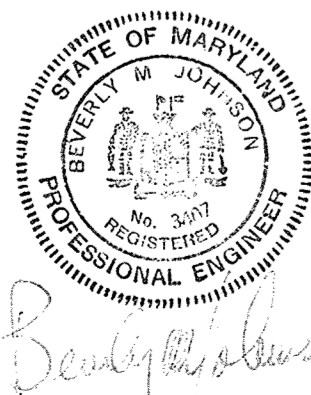


**CONTRACT NO 419-S**  
**SANITARY SEWERS**  
**HOWARD COUNTY MARYLAND**  
**DEPARTMENT OF PUBLIC WORKS**



**PURDUM & JESCHKE**  
 ENGINEERS  
 1023 N. CALVERT ST.  
 BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 DATE: 7-26-72  
 CHIEF - BUREAU OF WATER AND SEWER

CONTRACT NO. 419-S  
 WSF-MD-03-05-1000

LOCATION MAP OF  
 SANITARY SEWERS

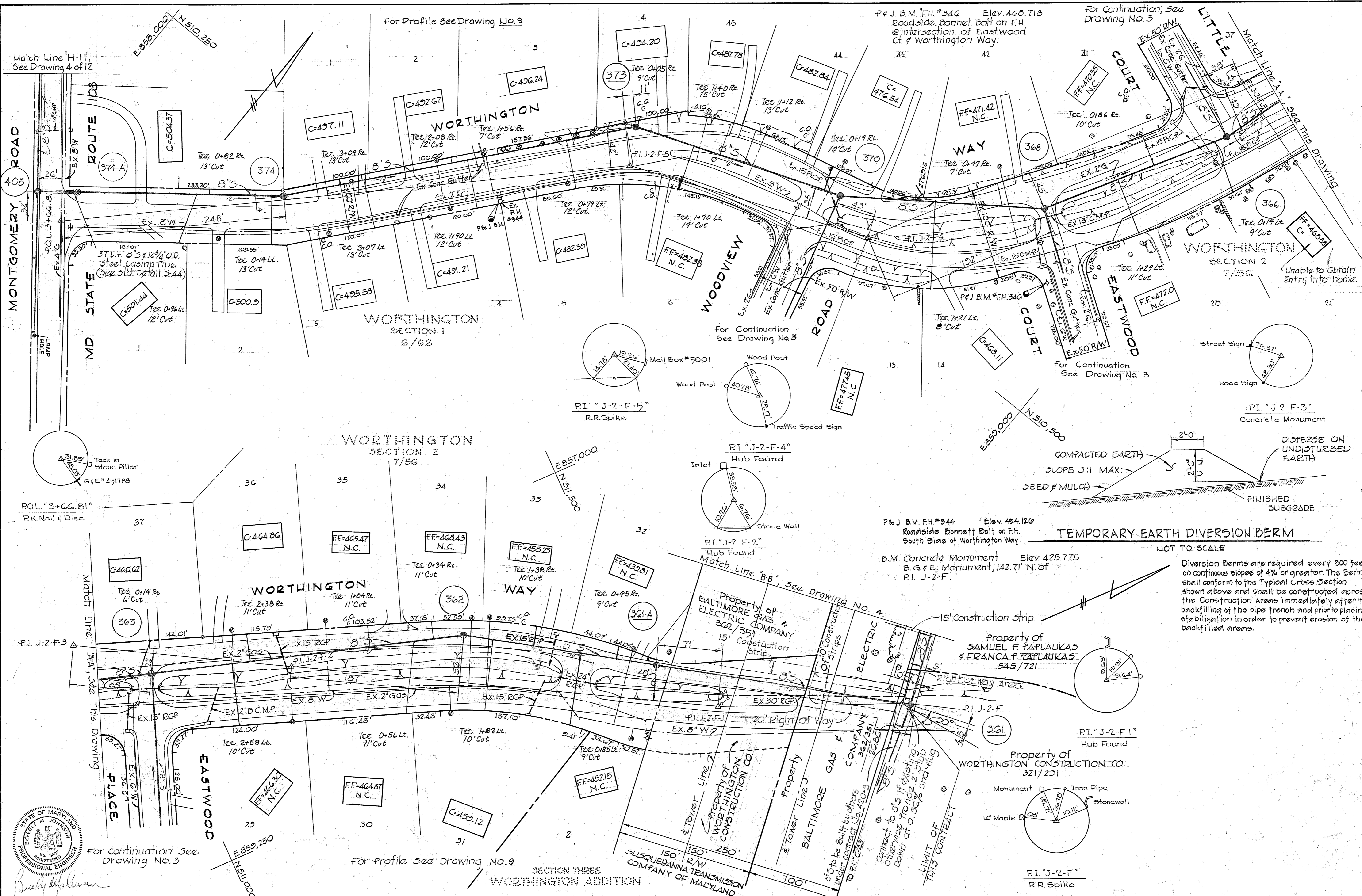
ELECTION DISTRICT NO. 2

