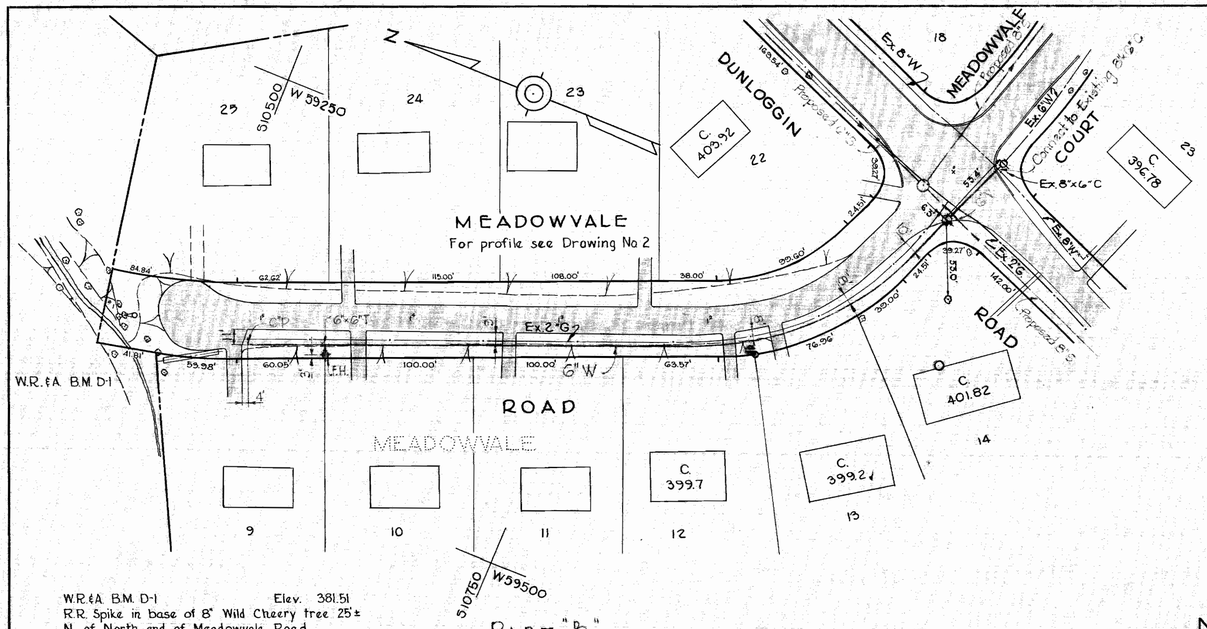
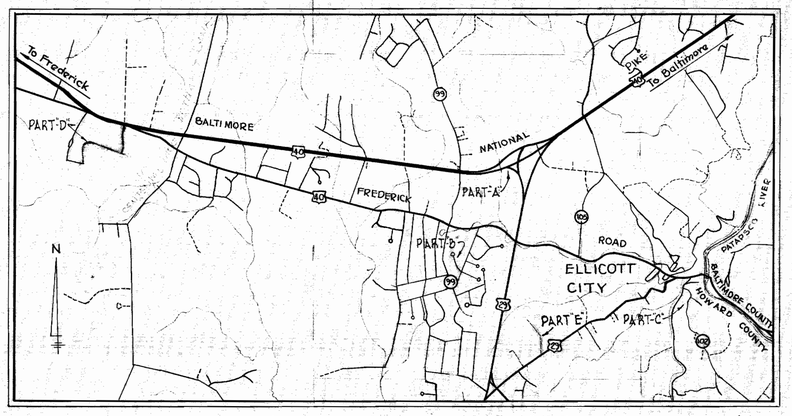


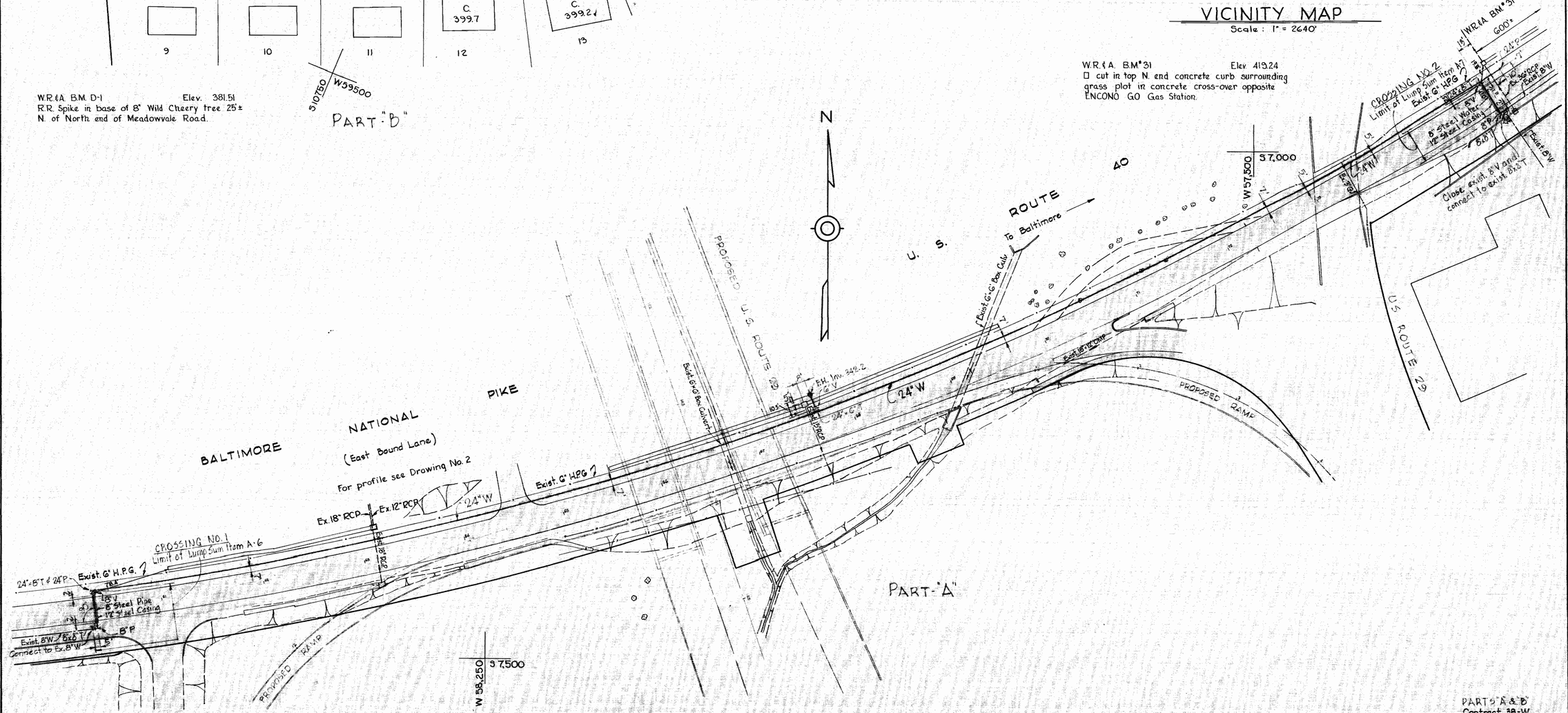
W.R.&A. B.M. D-1 Elev. 381.51
R.R. Spike in base of 8" Wild Cherry tree 25± N. of North end of Meadowvale Road.



