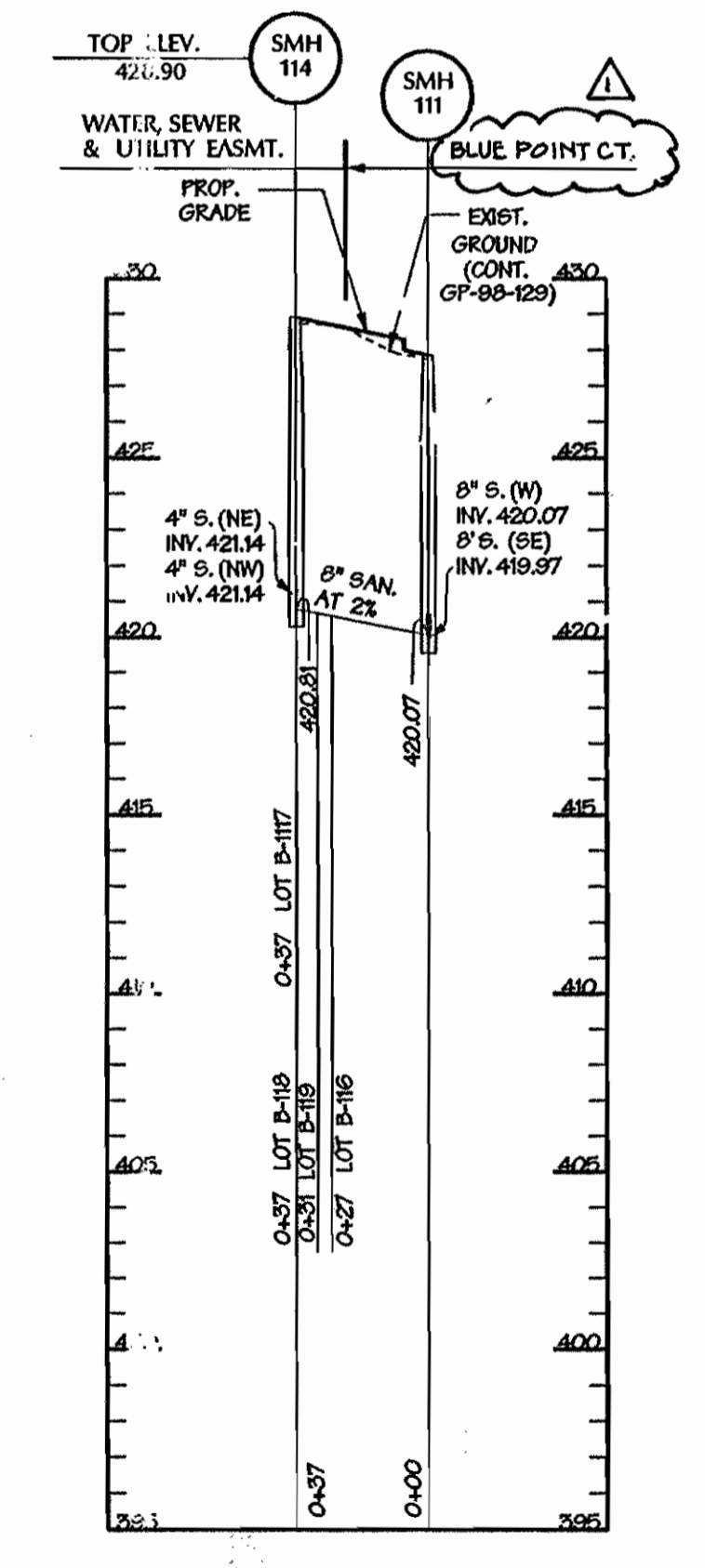
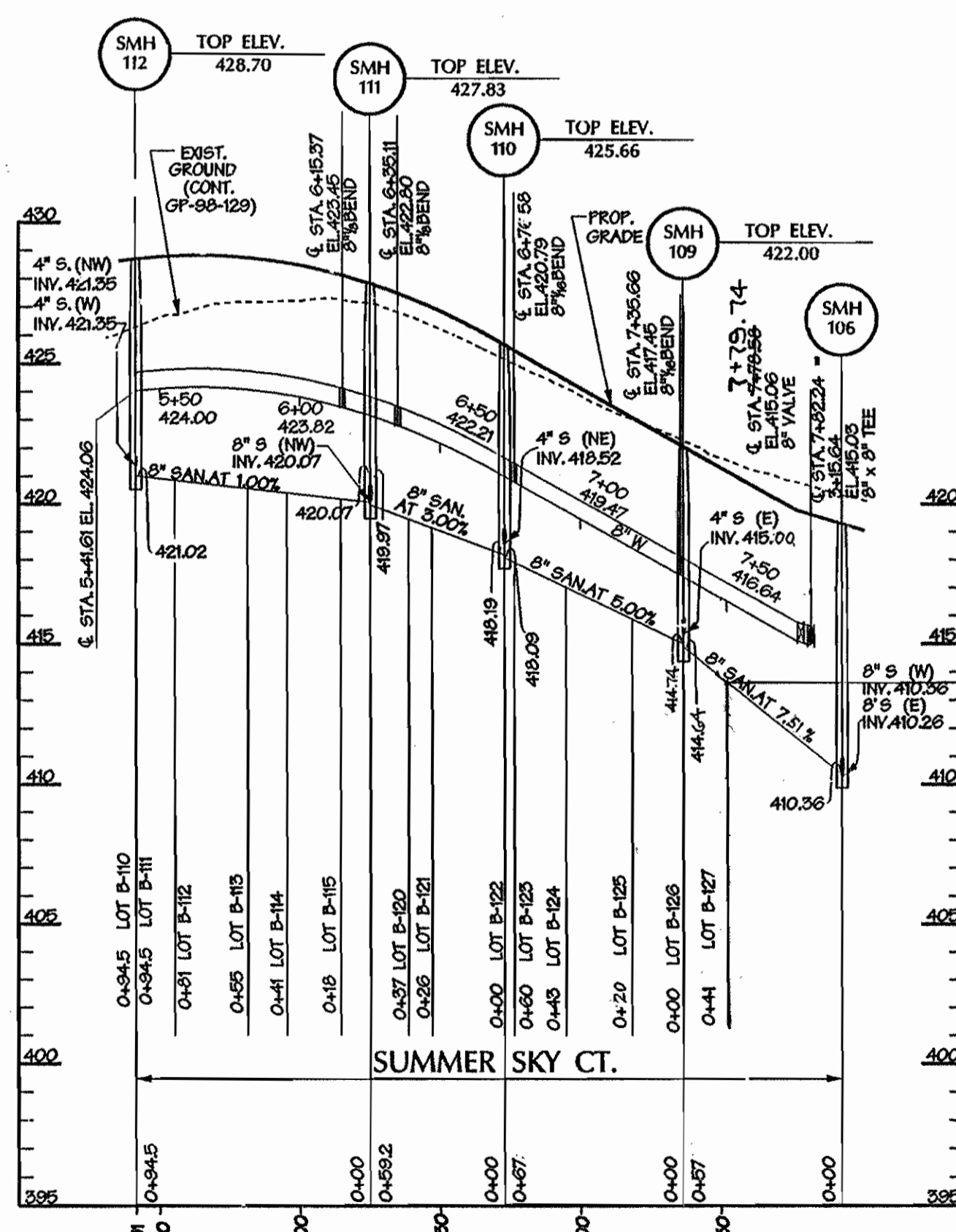
