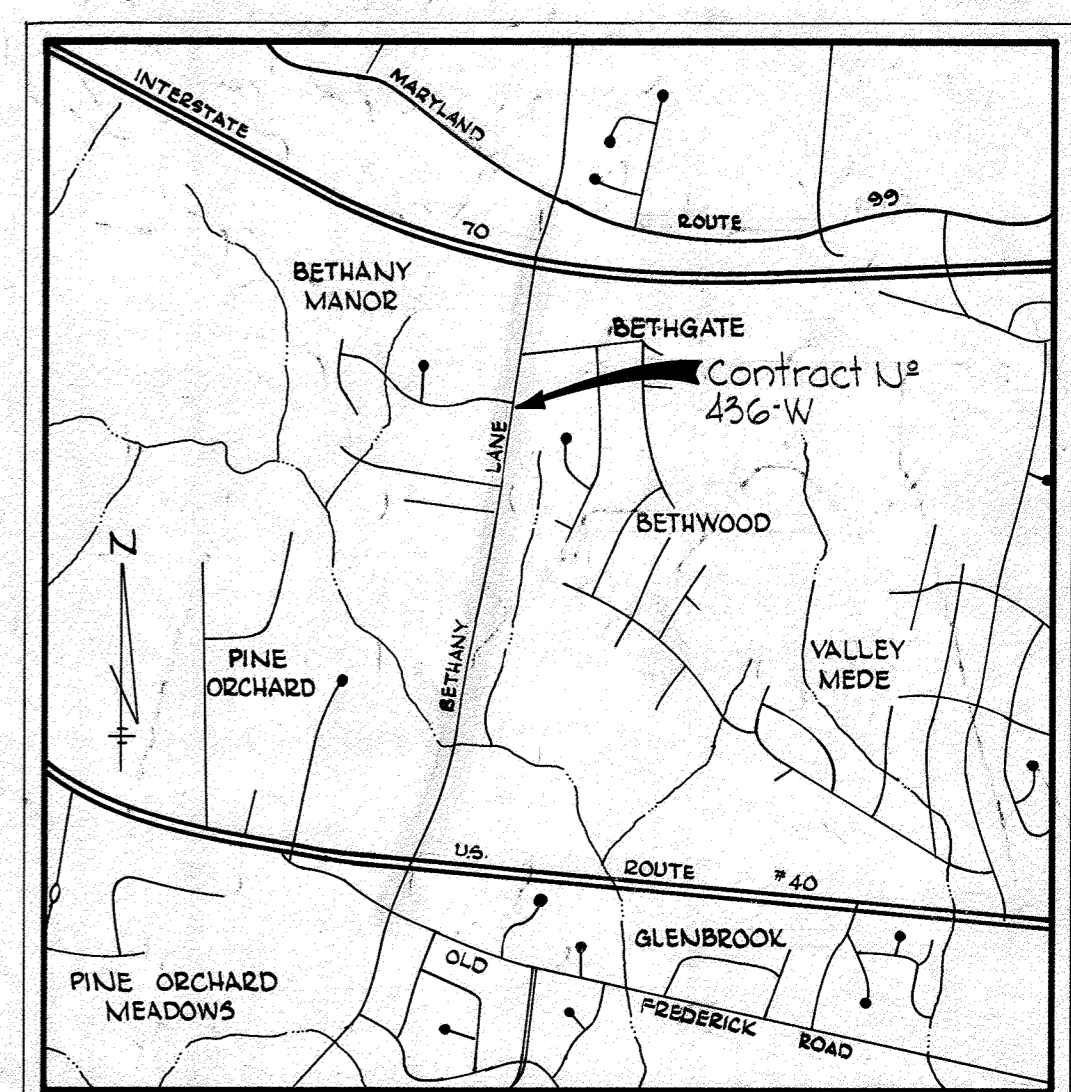
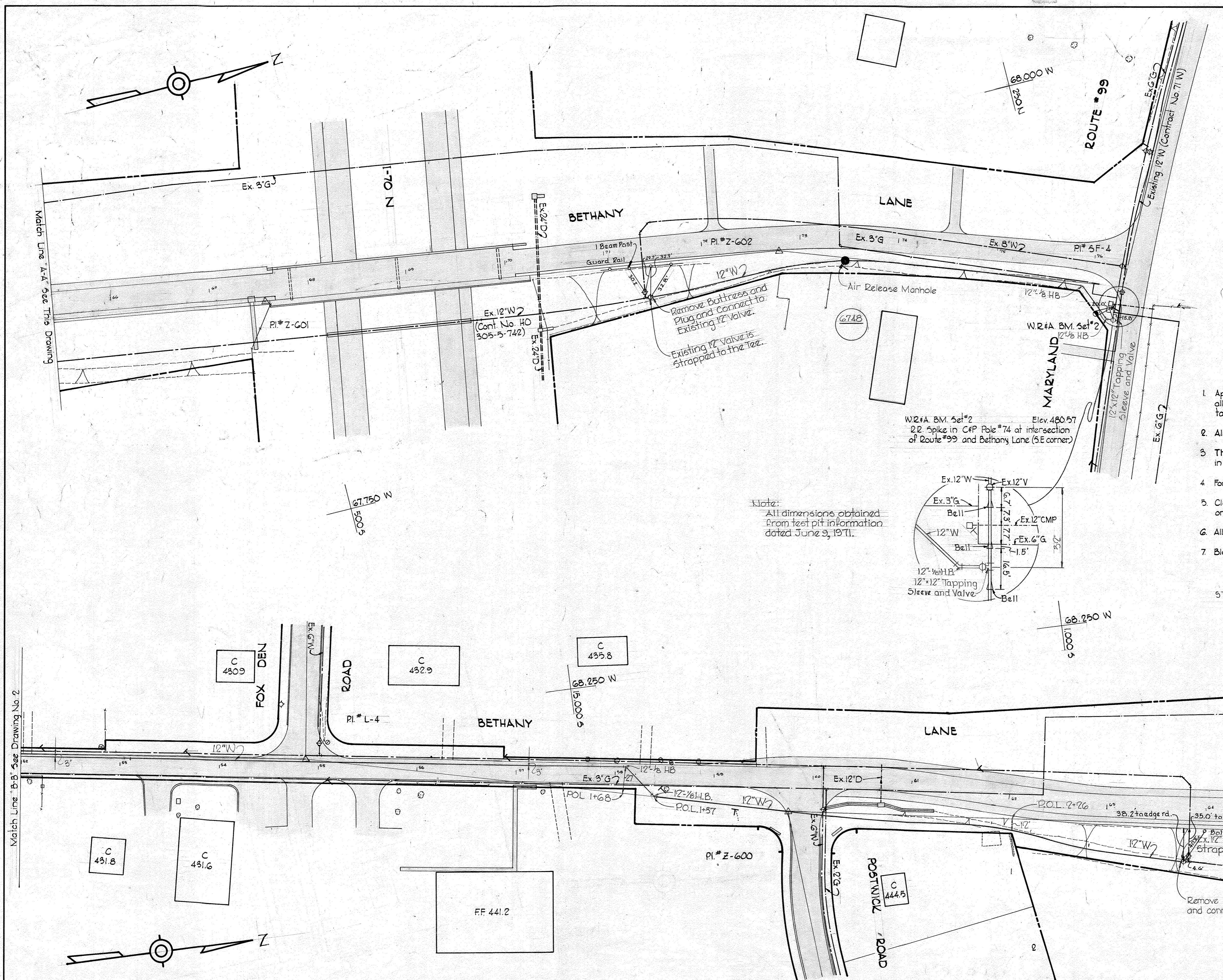