VICINITY MAP

Scale : 1" = 2640'

W.R.&A. B.M.#31 Elev. 419.24
□ cut in top N. end concrete curb surrounding grass plot in concrete cross-over opposite ENCONO GO Gas Station.



PARTS "A & B"
Contract 38-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Jan. 3, 1964 DATE — Carl L. Mezger CHIEF ENGINEER	CONTRACT NO. 38-W	PLAN OF WATER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 1 OF 8	SCALE 1"=50'

W. O. 5518-2

AS BUILT : 10 JAN. 66

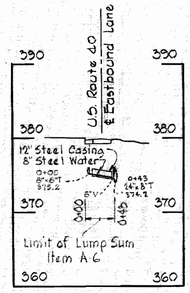
7,8 SW 39
8 SW 40

F.B. 2616, 2551

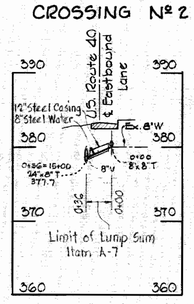
K. ELLIOTT CO., PITTSBURGH REORDER A-39070

WS 38 W/1

CROSSING Nº1

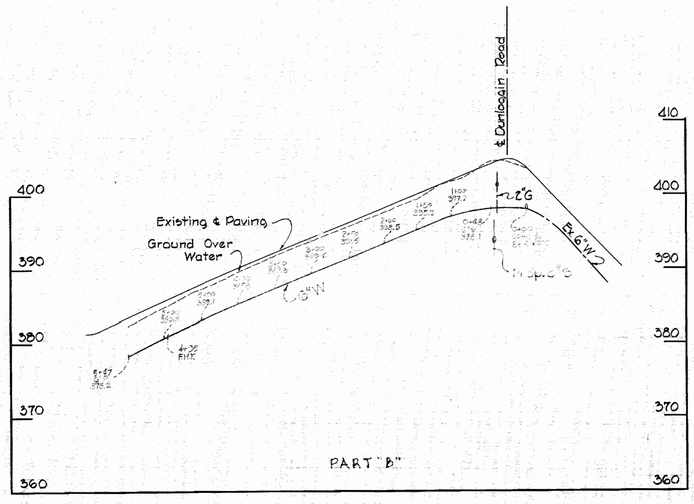


CROSSING Nº2



MEADOWVALE ROAD

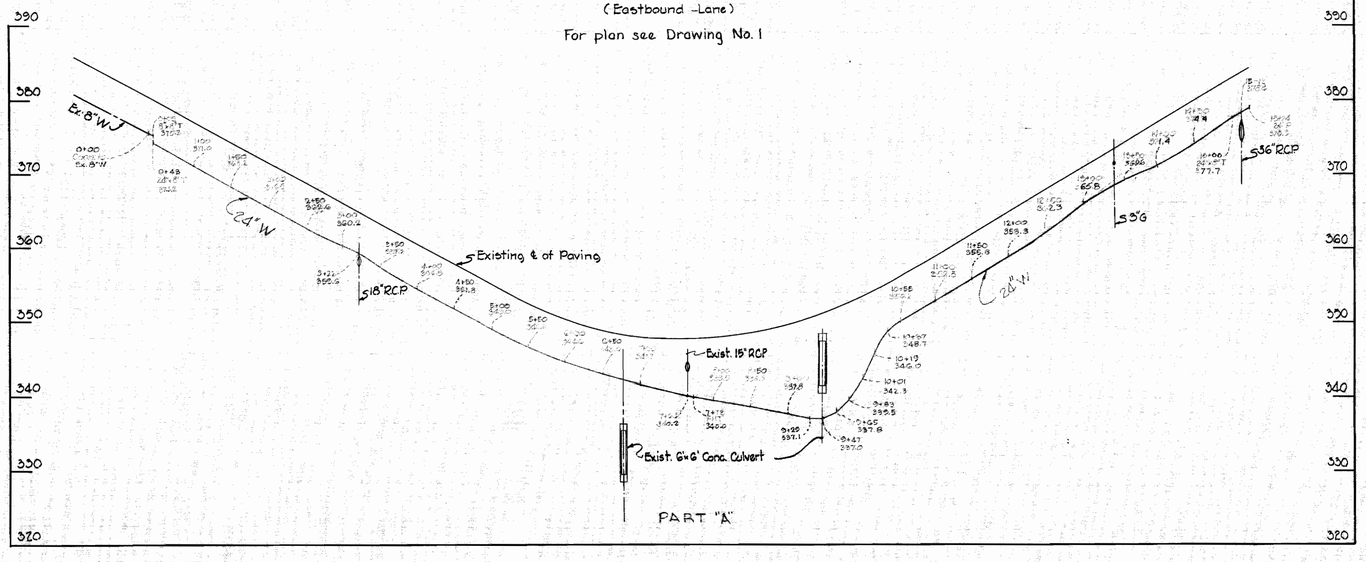
For plan see Drawing No. 1



U.S. ROUTE 40

(Eastbound - Lane)

