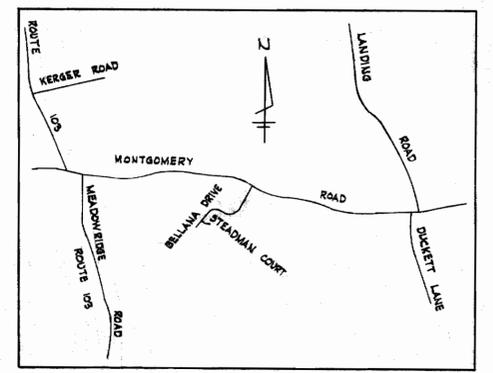
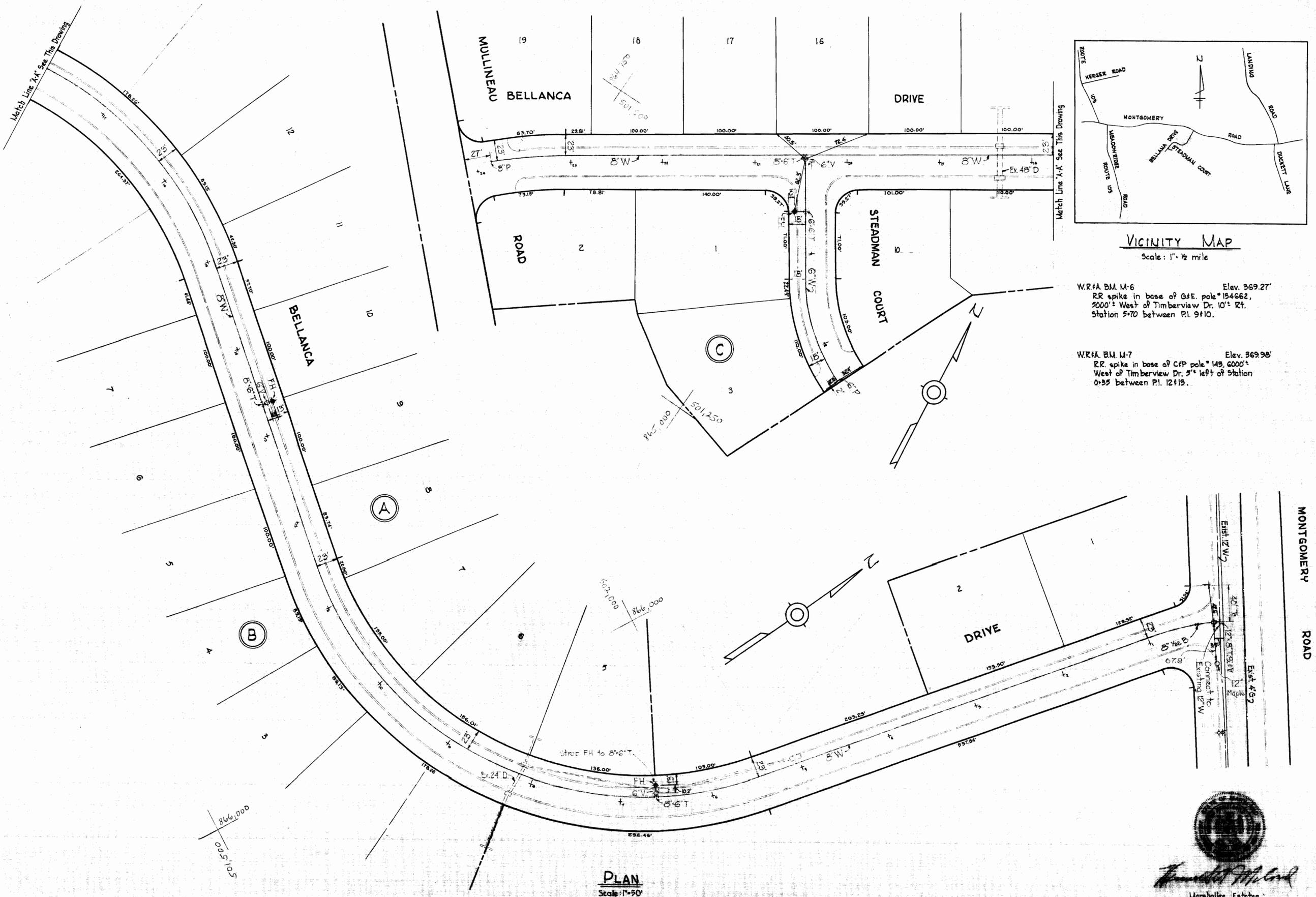


WS 158-W/1



VICINITY MAP
Scale: 1" = 1/2 mile

W.R.#A. BM. M-6 Elev. 369.27'
RR spike in base of G&E pole # 154662,
2000' West of Timberview Dr. 10' Rt.
Station 5+70 between P.I. 9+10.