WS 436-W/1

BRUNING 44-510 14778

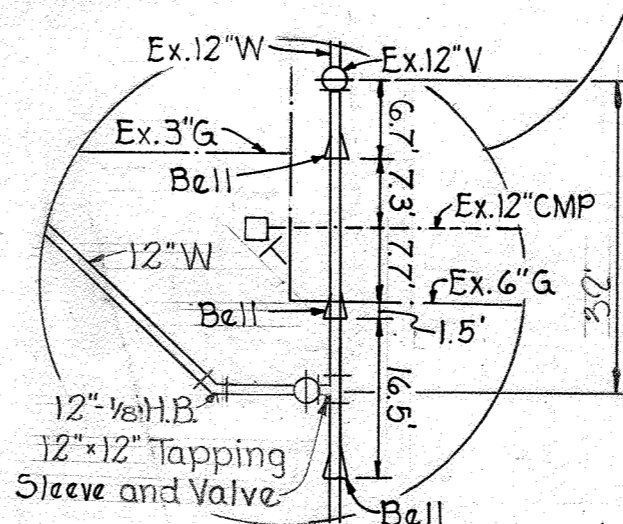


VICINITY MAP
Scale: 1"=2000'

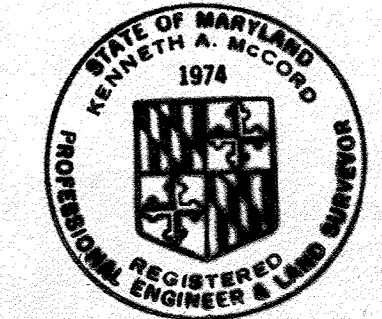
GENERAL NOTES

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. Clear all utilities by a minimum of 6'; clear all poles by 2'-0" minimum or tunnel as required.
6. All water mains to have a minimum of 3' cover unless otherwise noted.
7. Block all fittings with concrete, see standards bound in Specifications.

