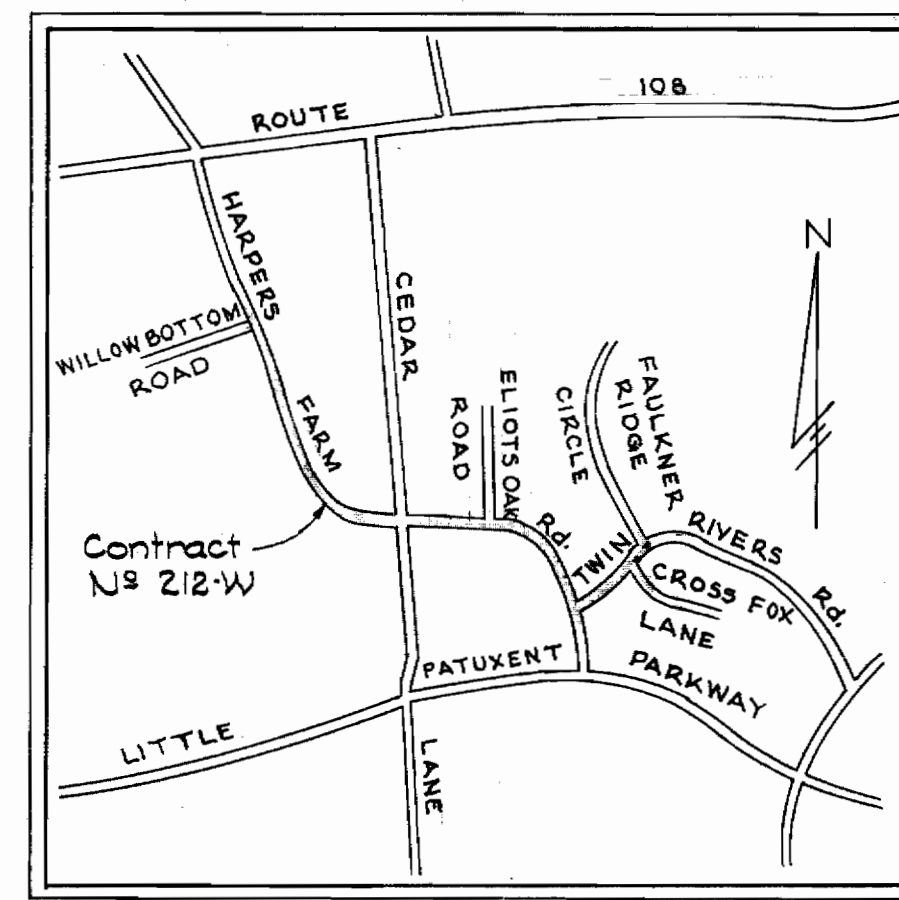
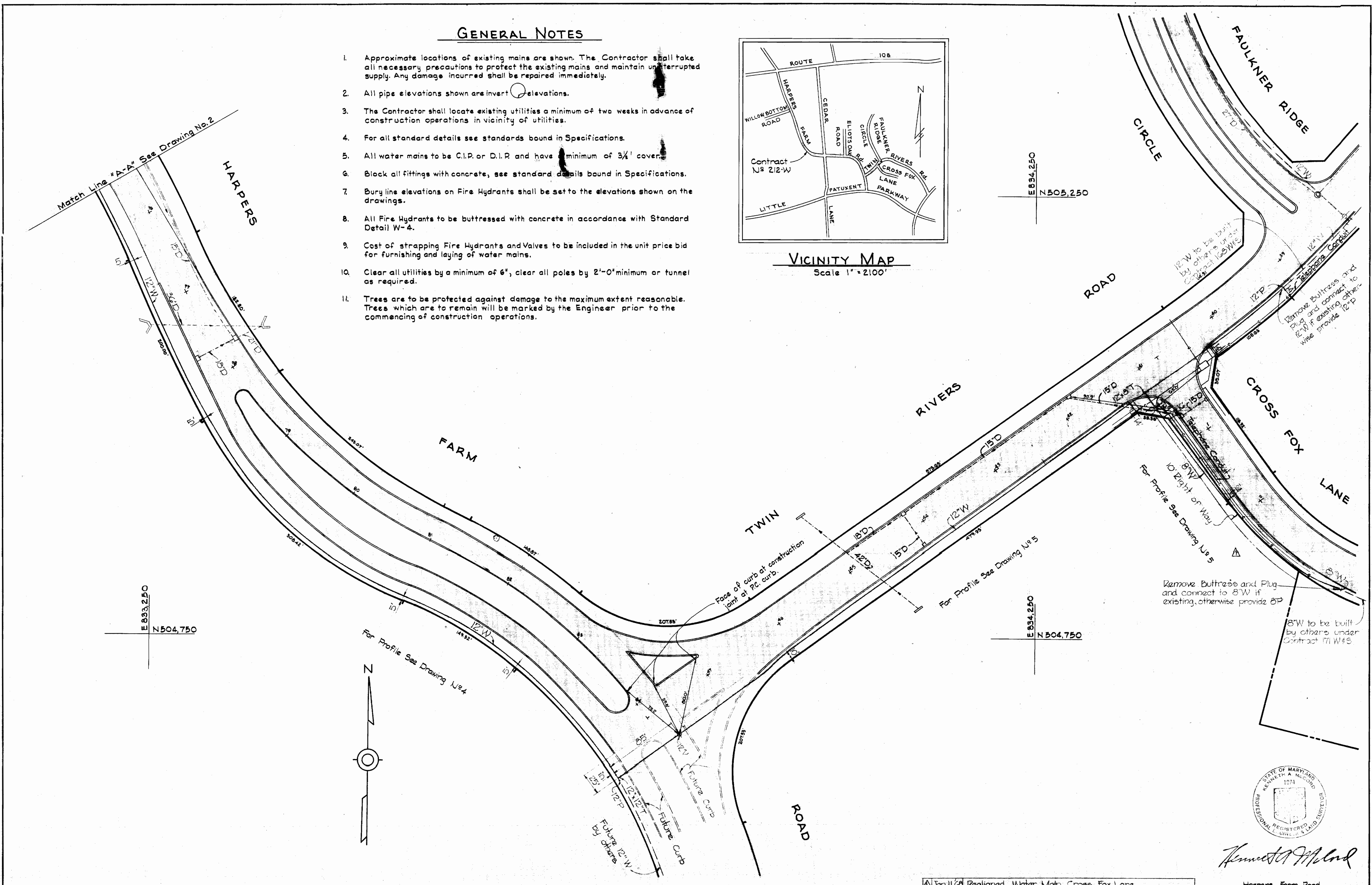