DRAWING NO. <u>1</u> OF <u>12</u>	SCALE AS SHOWN
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1/S-614 SM

SUSPENDED

SUSPENDED



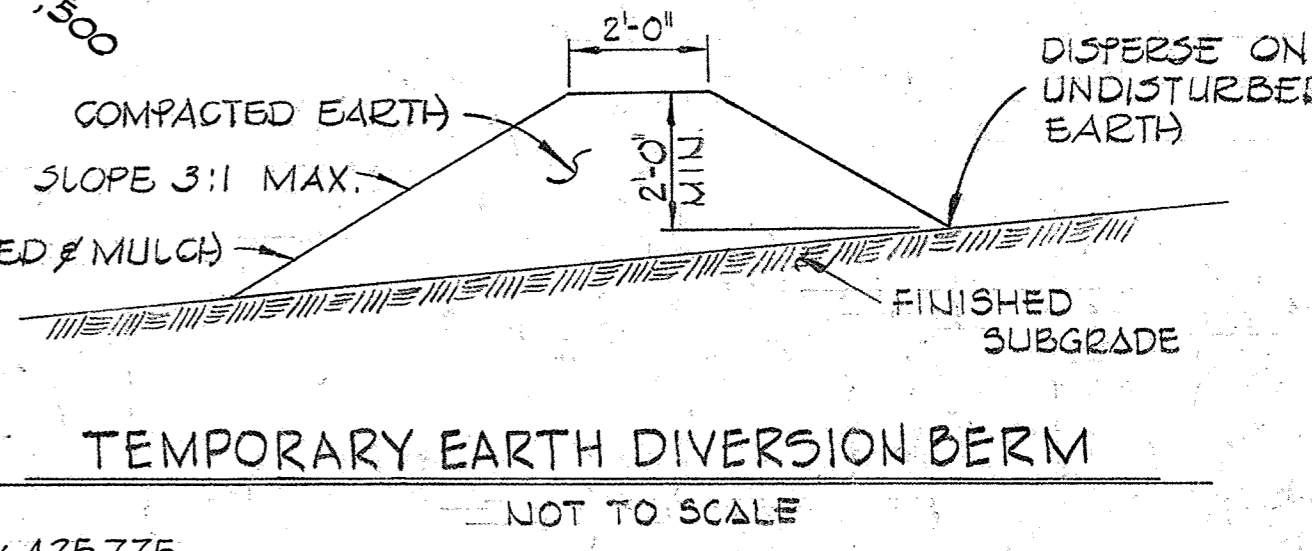
For Continuation, See Drawing No. 3

Match Line "H-H", See Drawing 4 of 12

For Profile See Drawing No. 9

P & J B.M. #346 Elev. 468.718  
Roadside Bonnet Bolt on F.H.  
@ Intersection of Eastwood Ct. & Worthington Way.

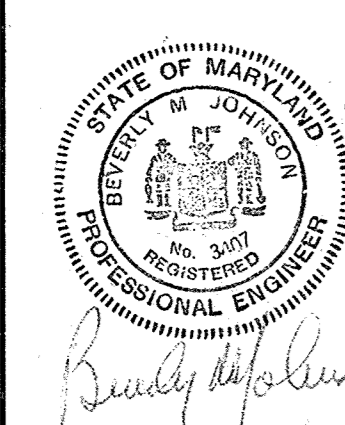
Unable to Obtain Entry into home.