Note:
All dimensions obtained from test pit information dated June 9, 1971.



STAKEOUT # DIARY FB # 5019



Kenneth A. McCord

Bethany Lane
Contract No. 436-W

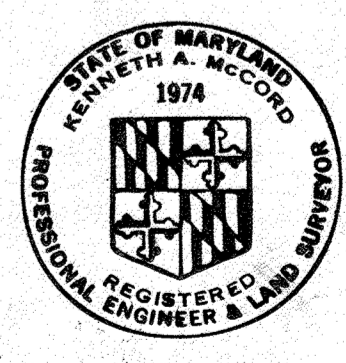
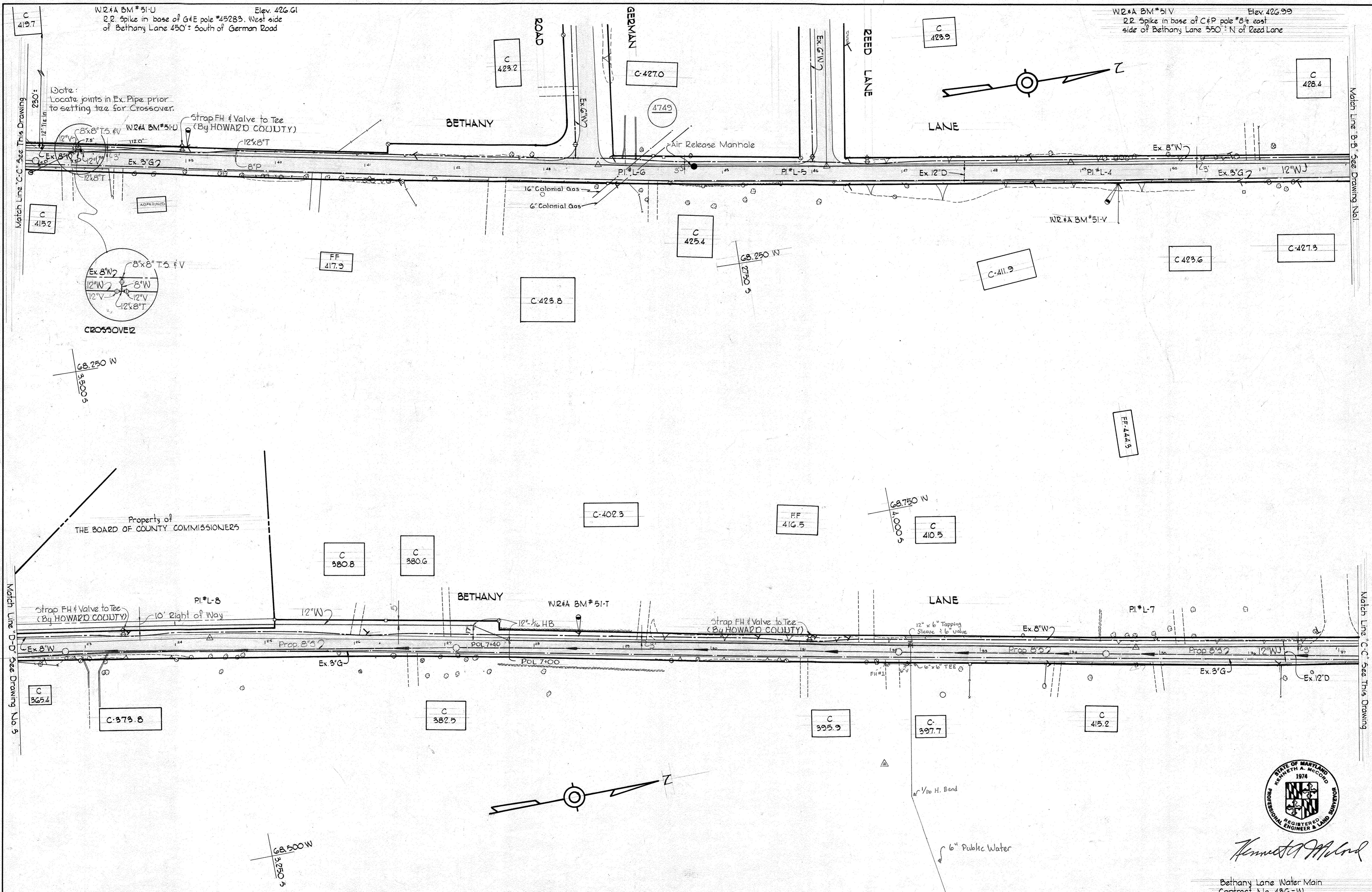
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 6-11-71 W. O. Gilbert CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 436-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 1 OF 5 SCALE 1"=50' 2 SW 46 1 SW 46 1 NW 46
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W. O. 6508

