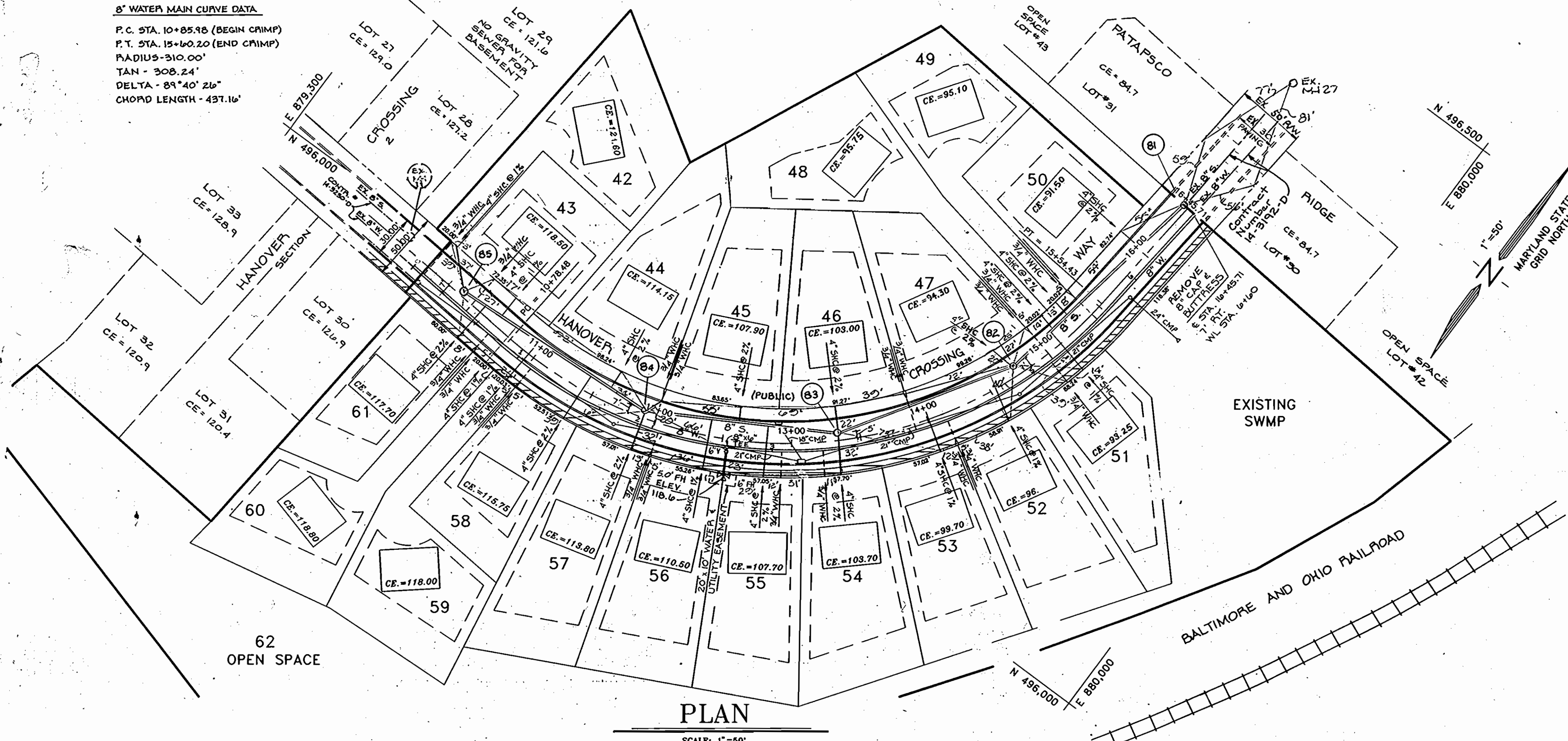


3321 WS/2 HANOVER CROSSING

Sewer House Connection				
Lot No.	Location	Inv. @ PL	Invert @ Main	
42	CL STA. 10+32, @ MH 85, 3.5' LT.	117.40	112.40	
43	CL STA. 10+45, 7.0' LT.	115.46	115.00	
44	CL STA. 11+61, 11.5' LT.	111.32	111.02	
45	CL STA. 12+61, 13.5' LT.	105.08	104.84	
46	CL STA. 13+35, @MH 83 5.0' LT.	100.30	99.90	
47	CL STA. 14+50, @MH 82 5.0' LT.	92.92	92.52	
48	CL STA. 15+15, 7.0' LT.	90.69	90.33	
49	CL STA. 15+28, @MH 81 5.0' LT.	90.330	89.90	
50	CL STA. 16+00, 8.5' LT.	81.62	81.26	
51	CL STA. 15+12, 7.0' LT.	91.17	90.47	
52	CL STA. 14+50, @MH 82 5.0' LT.	93.12	92.52	
53	CL STA. 14+00, 10.5' LT.	96.461	95.70	
54	CL STA. 13+35, @MH 83 5.0' LT.	100.50	99.90	
55	CL STA. 12+83, 11.5' LT.	104.21	103.46	
56	CL STA. 12+41, 12.0' LT.	106.96	106.21	
57	CL STA. 11+91.5, @MH 84 7.0' LT.	110.30	109.70	
58	CL STA. 11+43, 12.5' LT.	112.53	111.77	
59	CL STA. 10+96, 12.5' LT.	114.48	113.74	
60	CL STA. 10+75, 10.0' LT.	115.32	114.62	
61	CL STA. 10+50, 7.0' LT.	116.45	115.81	