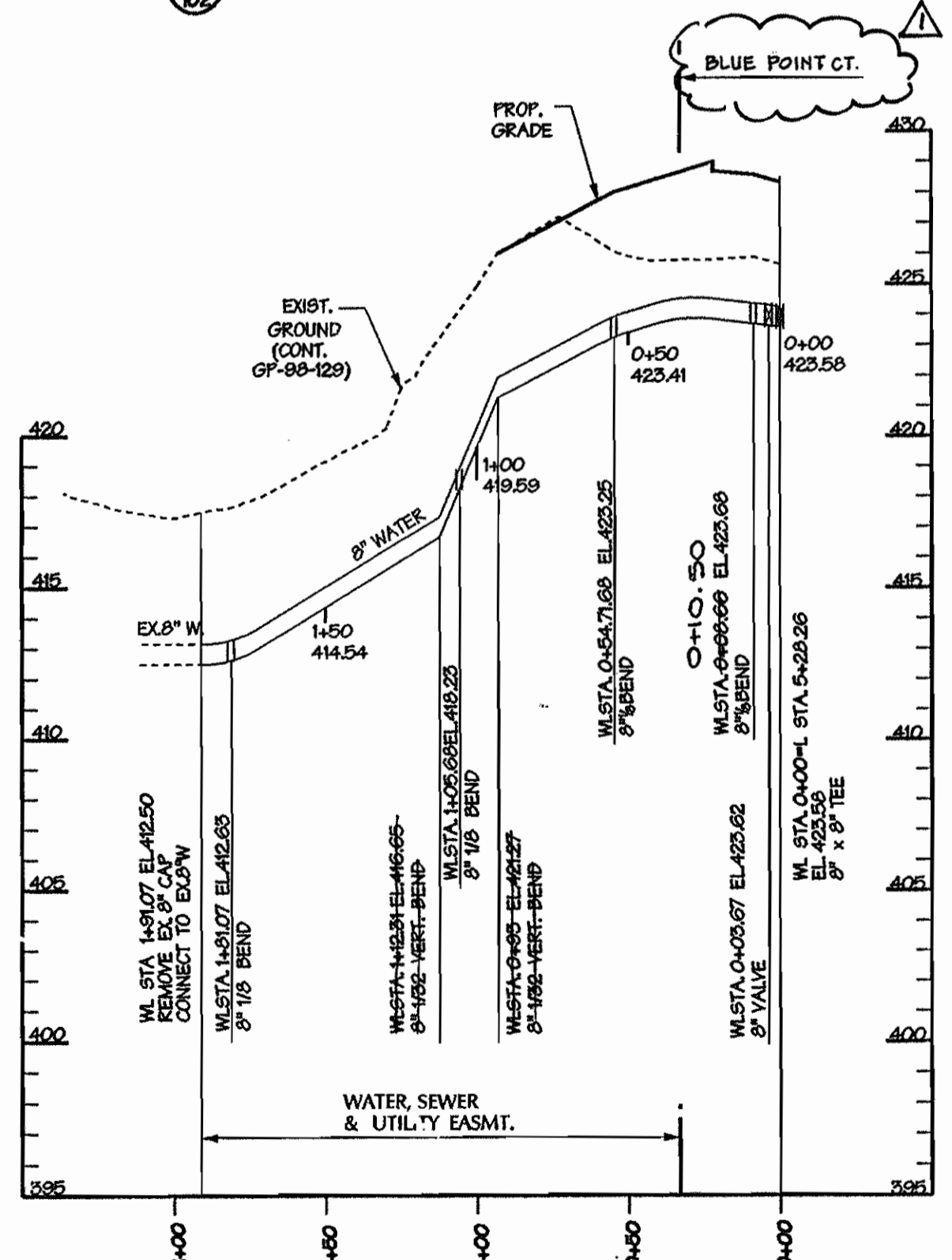