FB # 4960, 4984
AS BUILT 21 OCTOBER 1971

WS 436-W/2

BRUNING 44-510 14778



Kenneth A. McCord
 Bethany Lane Water Main
 Contract No. 436-W

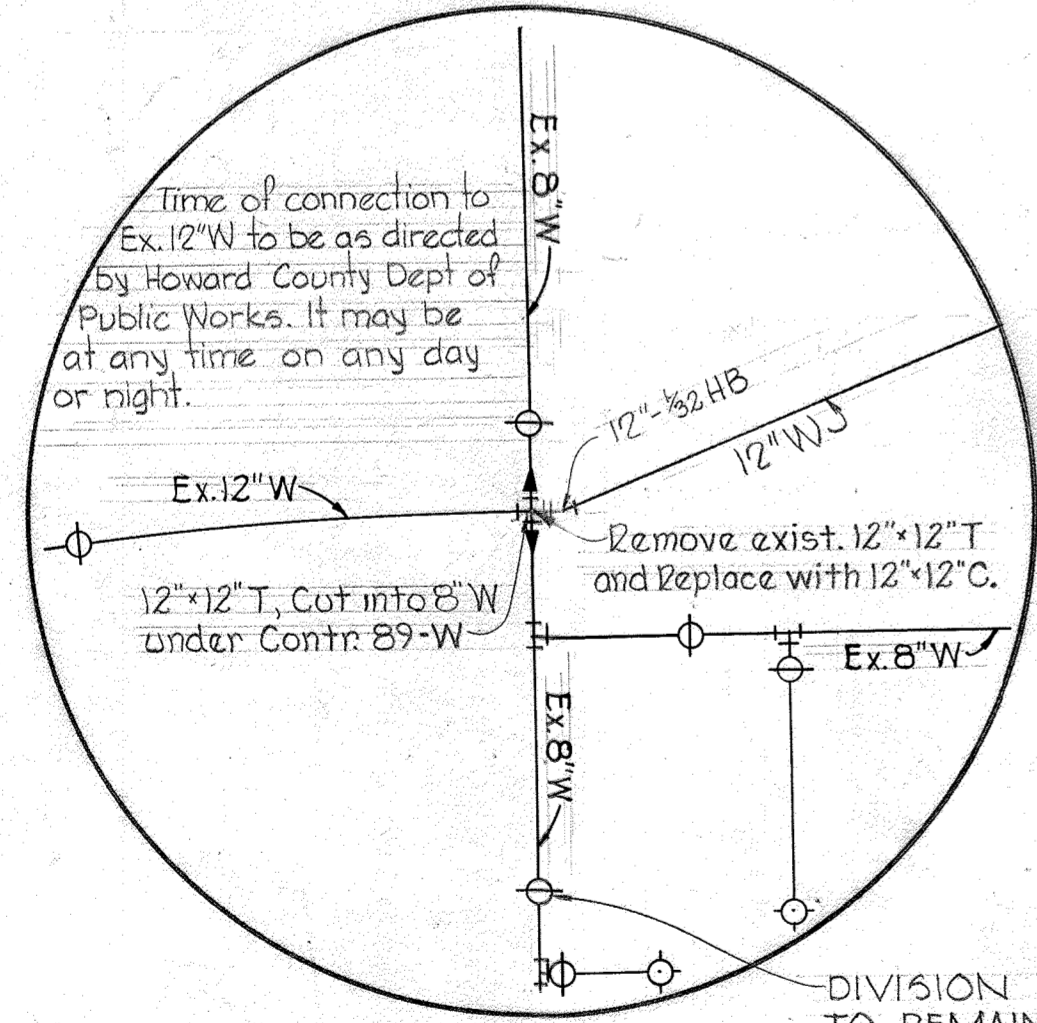
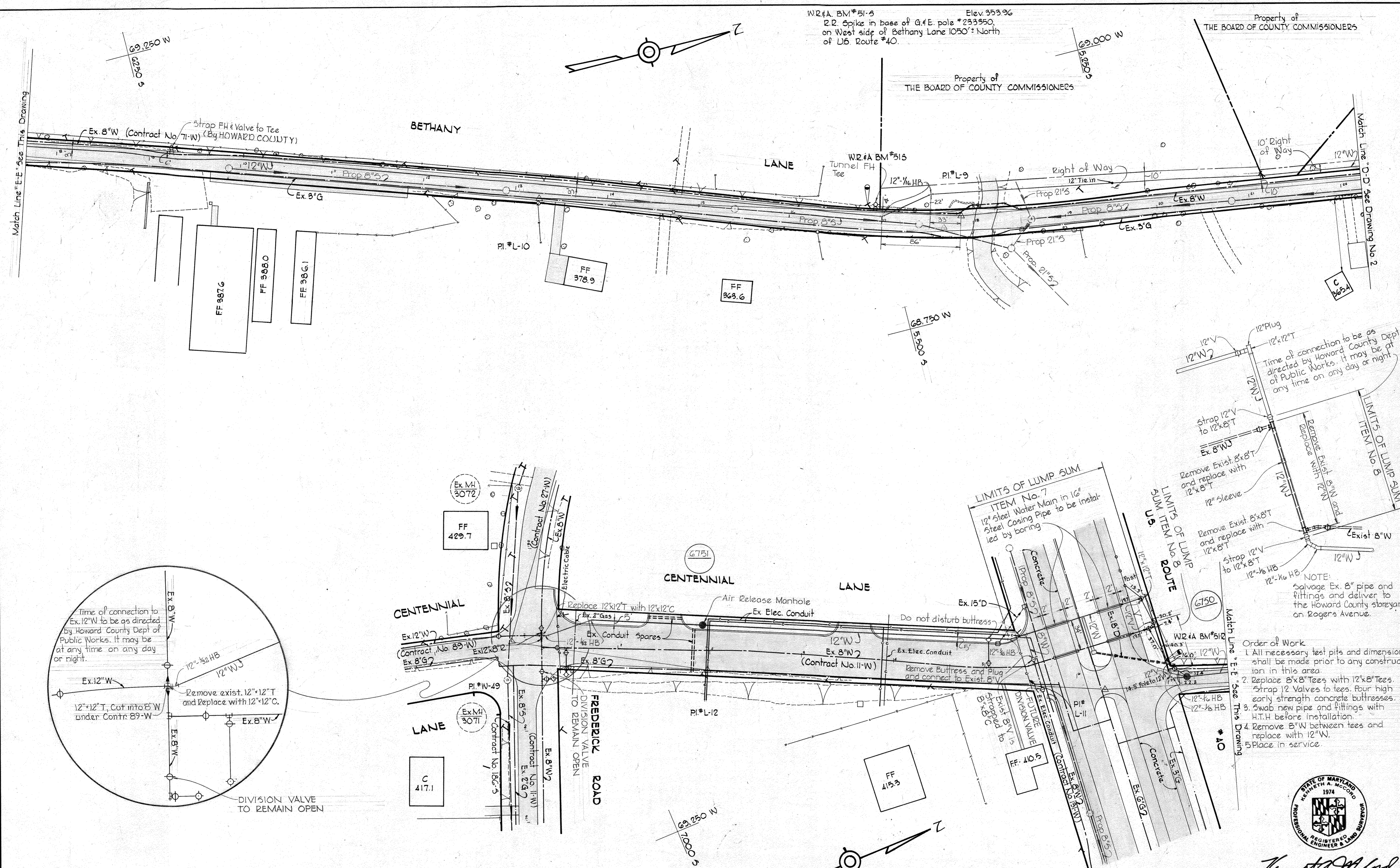
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 6-11-71 <i>W. O. Gilbert</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 436-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 2 OF 5 SCALE 1"=50' FB#4960.4984 21 OCTOBER 1971 AS-BUILT Δ AS-BUILT 7/11/74 WRA
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W. O. 6508-2