For plan see Drawing No. 1



PARTS A & B
Contract No. 38-W

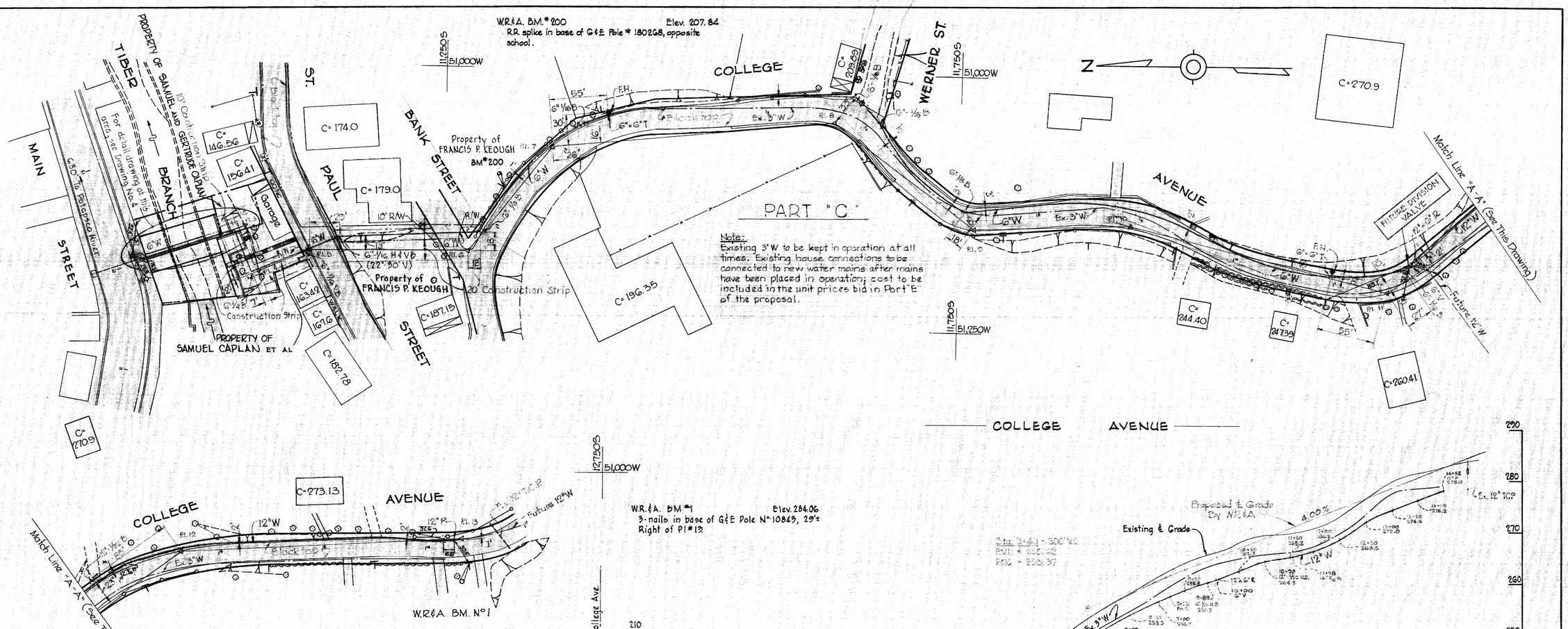
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION July 16, 1964 (DATE) W.O. Corbett (CHIEF ENGINEER)	CONTRACT NO. 38-W	PROFILES OF WATER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 2 OF 8	SCALE H:1"=100' V:1"=10'