WATER MAIN TABULATION CHART

STATION	APPURTENANCE	OFFSET
BLUE POINT COURT		
0+51.52	8" x 8" FH TEE	7 RT
0+51.52	8" FH VALVE	10 RT
1+30.20	8" x 8" TEE	7 RT
1+35.64	8" x 8" TEE	7 RT
1+35.23	8" VALVE	7 RT
3+34.08	8" x 8" FH TEE	7 RT
3+34.00	8" FH VALVE	10 RT
4+03.32	8" BEND	6.04 RT
4+03.32	8" BEND	6.04 RT
5+15.12	8" BEND	5.57 RT
5+24.59	8" VALVE	7 RT
5+22.26	8" x 8" TEE	7 RT
5+31.93	8" VALVE	7 RT
WL 0+06.67	8" VALVE	7 RT
WL 0+08.95	8" BEND	7 RT
WL 0+54.71	8" BEND	7 RT
WL 1+05.88	8" BEND	7 RT
WL 1+01.07	8" BEND	5.57 RT
6+15.27	8" BEND	5.57 RT
6+35.11	8" BEND	5.57 RT
6+70.59	8" BEND	6.40 RT
7+36.66	8" BEND	5.87 RT
7+78.59	8" VALVE	5.20 RT
WHITE MARBLE COURT		
0+02.46	8" VALVE	7 LT
0+34.41	8" BEND	3.29 LT
1+11.03	8" x 8" FH TEE	5.56 LT
1+11.03	8" FH VALVE	5.56 LT
1+31.40	8" x 4" REDUCER	2.00 LT
1+31.63	4" BEND	0.89 RT
2+31.59	4" BEND	0.01 RT
2+32.29	4" BEND	5.27 LT
2+39.83	4" BEND	5.36 LT
3+19.65	4" x 4" TEE	3.77 LT
WL 0+04.00	4" VALVE	2.22 LT
WL 0+44.72	4" BEND	4" BEND
WL 1+28.91	4" CAP	4.12 RT
3+24.12	4" BEND	4.12 RT
4+20.00	4" CAP	5.00 RT

MANHOLE TABULATION CHART

MANHOLE #	STATION	OFFSET	SLOPE
WHITE MARBLE COURT			
SMH 101A	END EX STUB		
SMH 101	N 560644 W E 1331266		
SMH 109	2+51.45	43.17 RT	3.44%
SMH 105	1+35.51	24.97 RT	-6.00%
SMH 104	0+54.54	7.02 RT	-4.92%
SMH 115	5+02.64		
BLUE POINT COURT			
SMH 106	5+01.72	4.25 LT	3.00%
SMH 108	5+02.64	4.00 LT	3.00%
SMH 107	4+57.01	13.73 LT	5.00%
SMH 108	5+12.69	8.82 LT	5.00%
SMH 109	5+36.82	7.00 LT	-5.65%
SMH 110	5+72.99	7.32 LT	-5.65%
SMH 111	5+25.24	19.29 LT	-5.65%
SMH 112	5+41.81	7.00 LT	5.00%
SMH 114	N 560666 W E 1330825		



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Robert J. Danner 7-1-98
CHIEF - BUREAU OF UTILITIES - DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

John J. Danner 7/1/98
CHIEF - DEVELOPMENT ENGINEERING DIVISION - DATE

DMW
Daft · McCune · Walker, Inc.

A Team of Land Planners, 200 East Pennsylvania Avenue
Landscape Architects, Towson, Maryland 21286
Engineers, Surveyors & Environmental Professionals 410 296 3333
Fax 296 4705



DESIGN BY: MMM
DRAWN BY: MMM, WHJ
CHECKED BY:

DATE: JUNE 19, 1998

DATE	BY	NO.	REV. STREET NAME AND LOT NUMBER.	DATE
12-28-98	DMH	1		

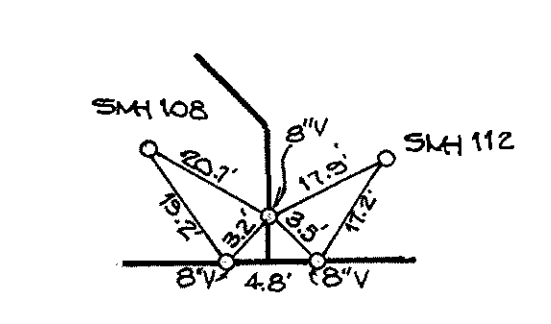
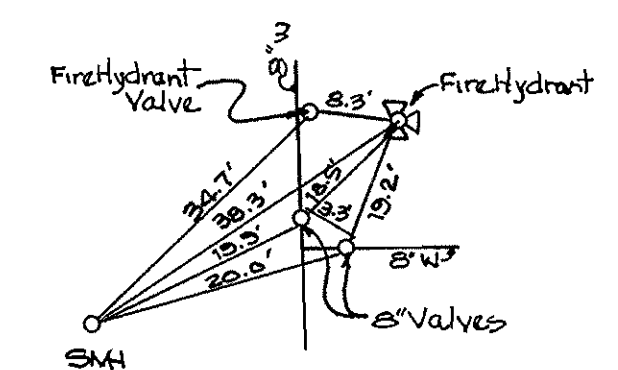
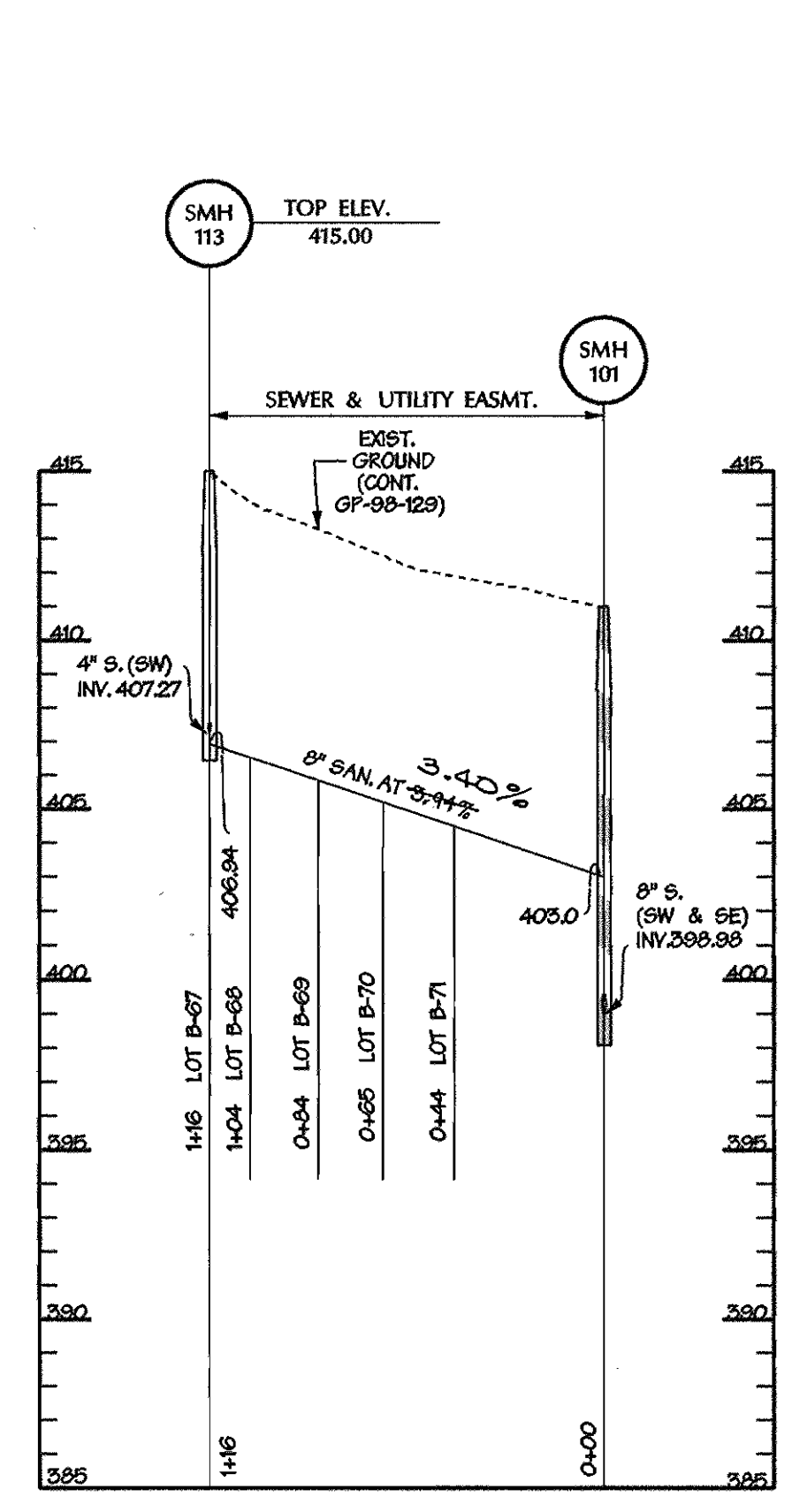
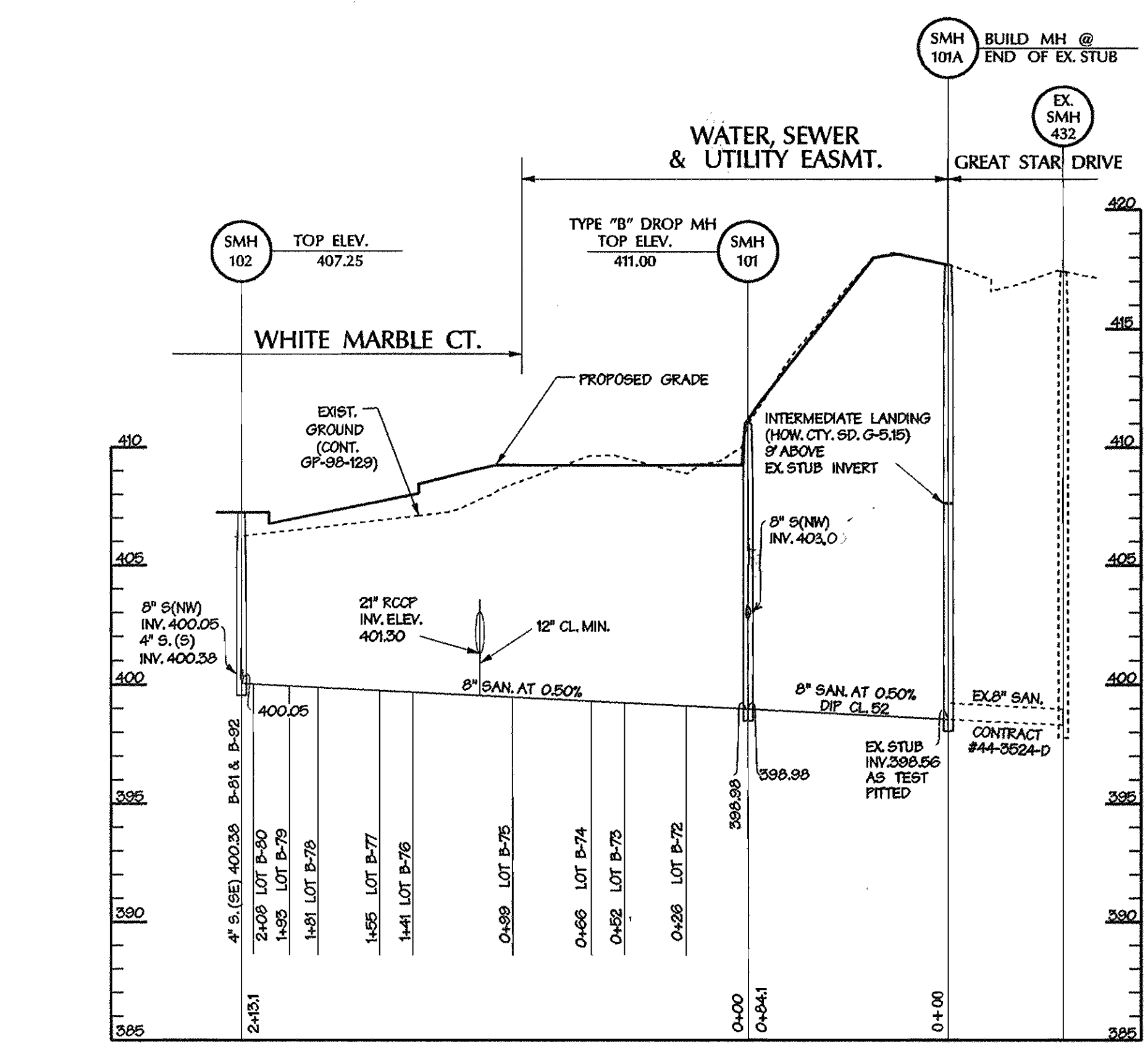