W2#A BM#51-5 Elev. 353.96
 2" R. Spike in base of G.E. pole #233350
 on West side of Bethany Lane 1050'± North
 of US Route #40.

Property of
 THE BOARD OF COUNTY COMMISSIONERS

Property of
 THE BOARD OF COUNTY COMMISSIONERS



LIMITS OF LUMP SUM
 ITEM No. 7
 12" steel Water Main in 16"
 steel Casing Pipe to be instal-
 led by boring

LIMITS OF LUMP SUM
 ITEM No. 8
 12" Plug
 12" x 12" T
 Time of connection to be as
 directed by Howard County Dept.
 of Public Works. It may be at
 any time on any day or night.

Remove Exist. 8" x 8" T
 and replace with
 12" sleeve

Remove Exist. 8" x 8" T
 and replace with
 12" x 8" T

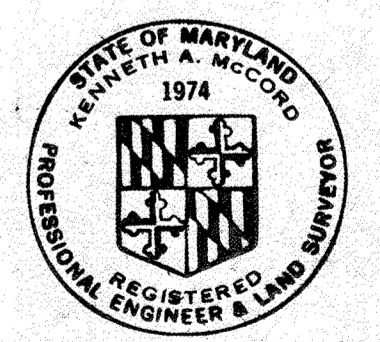
Strap 12" V
 to 12" x 8" T

12" x 1/2 HB

12" x 1/2 HB

NOTE:
 Salvage Ex. 8" pipe and
 fittings and deliver to
 the Howard County store yard
 on Rogers Avenue.