**GENERAL NOTES**

1. Approximate locations of existing mains are shown. The Contractor shall take all necessary precautions to protect the existing mains and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
2. All pipe elevations shown are invert elevations.
3. The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
4. For all standard details see standards bound in Specifications.
5. All water mains to be C.I.P. or D.I.P and have a minimum of 3' cover.
6. Block all fittings with concrete, see standard details bound in Specifications.
7. Bury line elevations on Fire Hydrants shall be set to the elevations shown on the drawings.
8. All Fire Hydrants to be buttressed with concrete in accordance with Standard Detail W-4.
9. Cost of strapping Fire Hydrants and Valves to be included in the unit price bid for furnishing and laying of water mains.
10. Clear all utilities by a minimum of 6", clear all poles by 2'-0" minimum or tunnel as required.
11. Trees are to be protected against damage to the maximum extent reasonable. Trees which are to remain will be marked by the Engineer prior to the commencing of construction operations.



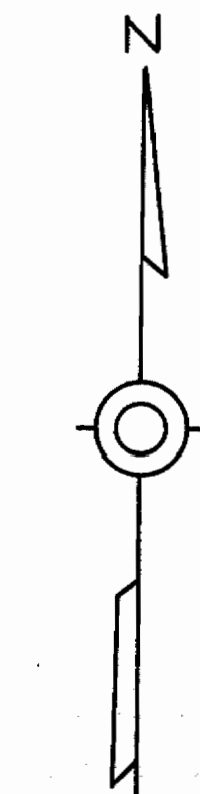
**VICINITY MAP**  
Scale 1" = 2100'



Match Line "A-A" See Drawing No. 2

E 833.250  
N 504.750

E 834.250  
N 504.750



12" W to be buried by others under Contract 171 W & S  
Remove Buttress and Plug and connect to 8" W if existing, otherwise provide 8" W  
8" W to be built by others under Contract 171 W & S  
10' Right of Way  
For Profile See Drawing No. 5