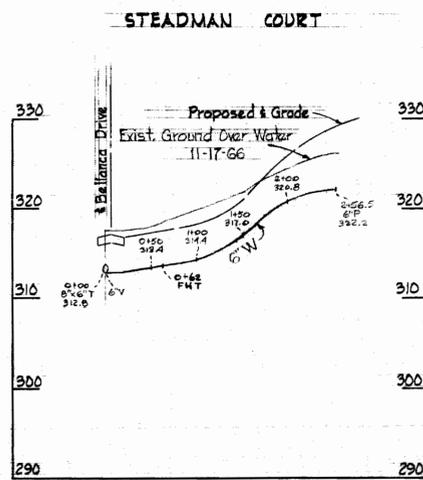
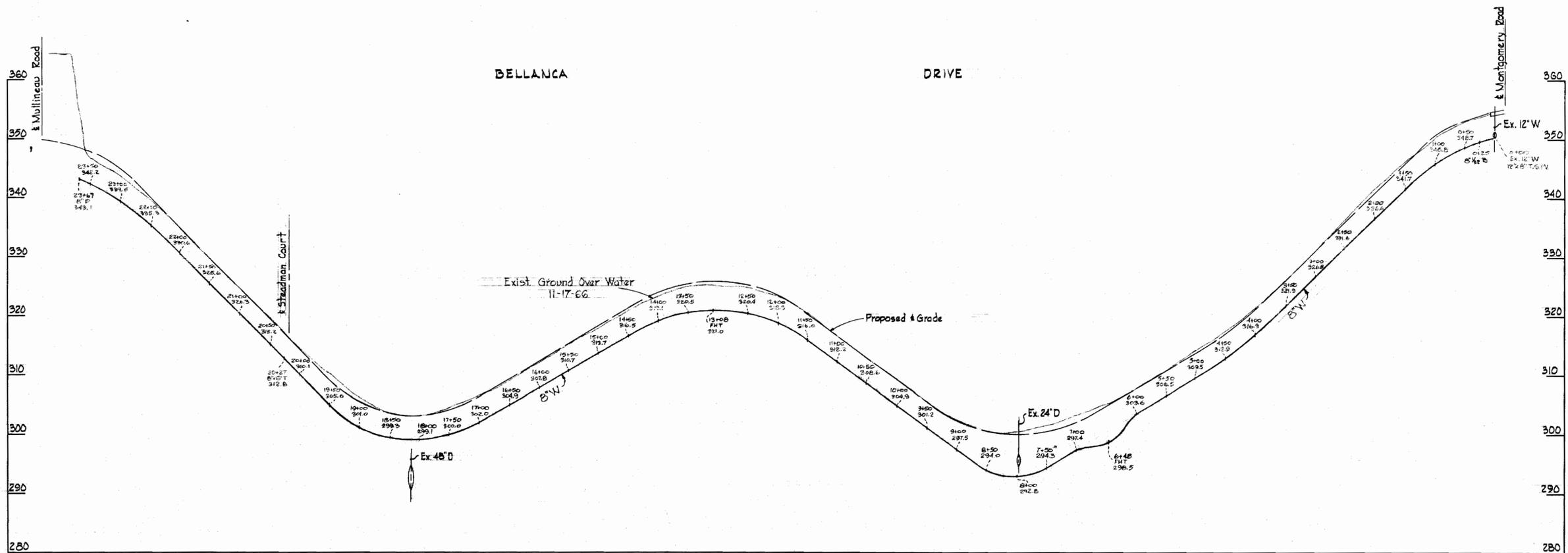
W.R.#A. BM. M-7 Elev. 369.98'
RR spike in base of C&P pole # 149,6000'
West of Timberview Dr. 5' left of Station
0+35 between P.I. 12+19.

PLAN
Scale: 1" = 50'



Howard County
Marshall's Estates
Contract No. 128-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE 11-22-66 <i>w. o. libby</i> CHIEF ENGINEER	CONTRACT NO. 158-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELKRIDGE NO. 1	DRAWING NO. 1 OF 2 SCALE 1" = 50'
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GENERAL NOTES

1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services 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 1/2' cover.
6. Block all fittings with concrete, see standard details bound in Specifications.
7. Bury line elevation on fire hydrants shall be set the same as edge of paving or as directed by the Engineer in the field.
8. Buttress fire hydrants with concrete; provide copper pipe at weep holes as required for positive drainage. For Buttress dimensions see standard detail W-8 Buttress for Caps.
9. Clear all utilities by a minimum of 6".
10. Cost of strapping Fire Hydrant to be included in the unit price bid for excavation and backfill of water mains.



Marshall Estates
Contract No. 158-W

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION

11-22-66
DATE

W. O. P. [Signature]
CHIEF ENGINEER

CONTRACT NO. 158-W

PROFILES OF
WATER MAINS

ELECTION DISTRICT
ELKRIDGE NO.1

DRAWING
NO. 2
OF 2

SCALE
H-1"=100'
V-1"=10'

WS 158-W/2