8" WATER MAIN CURVE DATA
 P.C. STA. 10+85.98 (BEGIN CRIMP)
 P.T. STA. 15+60.20 (END CRIMP)
 RADIUS = 510.00'
 TAN = 308.24'
 DELTA = 89°40'26"
 CHORD LENGTH = 437.16'

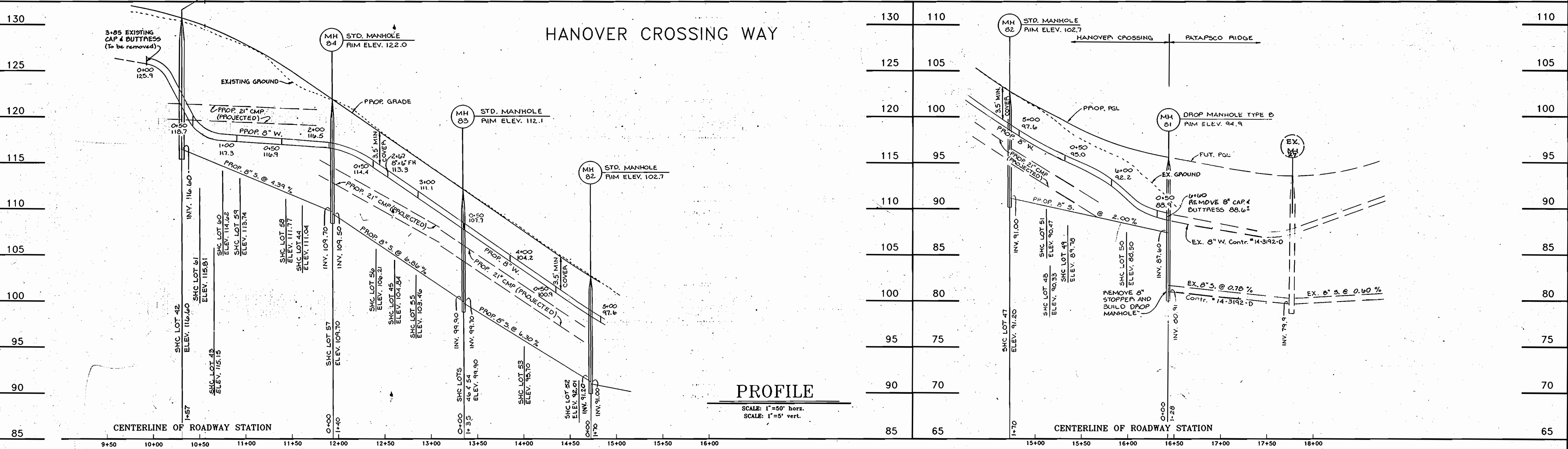


NOTE: ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTINGS EXCEPT FOR PIPE STEM LOTS.

OWNER
 J.N.D.C. Limited Partnership
 5570 Sterrett Place, Suite 201
 Columbia, Maryland 21044
 Phone: (410) 997-4430
 Phone: (301) 596-3887

DEVELOPER
 NEWBURN DEVELOPMENT CORPORATION
 5570 Sterrett Place, Suite 201
 Columbia, Maryland 21044
 Phone: (410) 997-4430
 Phone: (301) 596-3887

Manhole Specifications				
No.	Location	Rim Elev.	Remarks	Detail No.
81	CL STA. 16+46, 20' RT. I	94.9	DROP MANHOLE	S1.32
82	CL STA. 14+75, 7.0' LT.	102.7	STD. MANHOLE	G5.01
83	CL STA. 13+35, 5.0' LT.	112.1	STD. MANHOLE	G5.01
84	CL STA. 11+91.5, 7.0' LT.	122.0	STD. MANHOLE	G5.01
85	CL STA. 10+32, 3.5' LT.	130.7	TERMINAL MANHOLE	S1.31



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

5/12/94
 DIRECTOR OF PUBLIC WORKS

5/12/94
 CHIEF, BUREAU OF (RNO) ENGINEERING

5-5-94
 CHIEF, BUREAU OF UTILITIES

5/12/94
 CHIEF, LAND DEVELOPMENT

ENGINEER
 JOSE ESCALANTE P.E.
 6623 Hunters Wood Circle
 Baltimore, Md. 21228
 (410) 238-9930



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

WATER AND SEWER MAIN
 EXTENSION
 PLAN & PROFILES

600' SCALE MAP NO. 38 BLOCK NO. 15

HANOVER CROSSING
 SECTION THREE
 LOTS 42 THRU LOTS 62
 CONTRACT NO. 14-3321-D
 1st ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 2 of 2

AS-BUILT 10/13/94