*Kenneth A. McLeod*

Jan 11, 68 Realigned Water Main Cross Fox Lane  
No Date: Revision

Harpers Farm Road  
Contract No. 212-W

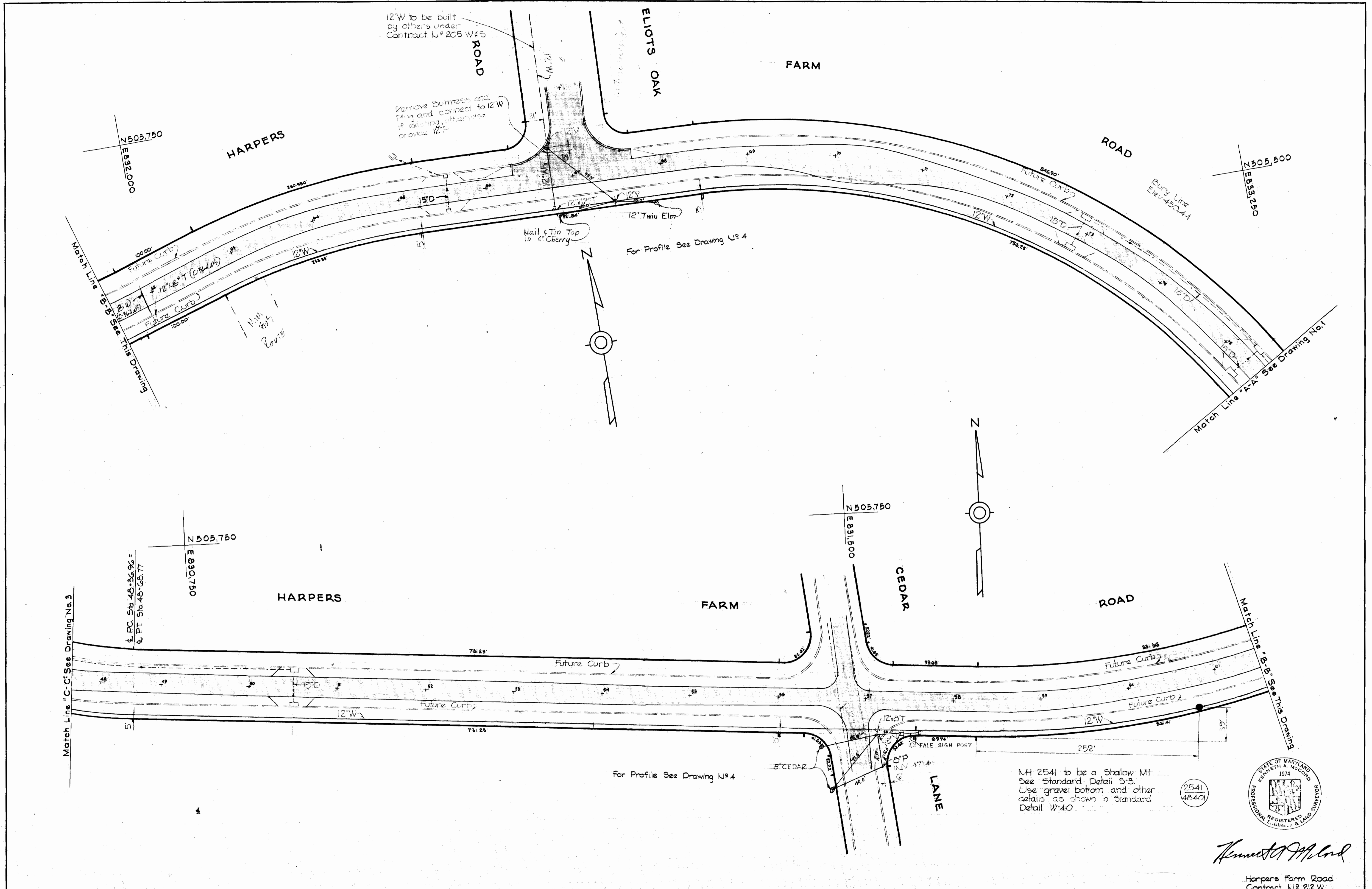
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE 11-15-07 <i>W. O. Filbert</i> CHIEF ENGINEER	CONTRACT NO. 212-W	PLAN OF WATER MAINS	COLUMBIA VILLAGE OF HARPER'S CHOICE ELECTION DISTRICT CLARKSVILLE No 5	DRAWING NO. 1 OF 5 SCALE AS SHOWN
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W. O. 5735-2

AS BUILT JUNE 14, 1967 EB4029

WS 212-W/1

WS 212-W/2



MH 2541 to be a Shallow MH  
 See Standard Detail 5-3.  
 Use gravel bottom and other  
 details as shown in Standard  
 Detail W-40