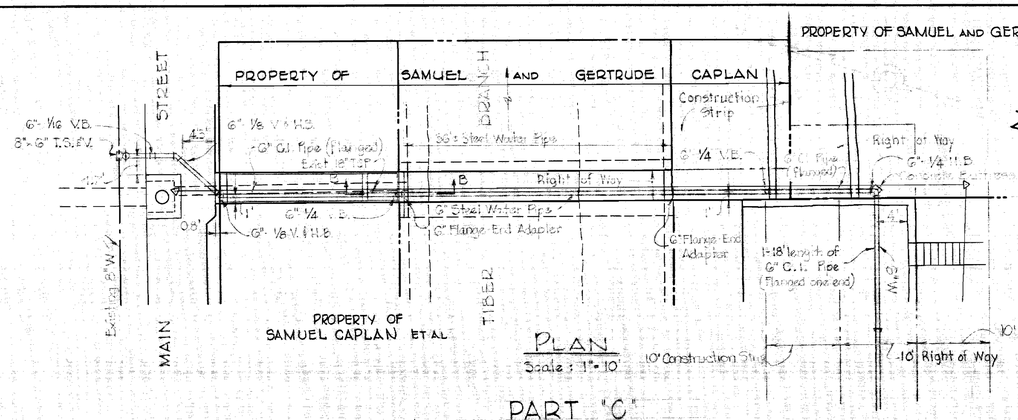
W. O. 5818-2

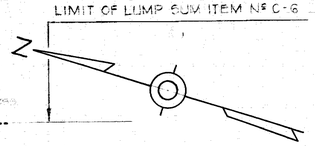
AS BUILT 10 JAN 66

WS 38W/2

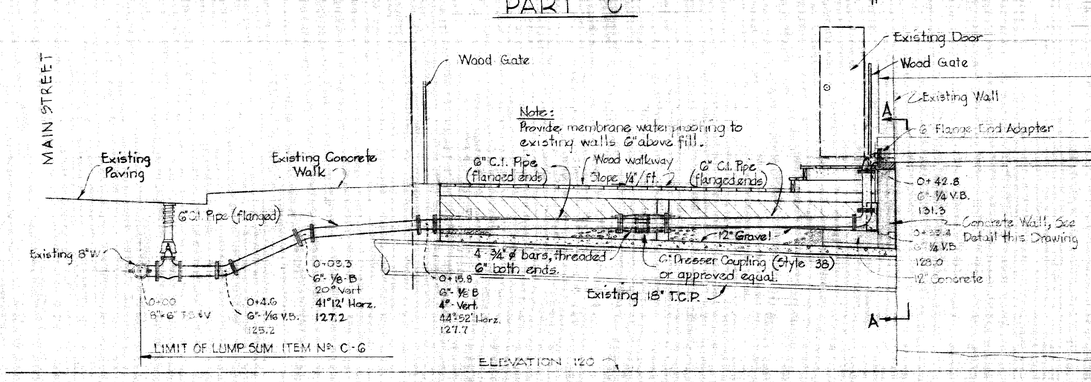
J. K. ELLIOTT CO., PITTSBURGH REORDER A-29070


W.R.&A. BM.#200
Elev. 207.84
R.R. spike in base of G&E Pole # 180268, opposite school.
PROPERTY OF SAMUEL AND GERTRUDE CAPLAN
10' Construction Strip
For detail drawing of this area, see Drawing No. 4
MAIN STREET
TIBER BRANCH
PAUL ST.
BANK STREET
WERNER ST.
COLLEGE AVENUE
C= 174.0
C= 179.0
C= 146.56
C= 150.41
C= 163.42
C= 167.6
C= 187.15
C= 182.78
C= 270.9
C= 196.35
C= 289.55
C= 270.9
C= 244.40
C= 247.39
C= 260.41
Property of FRANCIS P. KEOUGH
BM#200
PROPERTY OF SAMUEL CAPLAN ET AL
20' Construction Strip
Garage
Frame
Brick
Pl. 5
Pl. 7
Pl. 8
Pl. 9
Pl. 10
Pl. 11
Pl. 12
Pl. 13
Ex. 3"W
Ex. 8"W
Ex. 12" TCP
Future 12"W
Future DIVISION VALVE
Match Line "A-A" (See This Drawing)
Match Line "A-A" (See This Drawing)
11,250S
11,750S
51,000W
51,250W
PART "C"
Note:
Existing 3"W to be kept in operation at all times. Existing house connections to be connected to new water mains after mains have been placed in operation; cost to be included in the unit prices bid in Part "E" of the proposal.
W.R.&A. BM.#1
Elev. 284.06
3-nails in base of G&E Pole N° 10845, 29'± Right of Pl#12
W.R.&A. BM. N°1
C=273.13
C=277.81
College Ave.
St. Paul St.
Existing Ground Over Water April, 1961
Provide Concrete Anchors and Trench Erosion Checks in this area. Cost to be included in unit price bid for furnishing and laying Water Mains.
Sta. 3+15 - 25.0 V.C.
P.V.I. = 215.70
P.O.C. = 213.04
Sta. 5+80 - 28.0 V.C.
P.V.I. = 275.66
P.O.C. = 272.87
Proposed & Grade By W.R.&A.
Existing & Grade
4.00%
10.00%
4.8%
6.4%
Ex. 12" TCP
Ex. 3"W
6"W
12"W
PLAN
Scale: 1" = 50'
PROFILE
Scale: H: 1"=100'
V: 1"= 10'
GENERAL NOTES
1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect the 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. The location of all valves, fittings etc. have been located in plan and dimensions shall be strictly adhered to unless otherwise directed by the Engineer in writing.
5. Bury line elevation on Fire Hydrants shall be set the same as edge of paving or as directed by the Engineer in the field.
6. For all standard details see Standards bound in Specifications.
7. Block all fittings with concrete. See Standard Details.
8. Unless otherwise noted, all 6"W to be Class 22 CIP, all 12"W to be Class 23, all 24"W to be Class 24. Water mains to have a minimum of 3½' cover unless otherwise noted.
9. Clear all poles by 2'-0" minimum.
10. 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.
WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND
HOWARD COUNTY METROPOLITAN COMMISSION
Jan. 3, 1964
DATE
Carl W. Mayer
CHIEF ENGINEER
CONTRACT NO. 38-W
PLAN AND PROFILE OF WATER MAINS
ELLICOTT CITY SUB-DISTRICT
DRAWING NO. 3 OF 8
SCALE AS SHOWN
13 SW 3B
17 SW 3B
PB. 2049
PART "C"
College Avenue Water
Contract N° 38-W
W. O. 5104-2
AS BUILT 10 JAN. 66
WS 38W/3
K. ELLIOTT CO., PITTSBURGH REORDER A-38070

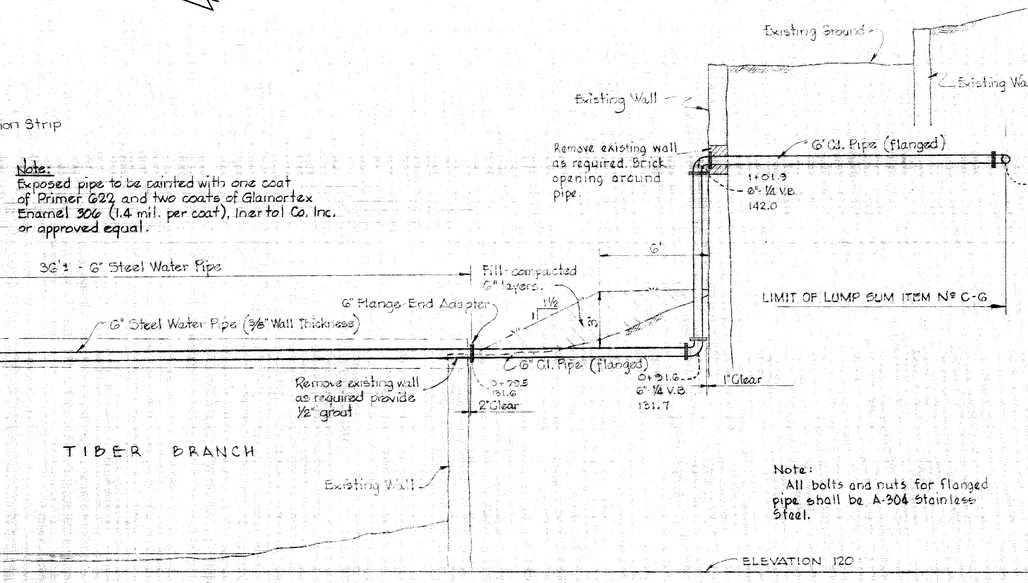




PART "C"

