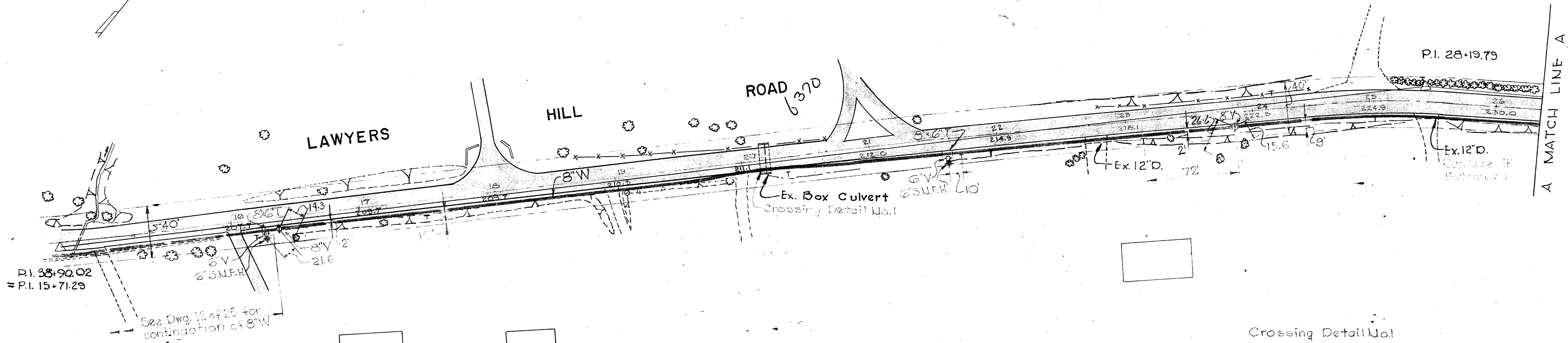


NOTE: Elevations shown are existing elevations
 W.R.&A. P.I. 15+71.29 Elev. 206.31
 W.R.&A. P.I. 28+19.79 Elev. 207.75
 Water main to have a minimum of
 4.0 ft. of cover.
 No Gas
 Static Design Pressure at Crossing No. 1 =
 10.7 psi. Based on the Valve Ave. Tank.

BILL OF MATERIALS		
NO.	DESCRIPTION	SIZE
1	Tees	8" x 6"
2	Valves	8"
1	Valve	6"
1	Fire Hydrant	6"
990	Class 22 C.I.P.	+0.41"
5	Class 22 C.I.P.	+0.35"

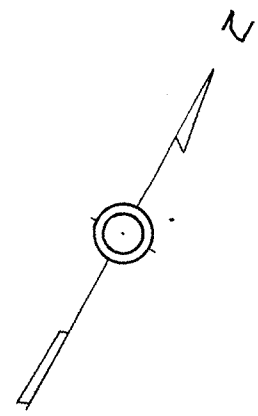


Contract 2-W

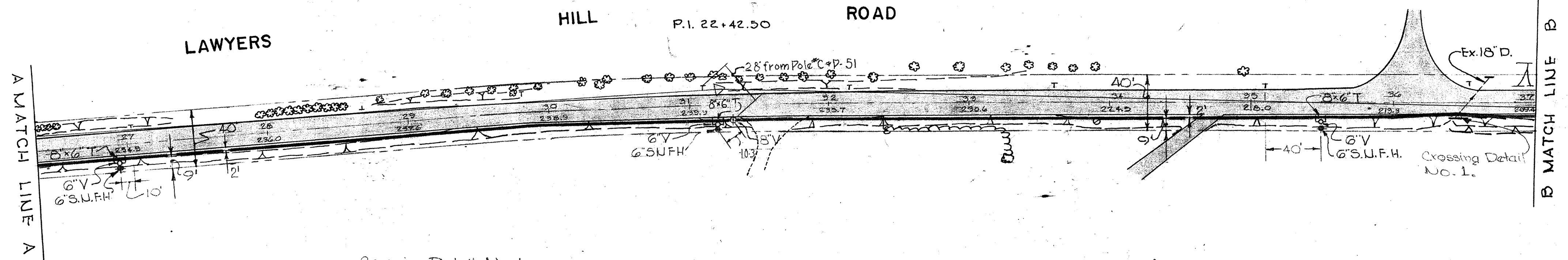
Crossing Detail No. 1	
Existing Grade	211.0
Bottom Box Culvert	205.7
Top 8" W	205.2
Clearance	0.5

RIGHT OF WAY SECURED	
DATE	REFERENCE
	County Rd.
PERMIT REQUESTED County Road	
PERMIT NUMBER	
GRADE ESTABLISHED	
PROFILE NUMBER	

DRAWN TRACED CHECKED EXAMINED	HOWARD COUNTY METROPOLITAN COMMISSION ELKRIDGE SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION JUNE 19, 1956 DATE	APPROVED FOR CITY OF BALTIMORE 7-19-56 DATE	PROPOSED 8" WATER MAIN IN LAWYERS HILL ROAD 1500' EAST OF MONTGOMERY RD., 3000' EASTERLY ELKRIDGE MARYLAND	PREPARED BY WHITMAN REQUARDT & ASSOCIATES CONSULTING ENGINEERS BALTIMORE, MD.	DRAWING NO 1 OF 4	SCALE 1"=50'	JO DATE FILE



NOTE: Elevations shown are existing ± elevations
 W.R. & A. P.I. 22+42.50 Elev. 238.34
 Water main to have a minimum of
 4.0 ft. of cover.
 No Gas
 Static Design Pressure at Crossing No. 1
 = 157 p.s.i. based upon the Melvin Ave. Tank.