2541  
 48471



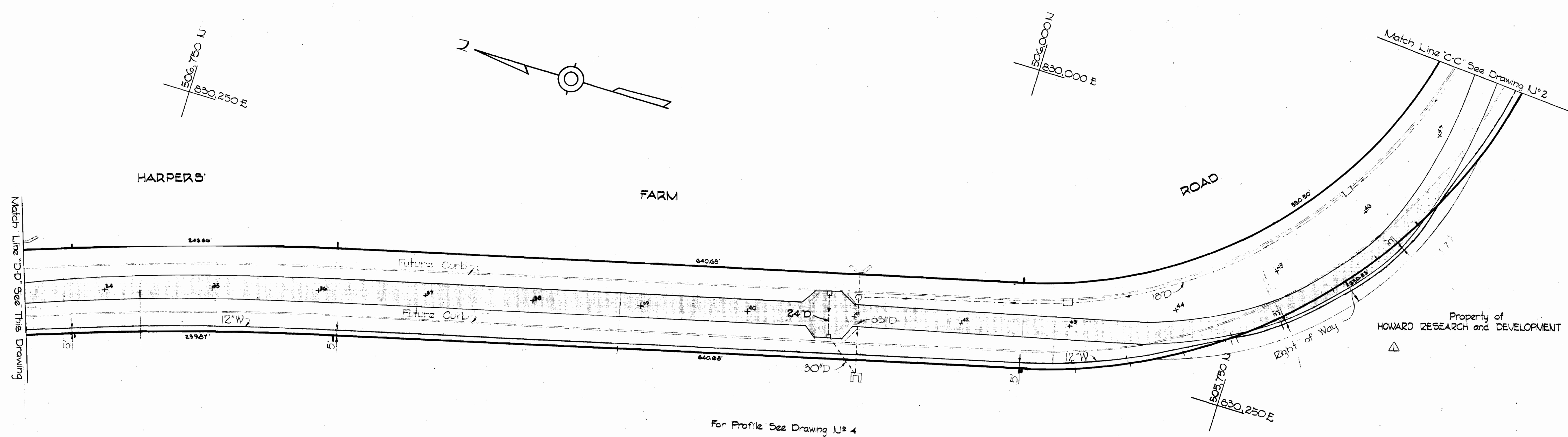
*Kenneth A. Accord*

Harper's Farm Road  
 Contract No. 212-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE 11-15-67 <i>W. O. Pickett</i> CHIEF ENGINEER	CONTRACT NO. 212-W	PLAN OF WATER MAINS	COLUMBIA VILLAGE OF HARPER'S CHOICE ELECTION DISTRICT-CLARKSVILLE No.5	DRAWING NO. 2 OF 5	SCALE 1"=50' 805-476,809-475
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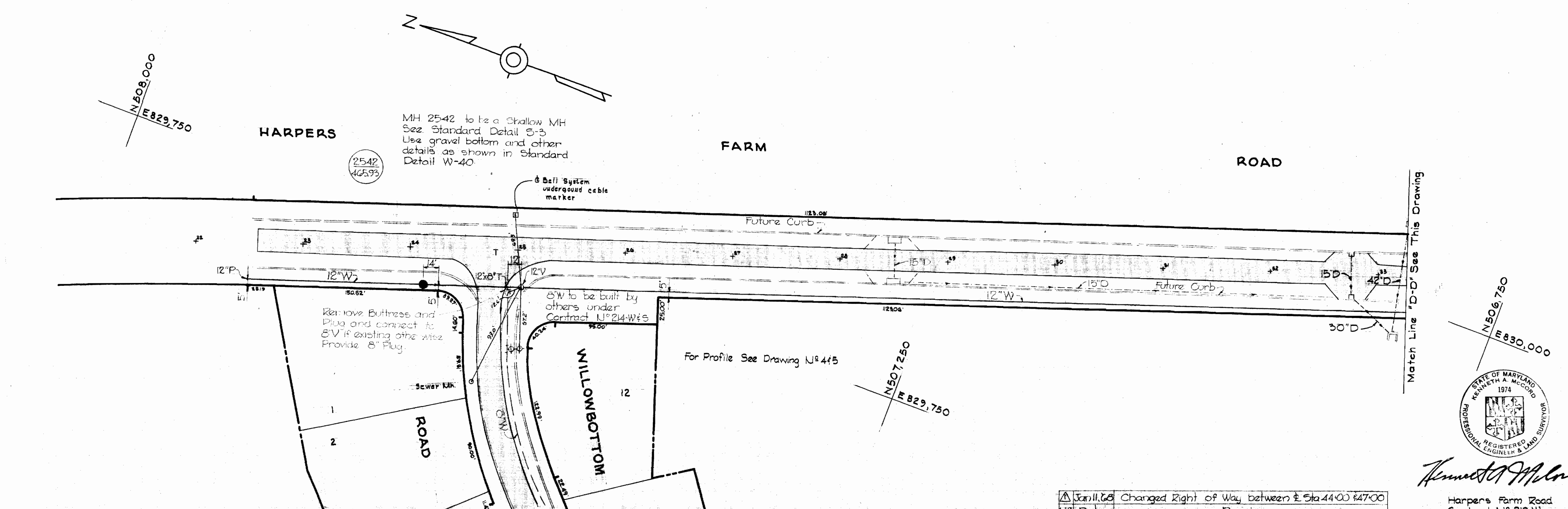
W. O. 5735-2

11118 SV JUL 14, 1968 FB.4029



Property of  
HOWARD RESEARCH and DEVELOPMENT CORP

For Profile See Drawing N<sup>o</sup> 4



MH 2542 to be a shallow MH  
See Standard Detail S-3  
Use gravel bottom and other  
details as shown in Standard  
Detail W-40

Remove Buttress and  
Plug and connect to  
8" V if existing otherwise  
Provide 8" Plug.