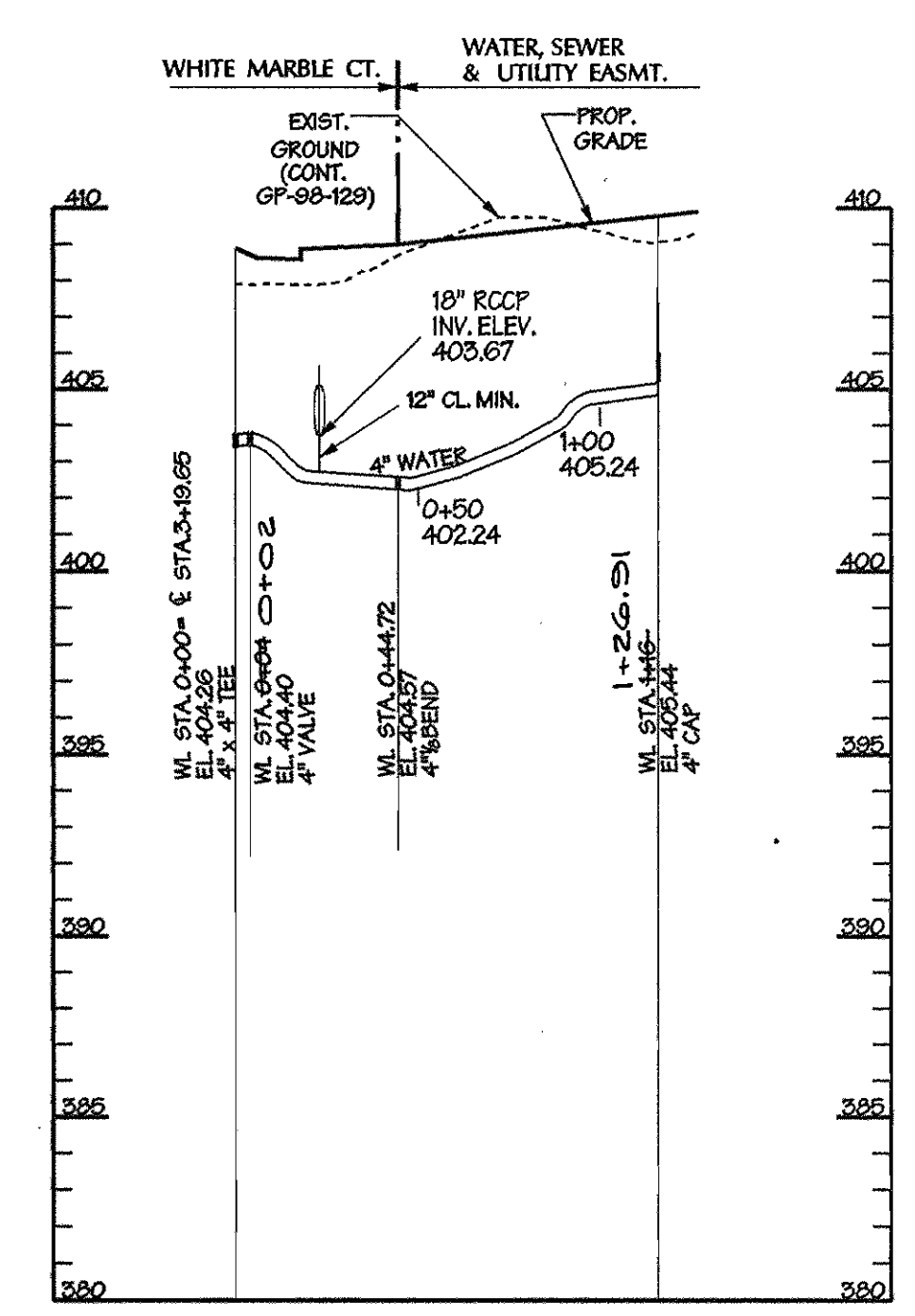
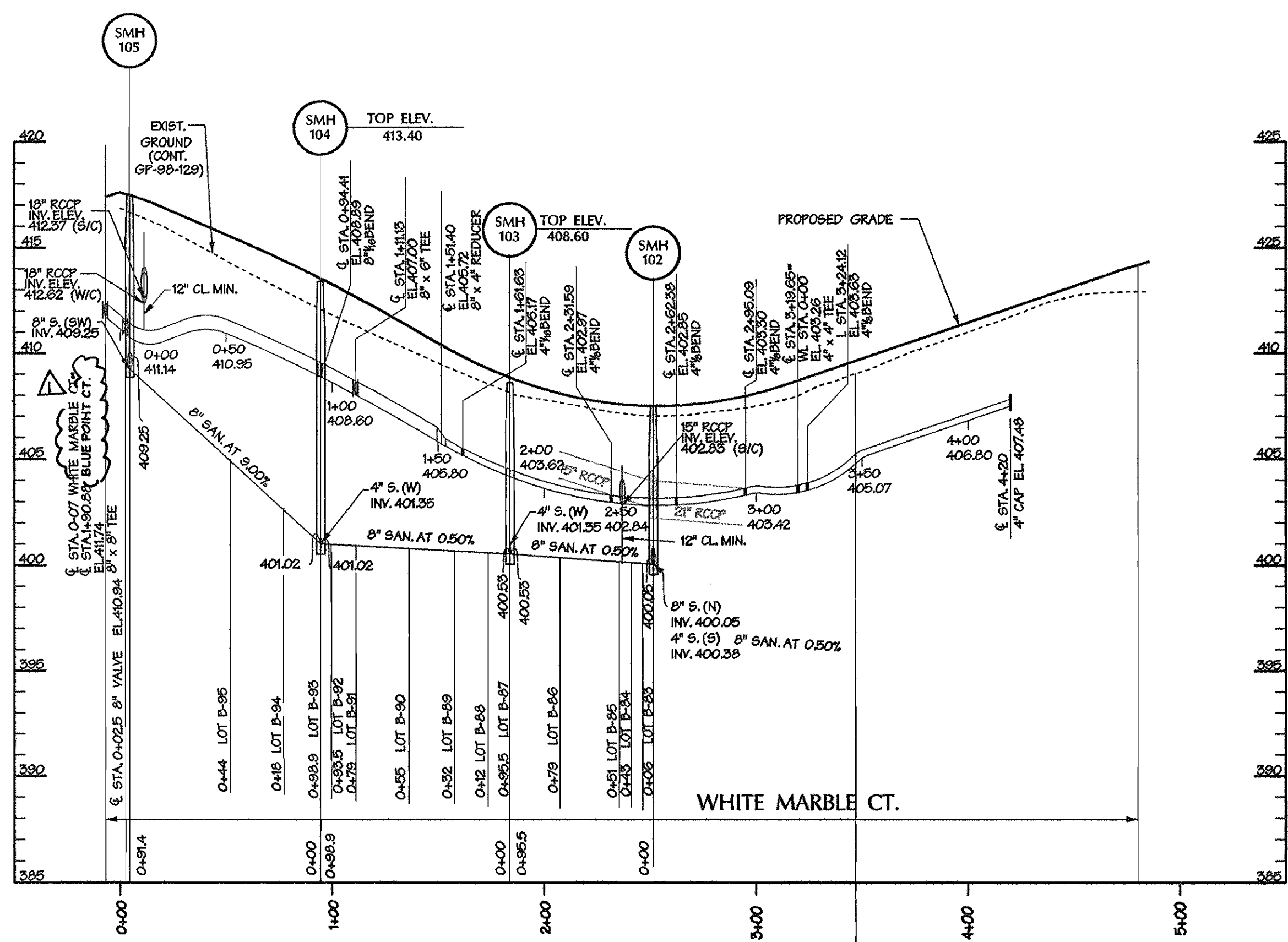
WATER AND SEWER
PLAN AND PROFILES