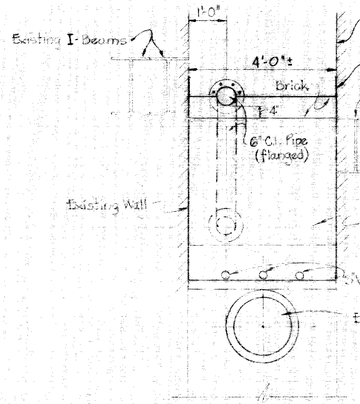


Note: Exposed pipe to be painted with one coat of Primer G22 and two coats of Glamortex Enamel 306 (1.4 mil. per coat), Inertol Co. Inc. or approved equal.

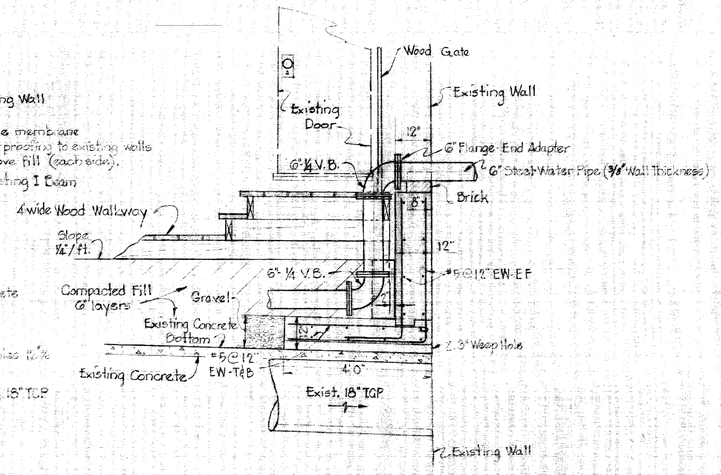


Note: All bolts and nuts for flanged pipe shall be A-304 Stainless Steel.

Note: Existing wood walkway, steps and landing to be removed and replaced as required. Access to property shall be maintained at all times.

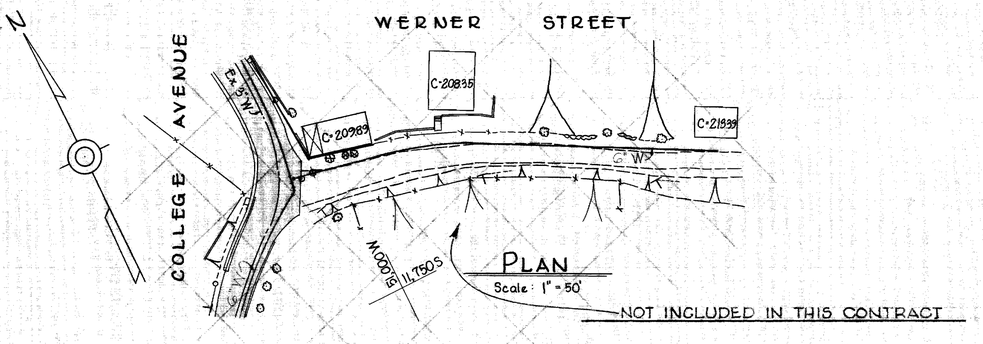


SECTION "A-A"
Scale: ½"=1'-0"

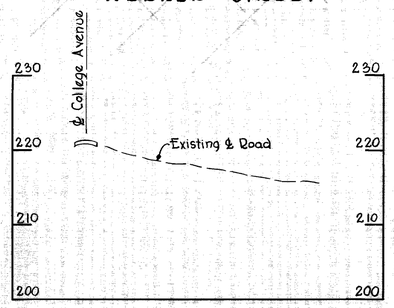


SECTION "B-B"
Scale: ½"=1'-0"

PROFILE
Scale: 1/4"=1'-0"



WERNER STREET



PROFILE
Scale: H: 1" = 100'
V: 1" = 10'

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Jan. 9, 1964 DATE — Carl W. Mayer CHIEF ENGINEER	CONTRACT NO. 38-W	PLAN, PROFILE AND DETAILS OF WATER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 4 OF 8 — SCALE AS SHOWN

PART "C" College Avenue Water Contract Nº 38-W

W. O. 5104-2

AS BUILT 10 JAN. 66

WS 38W/4

K. ELLIOTT CO., PITTSBURGH REORDER A-39070

NOT INCLUDED IN THIS CONTRACT

BALTIMORE — U. S. NATIONAL ROUTE 40 — PIKE

(East Bound Lane)

See this Drawing

Match Line

6000 S 72.250 W

Concrete

To Baltimore

Macadam

Ex. 8"W

BM #31-Q-2

Weighing Station

Parking Lot

Gas Station & House C 446.52

W.R.&A.B.M. #31-Q-2 Elev. 450.38
RR spike in base of C.&P. pole #337, S. side Route 40, 2000'± W. of int. of Frederick Rd. & Bethany Lane at W. property line Brosenne's Store and Atlantic Station.