8" Bell System  
underground cable  
marker

For Profile See Drawing N<sup>o</sup> 4 & 5

Jan 11, 68 Changed Right of Way between E Sta 44+00 & 47+00  
N<sup>o</sup> Date Revision



*Kenneth A. McCord*

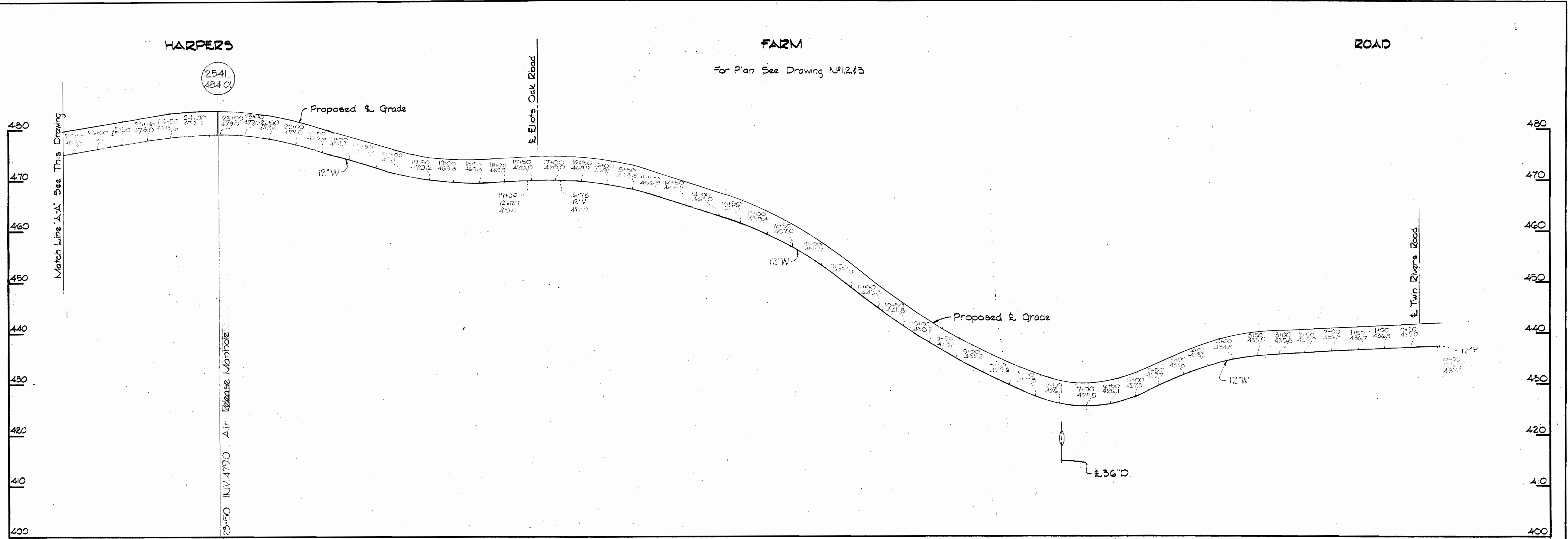
Harper's Farm Road  
Contract N<sup>o</sup> 212-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE 11-15-67 <i>W. O. Filbert</i> CHIEF ENGINEER	CONTRACT NO. 212-W	PLAN OF WATER MAINS	COLUMBIA VILLAGE OF HARPER'S CHOICE ELECTION DISTRICT-CLARKSVILLE No. 5	DRAWING NO. 3 OF 5 SCALE 1" = 50' 508-475, 506-475, 507-475
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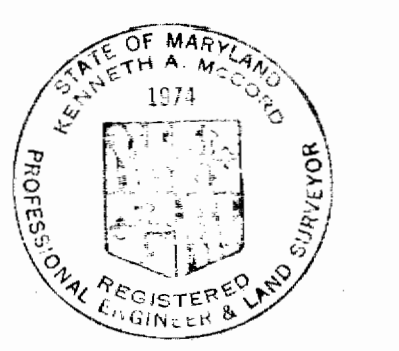
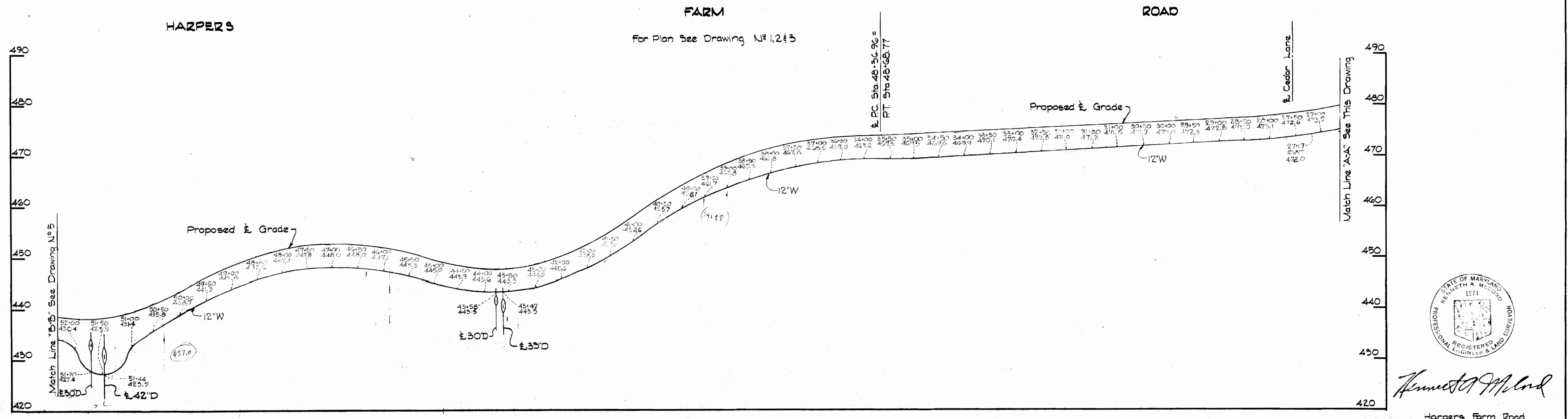
W. O. 5735-2