P & J B.M. #344 Elev. 404.120  
Roadside Bonnet Bolt on F.H.  
South Side of Worthington Way

B.M. Concrete Monument Elev. 425.775  
B.G. & E. Monument, 142.71' N. of  
P.I. J-2-F

Diversion Berms are required every 300 feet on continuous slopes of 4% or greater. The Berms shall conform to the Typical Cross Section shown above and shall be constructed across the Construction Areas immediately after the backfilling of the pipe trench and prior to placing stabilization in order to prevent erosion of the backfilled areas.



For Continuation See Drawing No. 3

For Profile See Drawing No. 9

SECTION THREE  
WORTHINGTON ADDITION

<b>PURDUM &amp; JESCHKE</b> ENGINEERS 1023 N. CALVERT ST. BALTIMORE MARYLAND	<b>DEPARTMENT OF PUBLIC WORKS</b> HOWARD COUNTY, MARYLAND 1-26-72 DATE	CONTRACT NO. <b>419-S</b> WSF-MD-03-05-1000	<b>PLAN OF SEWER MAINS</b>	<b>ELECTION DISTRICT NO. 2</b>	DRAWING NO. <b>2</b>	SCALE <b>1"=50'</b>
					OF <b>12</b>	

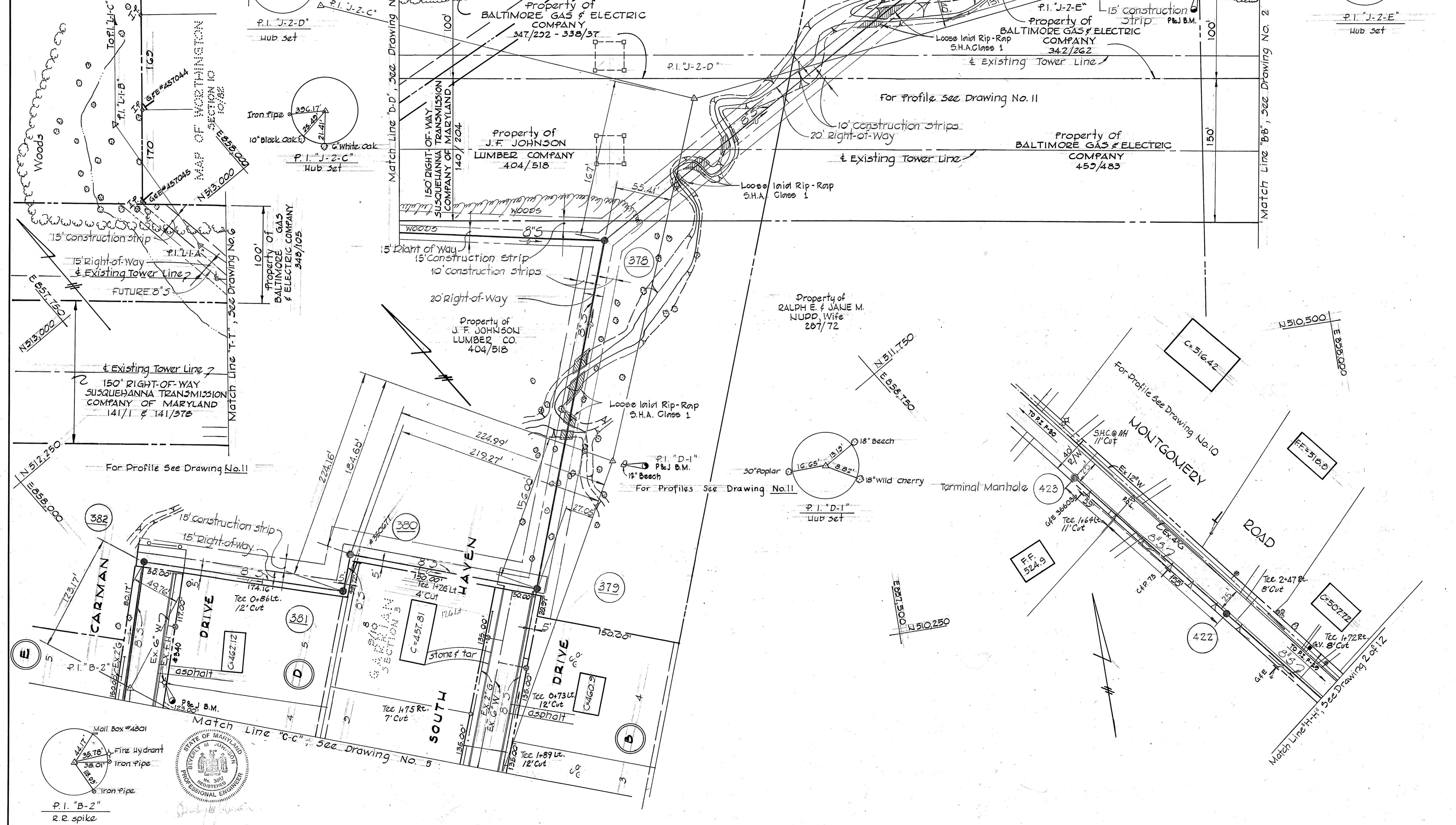
WS 419-S/2



P & J B.M. Elev. 442.315  
R.R. Spike in 12" Beach 315  
S.E. of P.I. "D-1"

P & J B.M. F.H.#340 Elev. 408.184  
F.H. Roadside Bennett Bolt,  
East Side Carman Drive

B.M. Conc. Monument Elev. 425.775  
D.G. & E. Monument, 142.71  
N of P.I. J-2-E.