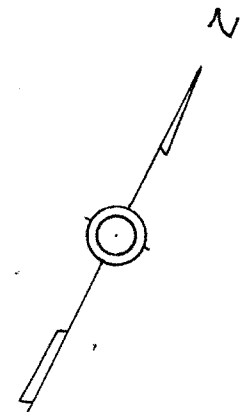


Crossing Detail No. 1
 Existing Grade 209.2
 Bottom 18" Drain 206.0
 Top 8" W. 205.2
 Clearance 0.8

BILL OF MATERIALS		
NO.	DESCRIPTION	SIZE
3	Tees	8x6"
1	Valve	8"
3	Valves	6"
3	Fire Hydrants	6"
1060	Class 22 C.I.P.	± 0.41"
15	Class 22 C.I.P.	± 0.38"

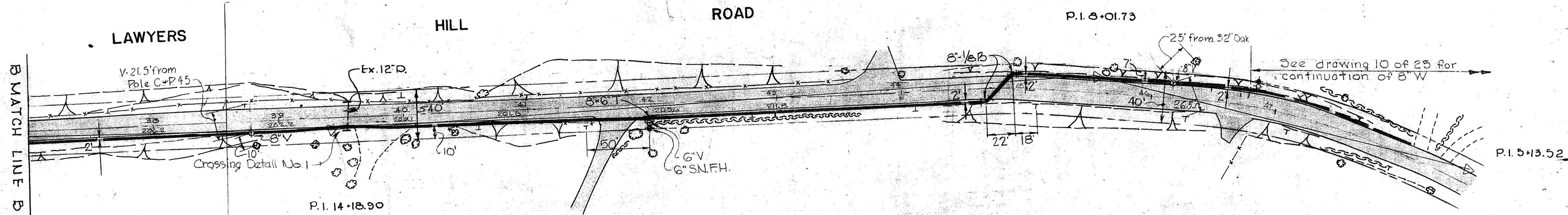
DATE _____		RIGHT OF WAY SECURED	
		REFERENCE County Road	
PERMIT REQUESTED _____		County Road	
PERMIT NUMBER _____			
GRADE ESTABLISHED _____			
PROFILE NUMBER _____			

DRAWN TRACED CHECKED EXAMINED	HOWARD COUNTY METROPOLITAN COMMISSION ELKRIDGE SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION JUNE 19, 1956 DATE 	APPROVED FOR CITY OF BALTIMORE 7-19-56 DATE WATER ENGINEER DIR. PUBLIC WORKS	C.W.O. 29492 PROPOSED 8" WATER MAIN IN LAWYERS HILL ROAD 1500' EAST OF MONTGOMERY RD., 3000' EASTERLY ELKRIDGE MARYLAND	PREPARED BY WHITMAN REQUARDT & ASSOCIATES CONSULTING ENGINEERS BALTIMORE, MD.	DRAWING NO 2 OF 4	SCALE 1" = 50'	JO DATE FILE
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NOTE: Elevations shown are existing & elevations.
 W.R. & A. P.I. 8+01.73 Elev. 232.11
 Water mains to have a minimum of
 4.0 ft. of cover.
 No Gas.
 Static Design Pressure at Crossing No. 1 =
 100 p.s.i. based upon the Melvin Ave. Tank.

BILL OF MATERIALS		
NO.	DESCRIPTION	SIZE
1	TEE	8" x 6"
2	Valves	8"
1	Valves	6"
1	Fire Hydrant	6"
2	Bands	8" x 1/8"
990	Class 22 C.I.P. +0.41'	8"
5	Class 22 C.I.P. +0.38'	6"



Crossing Detail No. 1

Existing Grade	200.7
Bottom 12" Drain	193.7
Top 8" W	196.7
Clearance	2.0

RIGHT OF WAY SECURED	
DATE	REFERENCE <u>County Road</u>
PERMIT REQUESTED	<u>County Road</u>
PERMIT NUMBER	_____
GRADE ESTABLISHED	_____
PROFILE NUMBER	_____

DRAWN
 TRACED
 CHECKED
 EXAMINED

HOWARD COUNTY
 METROPOLITAN COMMISSION
 ELKRIDGE SUB-DISTRICT
 MARYLAND

APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION
 JUNE 19, 1956
 DATE

APPROVED FOR CITY OF BALTIMORE
 7-19-56
 DATE

PROPOSED 8" WATER MAIN IN LAWYERS HILL ROAD
 1500' EAST OF MONTGOMERY RD., 3000' EASTERLY
 ELKRIDGE MARYLAND

PREPARED BY
 WHITMAN REQUARDT & ASSOCIATES
 CONSULTING ENGINEERS
 BALTIMORE, MD.

DRAWING NO. 3 OF 4
 SCALE 1"=50'
 J.O. DATE FILE

C.W.O. 29492

2W