- Order of Work
1. All necessary test pits and dimensions shall be made prior to any construction in this area.
 2. Replace 8" x 8" Tees with 12" x 8" Tees.
 3. Strap 12" Valves to tees. Pour high early strength concrete buttresses.
 4. Swab new pipe and fittings with H.T.H before installation.
 5. Place in service.



Kenneth A. McCord

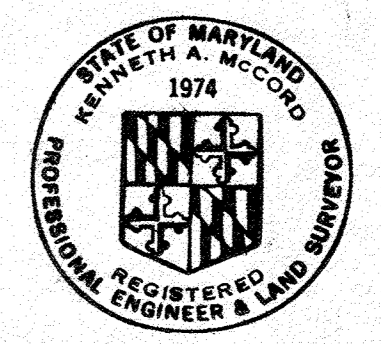
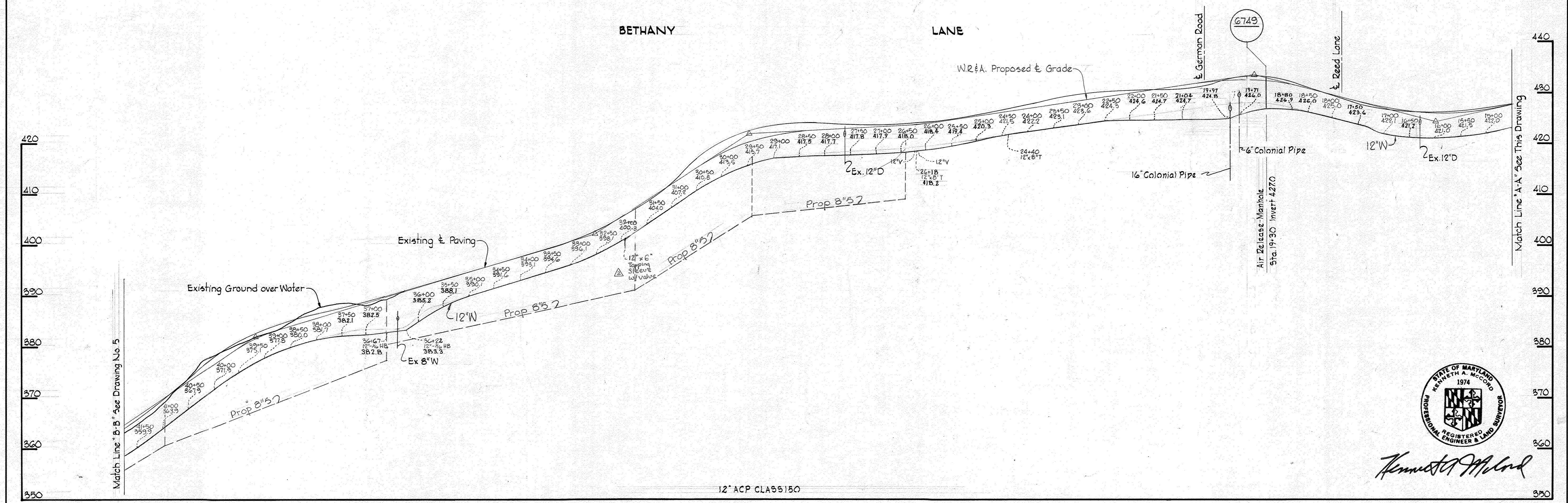
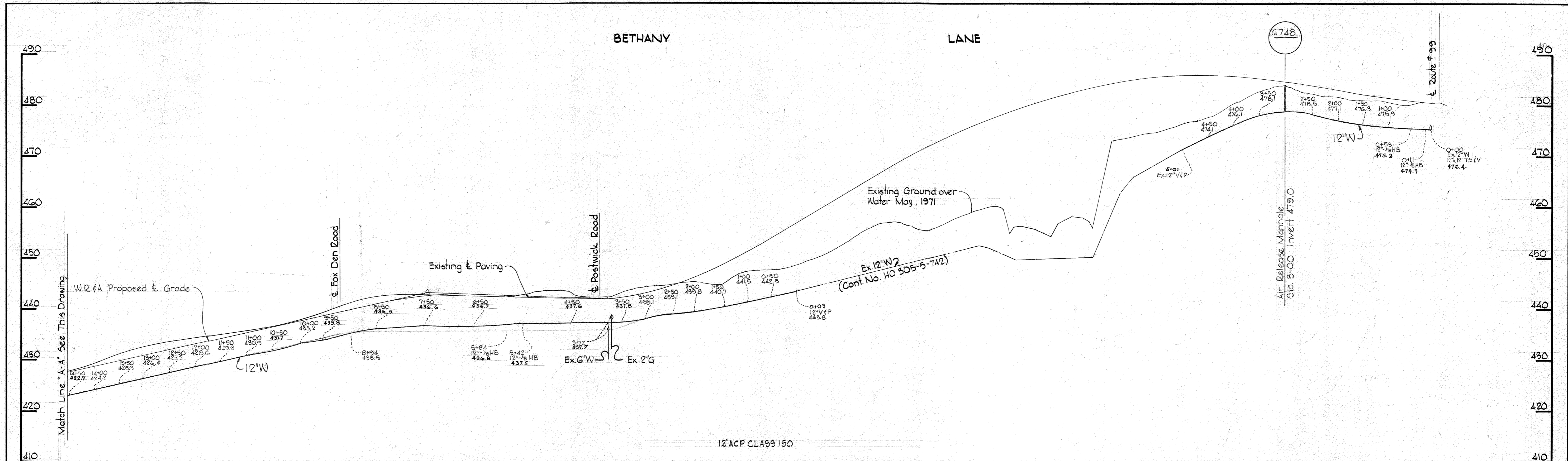
Bethany Lane Water Main
 Contract No. 436-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 6-11-71 CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 436-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 3 OF 5 SCALE 1" = 50' FB#3827 21 OCTOBER 1971
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WS 436-W/3