6,500 S 71.250 W

See Drawing No. 6

C 438.02 · C 441.2 · C 447.20 · C 449.91 · C 453.08 · C 455.85 · C 461.23 · C 463.62 · C 470.04 · C 474.42 · C 475.70

73,000 W 6000 S

COVENTRY COURT

Match Line "A-A"

Exist. 2"G

Tunnel Tree as required

12" CMP

24" RCP

8"W

8"P

Exist. 2"G

F.H.

C 451.45 · C 459.9 · C 464.0 · C 465.3 · C 459.0 · C 459.9 · C 463.3 · C 470.9 · C 471.2 · C 475.22 · F.F. 480.50

72,750 W 7000 S

For profile see Drawing No. 8

BALTIMORE Exist. 6"G NATIONAL ROUTE U.S. 40 PIKE

PINE ORCHARD MEADOW
Section 3

PART "D"

PART "D"
Contract No. 38 W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Jan 3, 1964 DATE Carl W. Meyer CHIEF ENGINEER	CONTRACT NO. 38-W	PLAN OF WATER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 5 OF 8	SCALE 1"=50'

G.T.& S. 56/43
T.B.M. 45

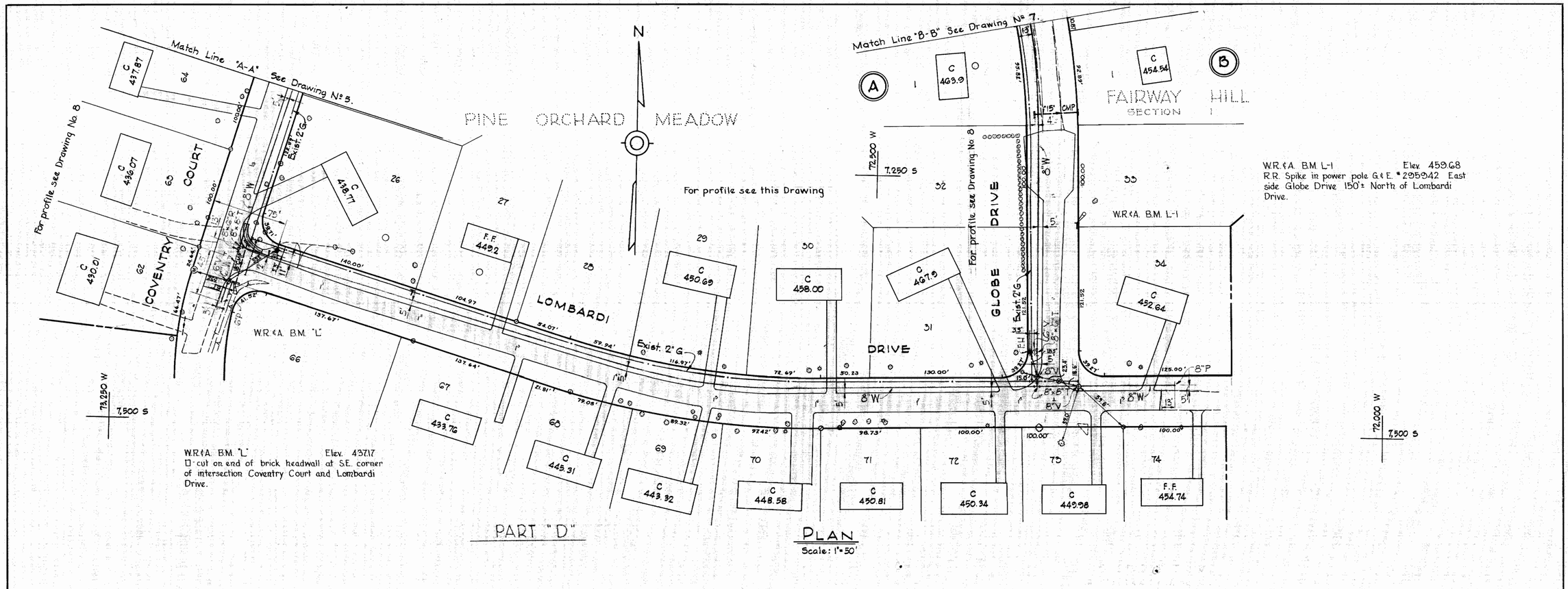
PB 2177, 2551, 2560

W. O. 5318-2

AS BUILT 10 JAN 66

WS 38W/5

K. ELLIOTT CO., PITTSBURGH REORDER A-39070



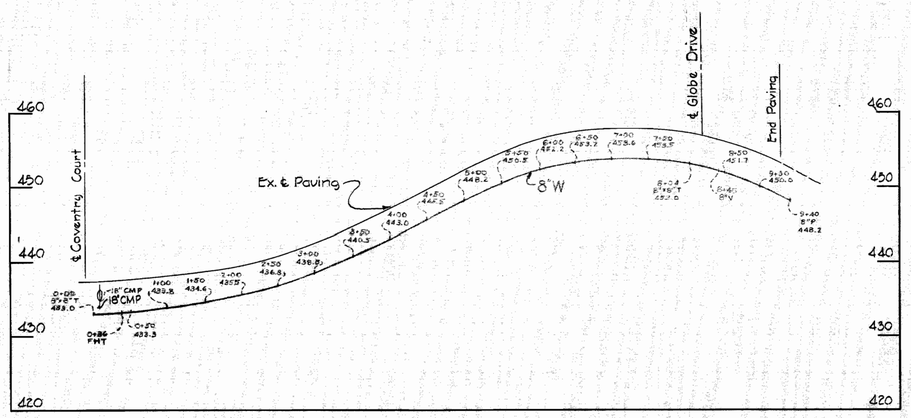
W.R.&A. B.M. "L" Elev. 437.17
□ cut on end of brick headwall at S.E. corner of intersection Coventry Court and Lombardi Drive.

W.R.&A. B.M. L-1 Elev. 459.68
R.R. Spike in power pole G.&E. #295942 East side Globe Drive 150'± North of Lombardi Drive.