WS 419-S/4

**PURDUM & JESCHKE**  
ENGINEERS  
1023 N. CALVERT ST.  
BALTIMORE, MARYLAND

**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND  
1-26-72  
DATE

**CONTRACT NO. 419-S**  
WSF-MD-03-05-1000

**PLAN OF SEWER MAINS**

**ELECTION DISTRICT NO. 2**

**DRAWING NO. 4 OF 12**

**SCALE 1"=50'**

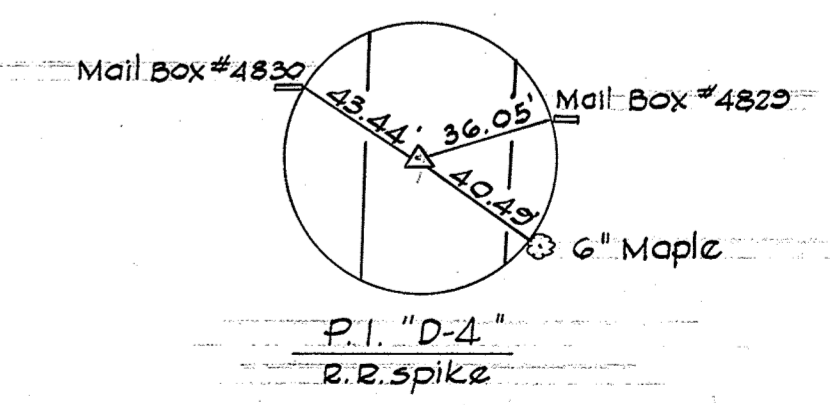
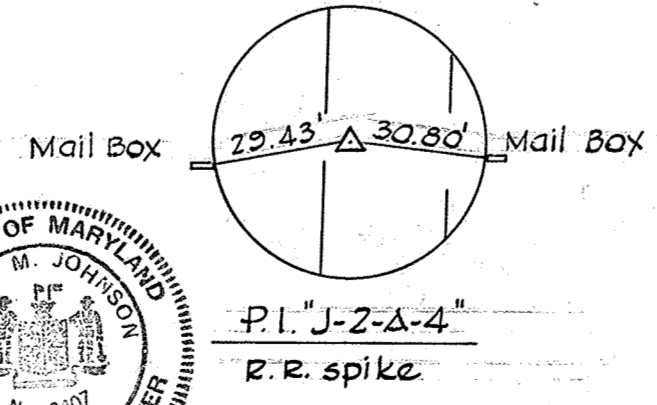
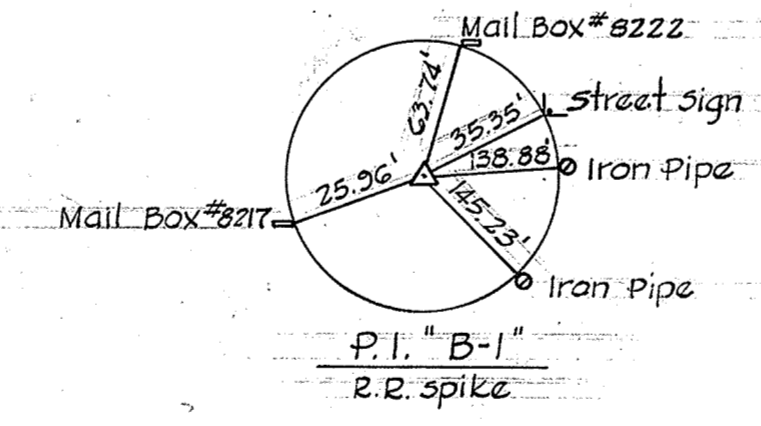
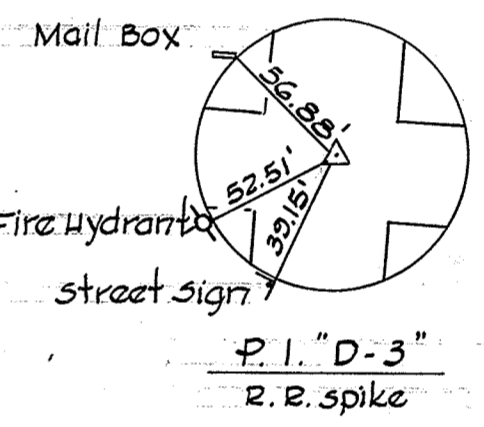
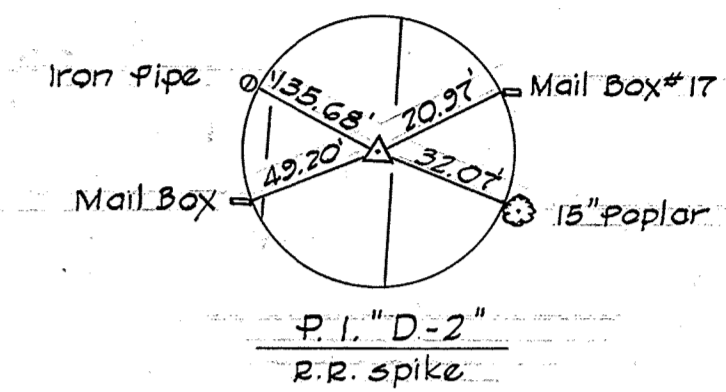
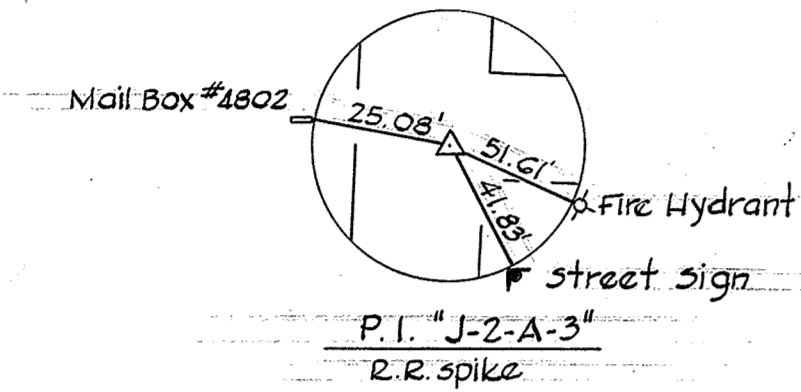
B.M. T-5 Elev. 505.55  
 P.H. Rondeide Bennett Bolt  
 @ N.W. Junction of South Haven  
 Drive & Elberta Drive

B.M. T-2 Elev. 520.022  
 N.E. corner of porch of House  
 #4814 ± 75' N.W. of J-2-A-4

B.M. T-6 Elev. 518.978  
 N.W. corner of 1st step of House #4820

B.M. T-4 Elev. 500.857  
 R.R. spike in pole #27653,  
 East side of Elberta Dr.  
 between Sta. D-3 & B-1

B.M. T-3 Elev. 496.350  
 S.W. corner of 1st step of 155  
 Elberta Drive. House # 824



B.M. Fire Hydrant #335 Elev. 492.245  
 Fire Hydrant, road side Bonnet, 30'±  
 from St. sign of Hale Haven &  
 Elberta Drive.