BRUNING 44-510 14778

W.O. 6508



Kenneth A. McCord

Bethany Lane Water Main
Contract No. 436-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 6-11-71 <i>W. O. G. 508-2</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 436-W	PROFILES OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 4 OF 5 SCALE: H: 1"=100' V: 1"=10'
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W. O. G. 508-2

AS BUILT 21 OCTOBER 1971

WS 436-W/4

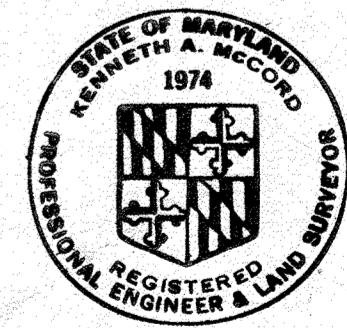
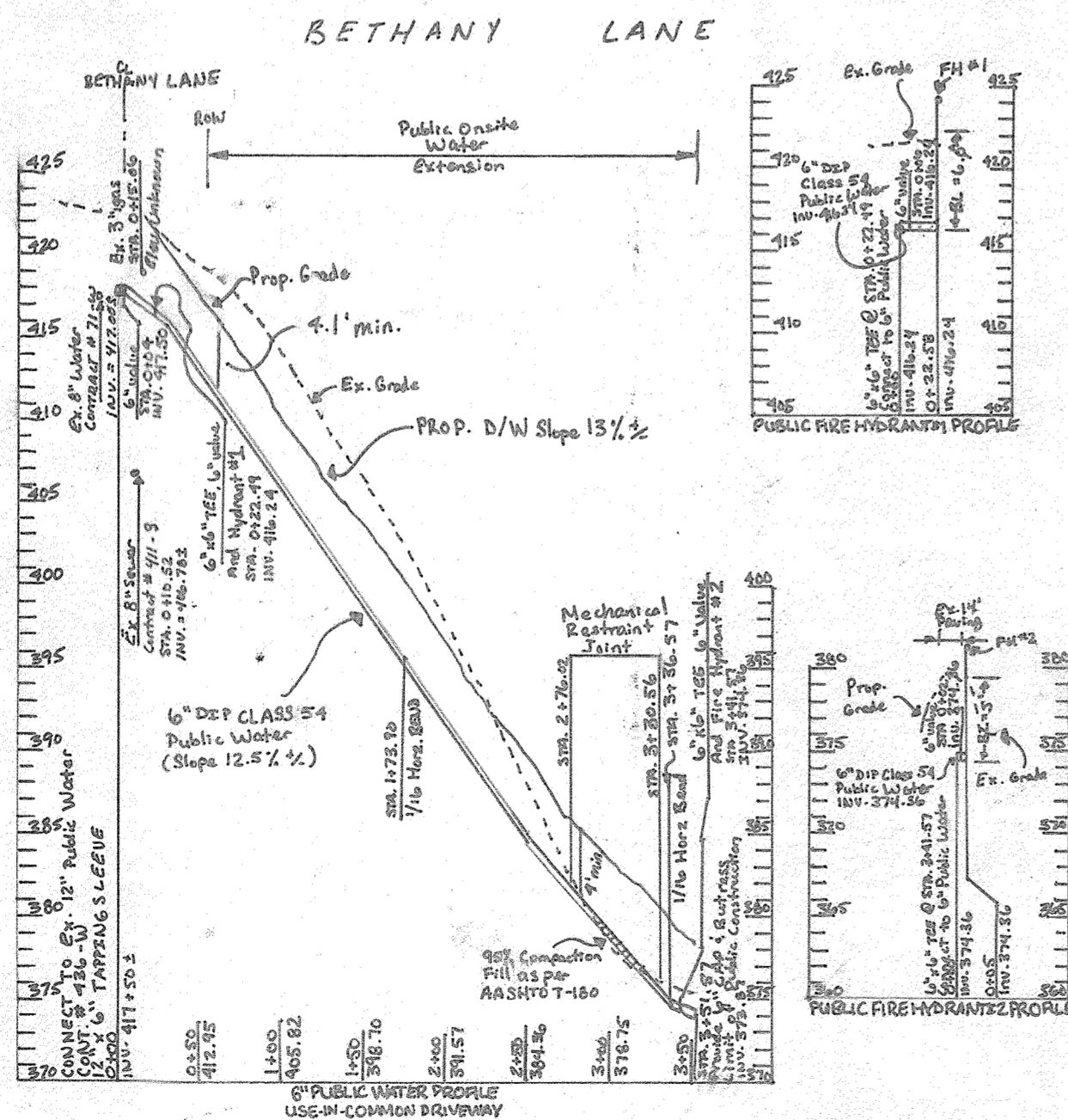