PART "D"

PLAN
Scale: 1"=50'

LOMBARDI DRIVE
For plan see this Drawing



PROFILES
Scale: H: 1"=100'
V: 1"=10'

PART "D"
Contract No. 38W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Jan. 3, 1964 DATE Carl W. Mayer CHIEF ENGINEER	CONTRACT NO. 38-W	PLAN & PROFILE OF WATER MAIN	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 6 OF 8	SCALE AS SHOWN

W.O. 5318-2

AS BUILT 10 JAN 66

F.B. 2960

WS 38W/6

K. ELLIOTT CO., PITTSBURGH REORDER A-38070

N

To Baltimore
US ROUTE 40

W.R.&A. B.M. "51-Q-2 Elev. 450.38
R.R. spike in base of C&P pole "557 S side U.S. Route 40, 2,000 feet ± W of intersection of Frederick Road and Bethany Lane at W. property line of Brosenne's Store and Atlantic Station.

B.M. "51-Q-2

Connect to Existing 8"W

Exist. 8"W

Gas Station and House Cellar 446.52

Property of
The Debra Corporation

20' Construction Strip

10' Right of Way

FAIRWAY HILL

GLOBE

DRIVE

For Profile see Drawing No. 8

S 6,500
W 12,500

S 6,500
W 11,500

S 7,000
W 11,500

FH 75.56'

8"½ B GV

8"x6"T

8"W

Future 15" RCP

Future Paving

Future 42" RCP

6"V

6"P

6"W

8"x8"T

8"x6"R

250'R

Reserved Parcel

Match Line "B-B" See Drawing No. 6

PART "D"
Contract No. 38-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Sept. 14, 1964 (DATE) W O Tibbets (CHIEF ENGINEER)	CONTRACT NO. 38-W	PLAN OF WATER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 7 OF 8	SCALE 1"=50' 7C8 SW 48 7C8 SW 49