AS BUILT JUNE 14, 1968 FB. 4029

IS 212-W/3



ALL WATER PIPE CAST IRON



*Kenneth A. McCord*

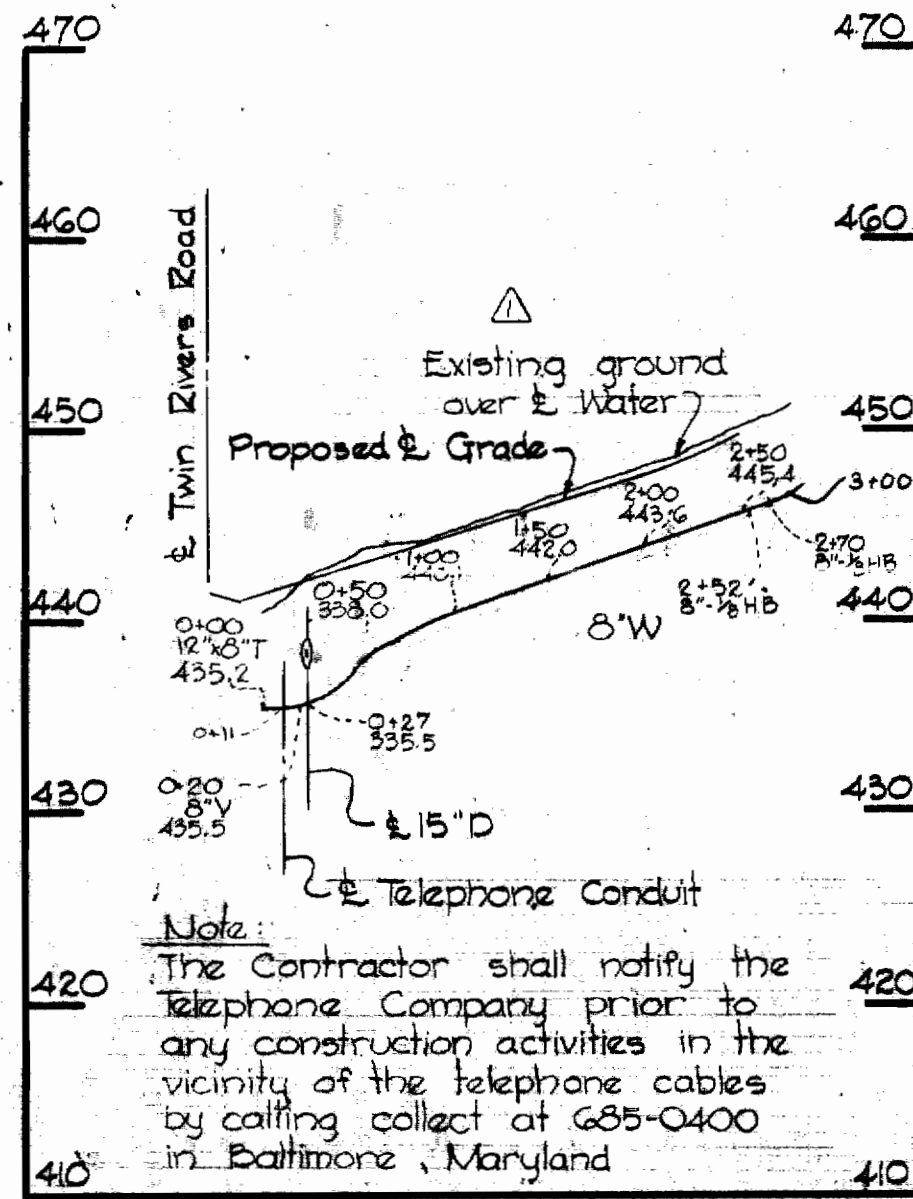
Harpers Farm Road  
Contract No. 212-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: 11-15-67 <i>W. J. ...</i> CHIEF ENGINEER	CONTRACT NO. 212-W	PROFILES OF WATER MAINS	COLUMBIA VILLAGE OF HARPER'S CHOICE ELECTION DISTRICT CLARKVILLE No 5	DRAWING NO. 4 OF 5 SCALE V-1"=10' H-1"=100' AS BUILT JUNE 14, 1968
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WS 212-W/4