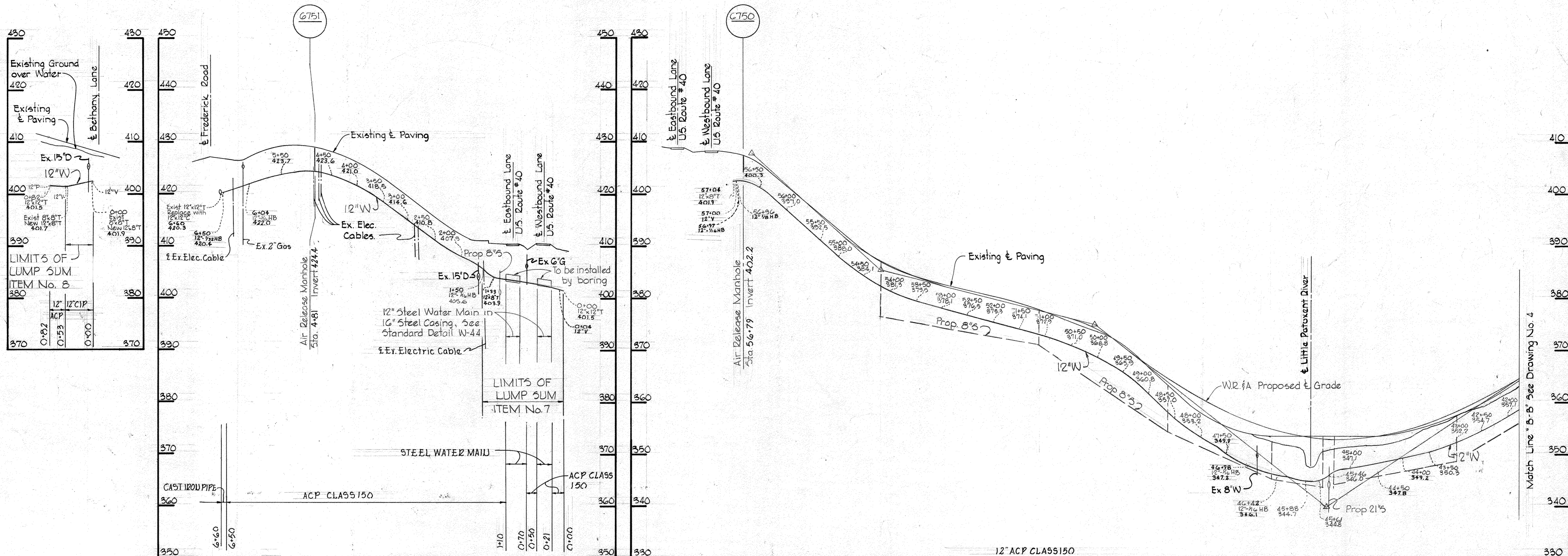
BRUNING 44-510 14778

U.S. ROUTE #40

CENTENNIAL LANE

BETHANY LANE

LANE



Hennrich M. Lord

Bethany Lane Water Main
Contract No. 436-W

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
6-11-71
DATE

CONTRACT NO. 436-W

PROFILES OF
WATER MAINS

ELECTION DISTRICT ELLICOTT CITY NO. 2

DRAWING
NO. 5
OF 5

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

W. O. 6508-2

AS BUILT 21 OCTOBER 1971
AS BUILT 7/1/74 WRA

WS 436-W/5

BRUNING 44-510 14778