W.O. 5318-2

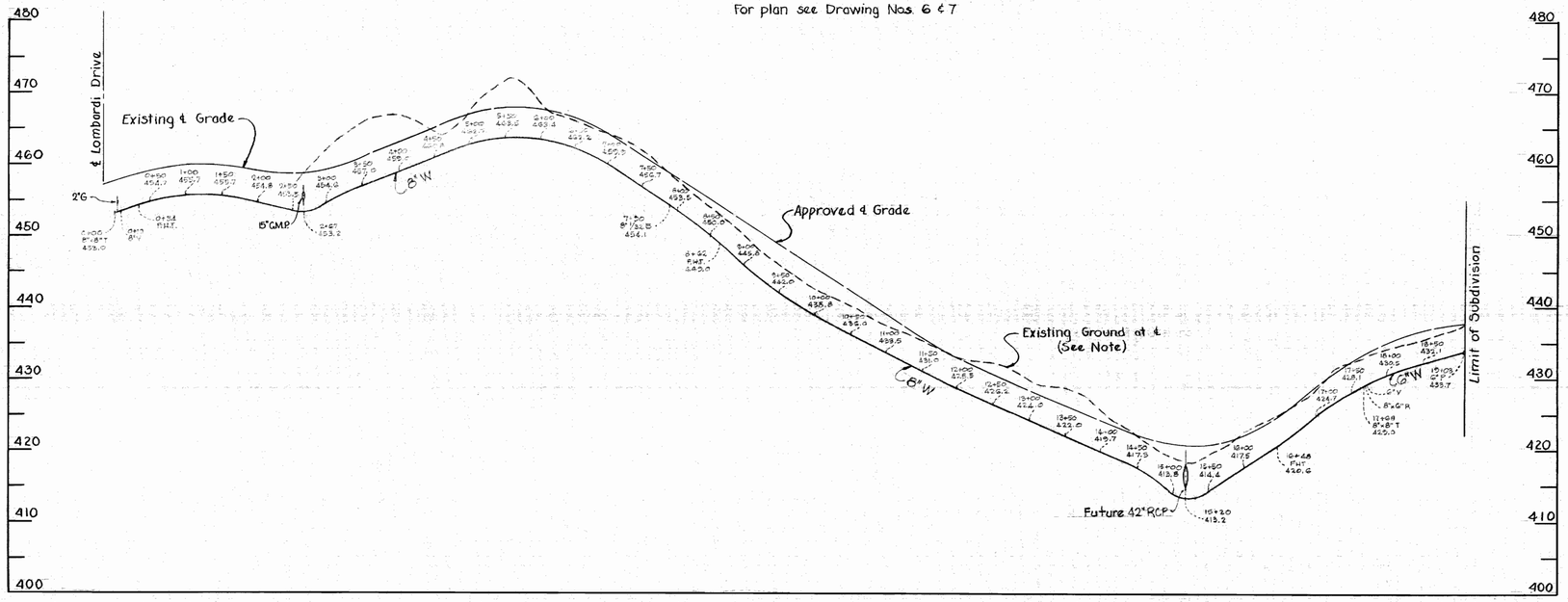
AS BUILT 10 JAN. 66

WS 38-W/7

K. ELLIOTT CO., PGH., PA. REORDER A-26874

GLOBE DRIVE

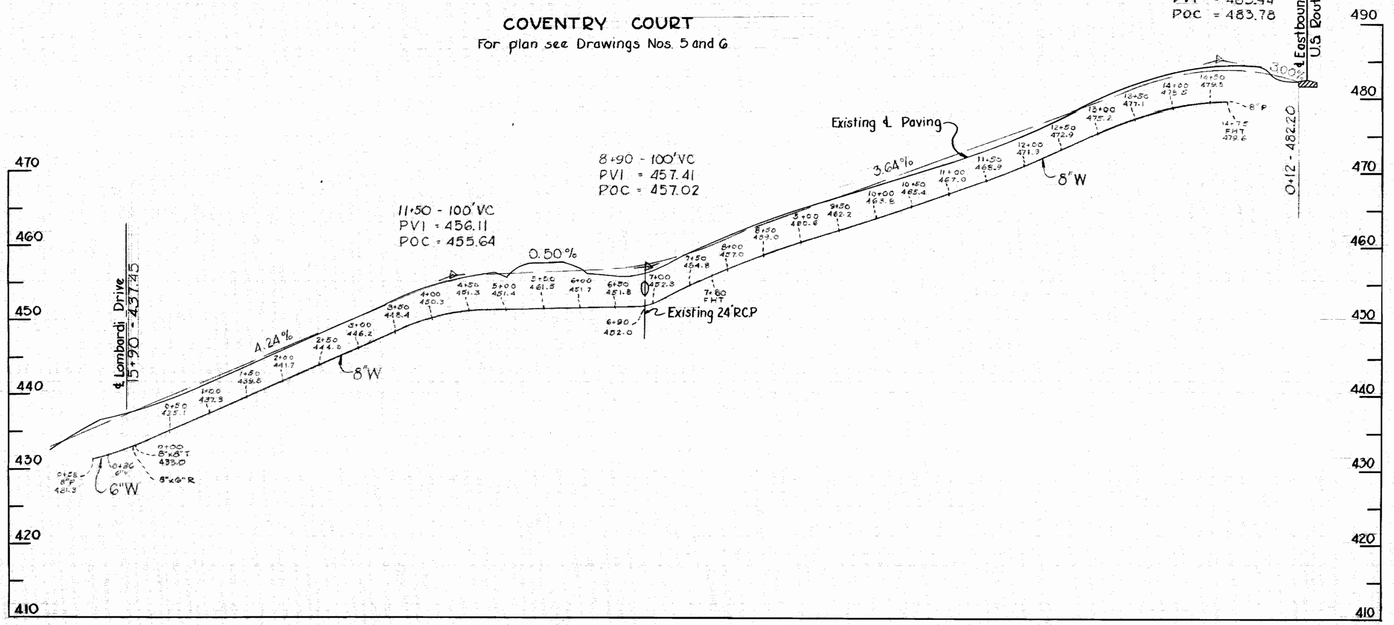
For plan see Drawing Nos. 6 & 7



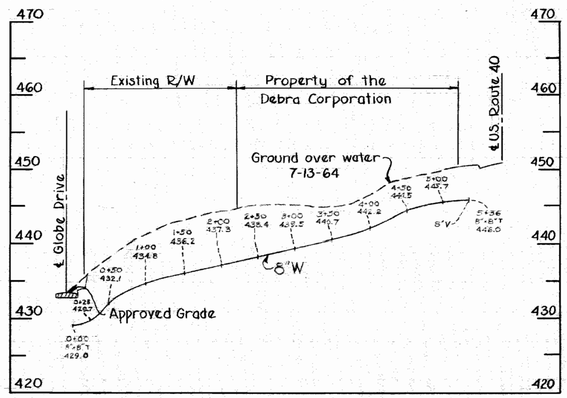
Note:
Existing ground at ℄ shown on Globe Drive is as shown on Street Grade Plans of Fairway Hill, sheet No. 1 by Plumdum & Jeschke, Engineers. Existing ground over water will be shown prior to award of the contract.

COVENTRY COURT

For plan see Drawings Nos. 5 and 6



For plan see Drawing No. 7



PART "D"
Contract No. 38-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Sept. 14, 1964 (DATE) W O Filbert (CHIEF ENGINEER)	CONTRACT NO. 38-W	PROFILES OF WATER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 8 OF 8	SCALE H: 1"=100' V: 1"=10'

W. O. 5318-2

AS BUILT 10 JAN. 66

WS 38W/8

I. K. ELLIOTT CO., PGH., PA. REORDER A-25874

W.R. & A. B.M. "Cook's" Elev. 402.21
R.R. Spike in base of pole (no number) 22'± N.W. of P.I. "C-3 East side of Cook's Lane.

B.M. "Cook's"

COOK'S

LANE

N

S 13,250
W 56,250

S 13,750
W 56,000

S 13,500
W 56,500

S 12,750
W 57,000

Barn

Gas Pump

P.I. "C-4

Exist 12" T.C.P.

6"P

22'

CG"W

P.I. "C-2

6"G"T.

F.H.

8"T

13'

Greenhouse

Greenhouse

Greenhouse
F.F. 389.04

House
F.F. 394

House
F.F. 406.25
408.93

House
F.F. 409.5

House
F.F. 410.30

House
F.F. 403.8

House
F.F. 401.35

3"T

Black top

6"G"T.S. & V.

Exist 14" C.M.P.

P.I. C-1

50'

House
C. 372.85

House
C. 386.83

ALTERNATE ROUTE 29

Connect to Exist. 8"W.

PLAN
Scale: 1" = 50'

COOK'S LANE

10+20 - 300' V.C.
PVI = 382.47
POG = 386.23

4+70 - 300' V.C.
PVI = 407.00
POG = 404.13

2+20 - 200' V.C.
PVI = 393.00
POG = 397.55

0+80 - 40' V.C.
PVI = 381.30
POG = 382.20

Proposed ℄ Grade By W.R.&A.

Existing ℄ Grade

Exist 12" T.C.P.

12"@ 2.5% - 393.67

5.56%

4.46%

3.20%

3.20%

2.00%

11+10 C.P.

6"W

Possible Future 24" S.D.

4+80 PNT

6"W

0+00 B.& O. T&H

O+10 - G.B. - 382.32 ℄ Alternate Route 29

410
400
390
380
370
360

PROFILE
Scale: H: 1" = 100'
V: 1" = 10'

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION July 31, 1964 (DATE) W O Filbert (CHIEF ENGINEER)	CONTRACT NO. 38-W	PLAN & PROFILE OF WATER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 8A OF 8	SCALE AS SHOWN 13, 14 SW 4B

Part-E
Contract No. 38-W

W.O. 5318-2

AS BUILT 10 JAN. 66

F.B. 320 6

WS 38 W/8A

E. K. ELLIOTT CO., PGH., PA. REORDER A-26874