600 SCALE MAP NO. 35 BLOCK NO.

SEWER & WATER, AS-BUILTS

VILLAGE OF RIVER HILL
SECTION 4, AREA 1
TAX MAP 35 PARCEL B-3
5TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
CONT ACT NO. 34-3675-D

SCALE
1" = 50'
SHEET
2 OF 3



WHITE MARBLE CT. SEWER	SUMMER SKY CT. SEWER	WHITE MARBLE CT. WATER	SUMMER SKY CT. WATER								
FROM	TO	LOT	DIST	FROM	TO	LOT	DIST				
SMH 101	B71	46.0	FH	B36	40.5	SDM M4	B131	24.0	Inlet Great	FH	40.0
SMH 101	B70	65.0	FH	B37	56.0	SDM M4	B68	53.0	FH Inlet	FH Valve	7.6
SMH 101	B69	85.0	FH	B38	66.5	SDM M4	B69	57.5	Inlet Great	FH Valve	46.1
LOT B69	B68	20.0	FH	B39	93.0	SDM M4	B70	91.9	SMH 106	B36	49.3
LOT B68	B131	20.2	SMH 107	B100	45.0	SDM M4	B71	96.0	SMH 106	B37	80.4
SMH 113	B131	19.0	SMH 107	B101	29.6	SDM M2	B71	44.9	SMH 106	B38	84.4
SMH 113	B68	21.0	SMH 107	B102	23.3	SDM M2	B70	48.8	FH	B39	99.4
SMH 113	B69	35.2	LOT B101	B102	16.5	SDM M2	B69	83.4	FH	B100	102.0
SMH 113	B70	53.0	LOT B101	B100	26.9	SDM M2	B68	88.0	Lot 100	B101	108.8
SMH 113	B71	78.5	SMH 107	B39	57.0	SDM M2	B131	122.5	Lot 101	B102	4.5
SMH 101	B72	30.6	SMH 106	B38	85.6	SMH 101	B72	24.2	SMH 107	B102	22.0
SMH 101	B73	56.0	SMH 106	B37	72.5	SMH 101	B73	60.4	SMH 107	B101	22.1
SMH 101	B74	69.0	SMH 106	B36	39.0	SMH 101	B74	63.9	SMH 107	B100	47.1
SMH 101	B75	102.0	SMH 107	B103	58.0	SMH 101	B75	94.8	SMH 107	B39	51.3
SDM 2	B75	31.0	SMH 107	B104	33.5	SDM M2	B75	92.5	SMH 107	B38	89.2
SDM 2	B74	53.7	SMH 107	B105	31.0	SDM M2	B74	57.6	SMH 107	B37	93.0
SDM 2	B73	65.4	SMH 107	B106	39.0	SDM M2	B73	60.9	FH	B36	44.4
SDM 2	B72	51.8	SMH 107	B107	52.0	SDM M2	B72	97.4	SMH 107	B103	40.5
SDM 2	B76	41.0	SMH 107	B108	67.9	SDM M3	B76	77.2	SMH 107	B104	38.0
SDM 2	B77	53.0	SMH 107	B109	84.0	SDM M3	B77	47.9	SMH 107	B105	31.4
SDM 2	B78	79.0	SMH 108	B109	42.5	SDM M3	B78	43.9	SMH 107	B106	33.5
SDM 2	B79	85.5	SMH 108	B108	30.3	SDM M3	B79	30.3	SMH 107	B107	58.9
SMH 102	B79	26.5	SMH 108	B107	37.5	SDM M3	B80	30.5	SMH 107	B108	69.2
SMH 102	B78	35.8	SMH 108	B106	50.3	SDM M3	B81	96.6	SMH 108	B109	55.2
SMH 102	B77	60.3	SMH 108	B105	69.7	SDM M3	B82	59.8	SMH 112	B109	74.9
SMH 102	B76	73.2	SMH 108	B104	86.0	SMH 102	B82	44.5	SMH 108	B108	32.5
SMH 102	B81	30.9	LOT B104	B103	33.0	SMH 102	B81	41.0	SMH 108	B107	34.7
SMH 102	B82	49.0	SMH 108	B110	29.6	SMH 102	B80	15.4	SMH 108	B106	59.8
SMH 102	B83	31.7	SMH 112	B111	19.0	SMH 102	B79	17.7	SMH 108	B105	63.5
SMH 102	B84	45.0	SMH 112	B112	22.5	SMH 102	B78	44.7	SMH 108	B104	36.4
SMH 102	B85	53.8	SMH 112	B113	43.0	SMH 102	B77	48.3	SMH 108	B103	100.0
SMH 102	B86	80.4	SMH 112	B114	59.8	SMH 102	B76	81.6	SMH 108	B110	41.4
SMH 102	B87	26.3	SMH 112	B115	78.3	SMH 102	B83	31.4	SMH 108	B111	43.2
SMH 102	B88	20.0	SMH 111	B116	28.5	SMH 102	B84	34.4	SMH 108	B112	47.6
SDM 3	B80	26.0	SMH 114	B116	12.3	SMH 102	B85	59.6	SMH 112	B113	88.2
SDM 3	B81	49.9	SMH 111	B115	26.0	SMH 102	B86	88.7	SMH 112	B114	51.6
SDM 3	B82	69.5	SMH 111	B114	46.7	SMH 102	B87	92.0	SMH 112	B115	63.9
SDM 3	B83	41.0	SMH 111	B113	58.7	SMH 103	B88	34.3	SMH 111	B116	19.4
SMH 103	B84	95.7	SMH 111	B112	84.2	SMH 103	B89	37.9	SMH 114	B116	22.8
SMH 103	B85	46.7	SMH 111	B111	97.0	SMH 104	B85	76.9	SMH 111	B115	34.0
SMH 103	B86	21.6	SMH 112	B110	29.0	SMH 104	B86	81.0	SMH 111	B114	50.2
SMH 103	B87	19.0	SMH 114	B117	27.0	SMH 103	B87	14.9	SMH 111	B113	54.4
SMH 103	B88	23.0	SMH 114	B118	16.2	SMH 103	B88	16.2	SMH 111	B112	88.3
SMH 103	B89	46.5	SMH 114	B119	23.6	SMH 103	B89	40.7	SMH 111	B111	93.7
FH	B88	80.0	SMH 111	B120	26.0	SMH 103	B84	66.3	SMH 112	B110	59.0
FH	B89	72.0	SMH 111	B121	43.9	SMH 103	B83	70.0	SMH 114	B117	16.4
FH	B90	49.6	SMH 111	B122	62.9	SMH 104	B80	43.4	SMH 114	B118	14.5
FH	B91	41.5	SMH 110	B122	31.00	SMH 104	B81	38.4	SMH 114	B119	30.6
FH	B92	41.3	SMH 110	B121	41.9	SMH 104	B82	23.7	SMH 114	B120	34.8
FH	B93	46.0	SMH 110	B120	48.0	SMH 104	B83	24.9	SMH 111	B121	54.2
FH	B94	53.5	SMH 111	B119	36.6	SMH 104	B84	27.9	SMH 111	B122	56.9
SMH 104	B90	48.5	SMH 111	B118	44.0	SMH 104	B85	21.5	SMH 110	B122	31.8
SMH 104	B91	28.0	SMH 111	B117	63.6	FH	B95	82.2	SMH 110	B121	32.7
SMH 104	B92	20.0	SMH 110	B123	22.3	FH	B94	52.9	SMH 111	B120	30.3
SMH 104	B93	24.0	SMH 110	B124	33.6	FH	B93	50.5	SMH 111	B119	29.0
SMH 104	B94	28.2	SMH 110	B125	51.6	FH	B92	40.6	SMH 111	B118	50.5
SMH 104	B95	49.6	SMH 110	B126	72.0	FH	B91	44.0	SMH 111	B117	52.8
			SMH 109	B127	36.9	FH	B90	46.1	SMH 110	B123	28.1
			SMH 106	B127	52.0	SMH 104	FH	26.0	SMH 110	B124	30.9
			SMH 108	B126	20.3	SMH 104	FH Valve	20.0	SMH 110	B125	54.5
			SMH 108	B125	30.6	FH	FH Valve	9.3	SMH 110	B126	58.3
			SMH 109	B124	90.1	SDM M2	4" Valve	29.8	SMH 110	B127	88.6
			SMH 109	B123	69.0	SDM M3	4" Valve	81.3	SMH 109	B127	27.6
						SMH 105	8" Valve	12.2	SMH 109	B126	29.6
						Inlet 1-4	8" Valve	31.0	SMH 109	B125	28.1
									SMH 109	B124	52.5
									SMH 109	B123	56.2