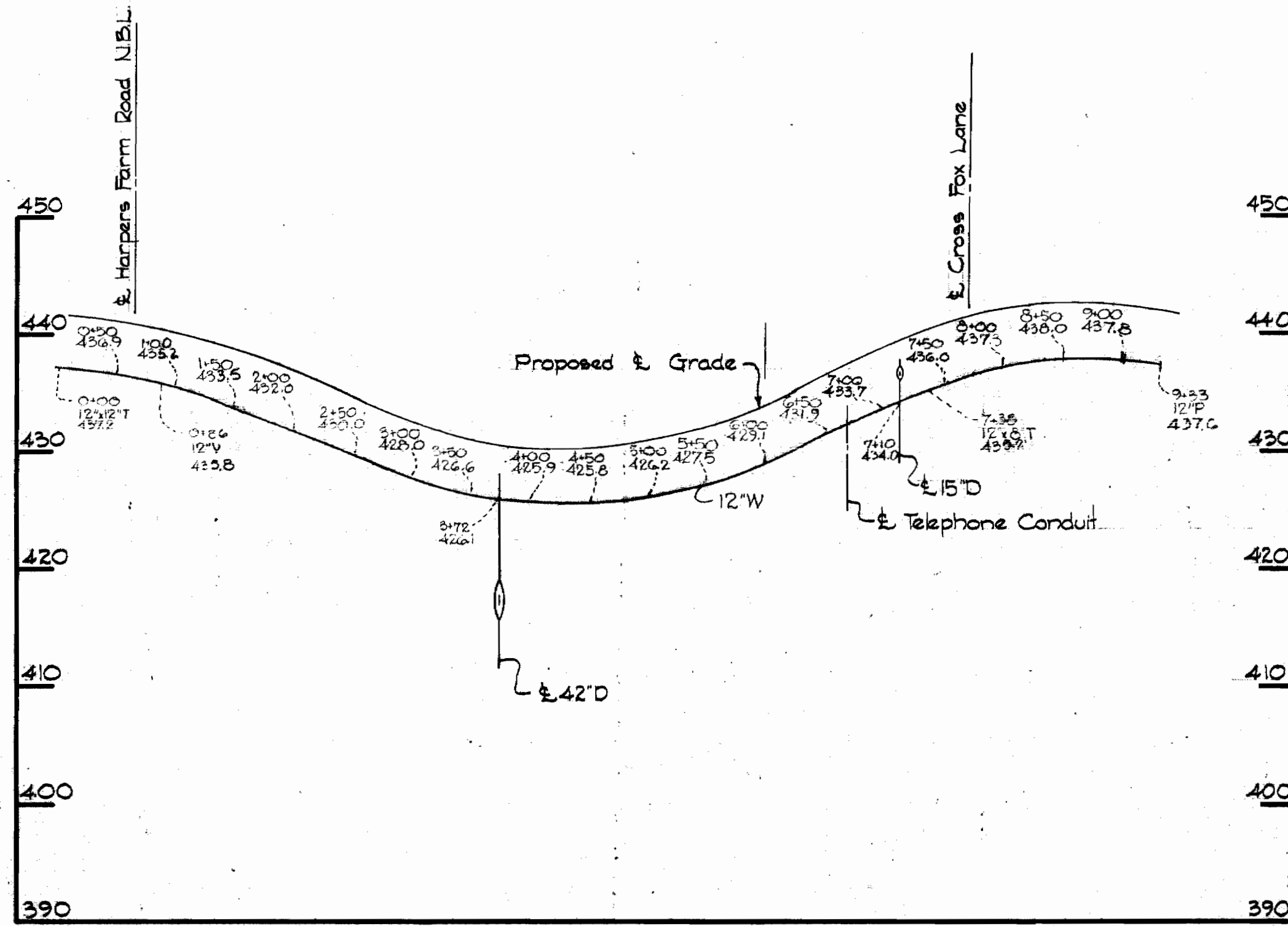
CROSS FOX LAKE

For Plan See Drawing N#1



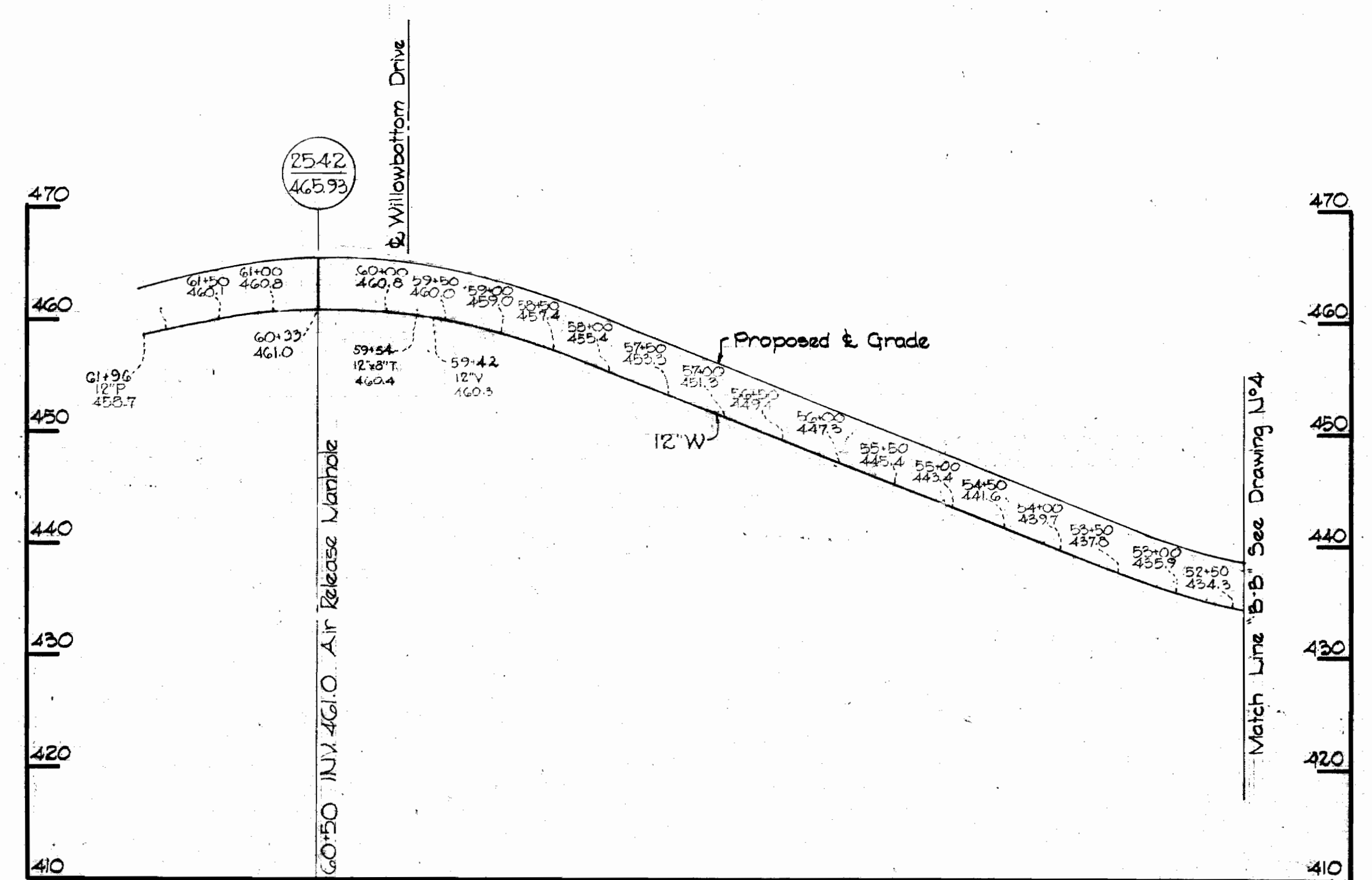
TWIN RIVERS ROAD

For Plan See Drawing N#1



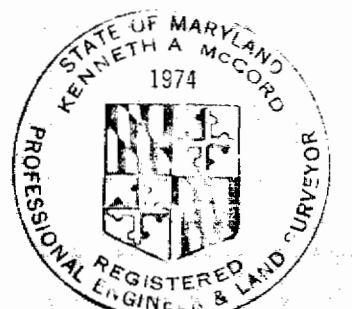
HARPERS FARM ROAD

For Plan See Drawing N#1



ALL WATER PIPE - CAST IRON

NS 212-W/5



*Kenneth A. McCord*

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: 11-15-67 <i>W. O. Silbert</i> CHIEF ENGINEER	CONTRACT NO. 212-W	PROFILES OF WATER MAINS	11.68 Realigned Water Main Cross Fox Lane Date: _____ Revision: _____	Harpers Farm Road Contract N# 212-W
				COLUMBIA VILLAGE OF HARPER'S CHOICE ELECTION DISTRICT CLARKSVILLE No 5	DRAWING NO. 5 OF 5 SCALE V-1"=10' H-1"=40'