SEWER/WATER AS-BUILTS

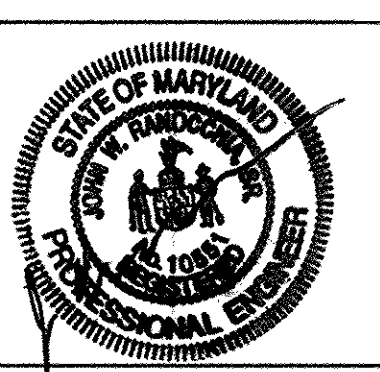
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HOWARD COUNTY, MARYLAND

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DMW
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A Team of Land Planners, 200 East Pennsylvania Avenue
Landscape Architects, Towson, Maryland 21286
Engineers, Surveyors & Environmental Professionals
410 236 3333
Fax 236 4705



DESIGN BY:	MMM		
DRAWN BY:	MMM		
CHECKED BY:			
DATE:	JUNE 19, 1998	REV. STREET NAME:	12-28-98
BY NO.	DM4 1	REVISION	DATE

WATER AND SEWER PROFILES

600 SCALE MAP NO. 35 BLOCK NO. 1

VILLAGE OF RIVER HILL
SECTION 4, AREA 1
TAX MAP 35 PARCEL B-3
5TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
CONTRACT NO. 34-3675-D

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

SHEET
3 OF 3