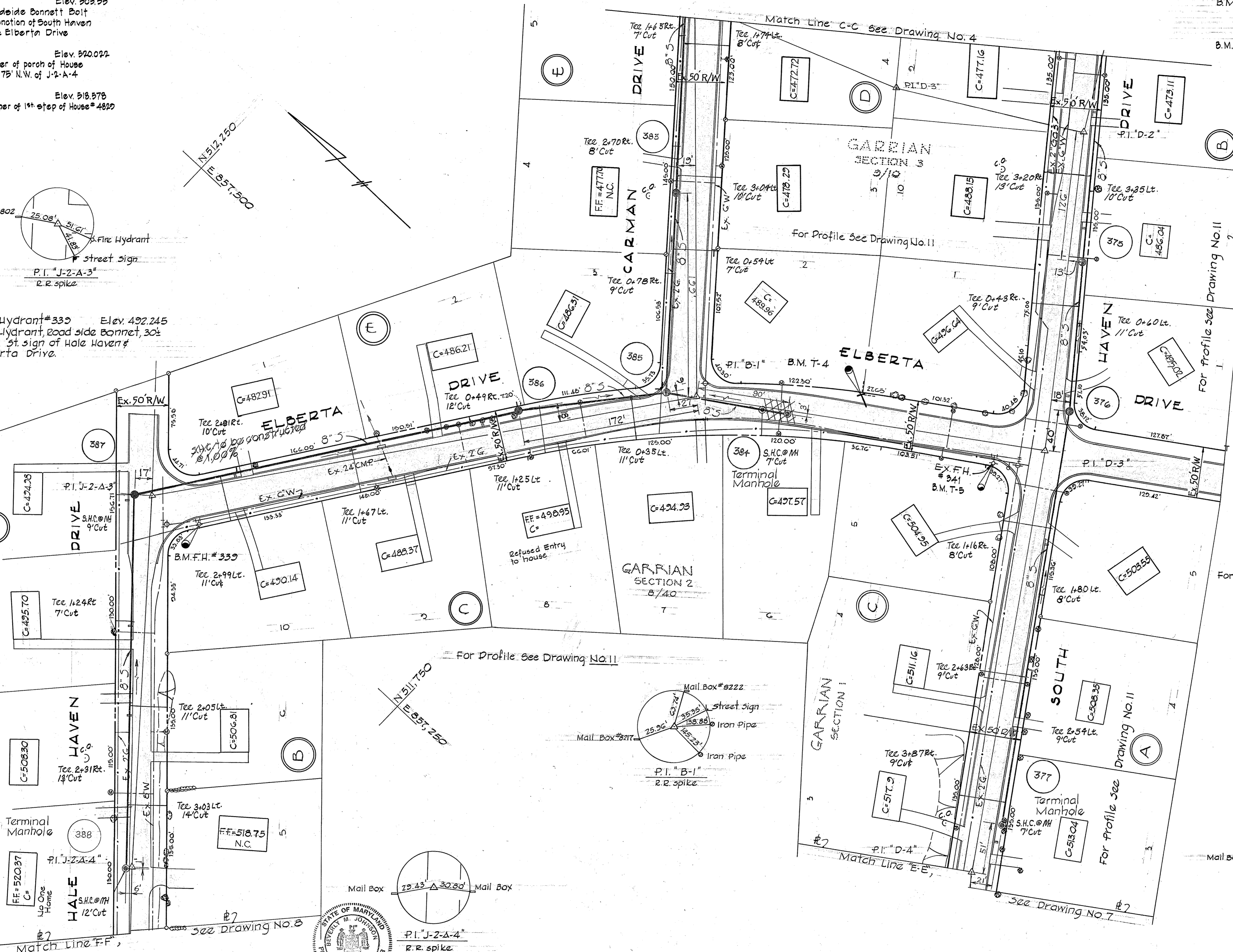
GARRIAN SECTION 2  
 5/10

GARRIAN ORCHARDS SECTION 2  
 4/40 5

GARRIAN SECTION 2  
 8/40

GARRIAN SECTION 1

Match Line E-E  
 See Drawing No. 7



WS 419-S/5



PURDUM & JESCHKE  
 ENGINEERS  
 1023 N. CALVERT ST.  
 BALTIMORE MARYLAND

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 1-26-72 DATE  
 W. D. Fallick  
 CHIEF - BUREAU OF WATER AND SEWER

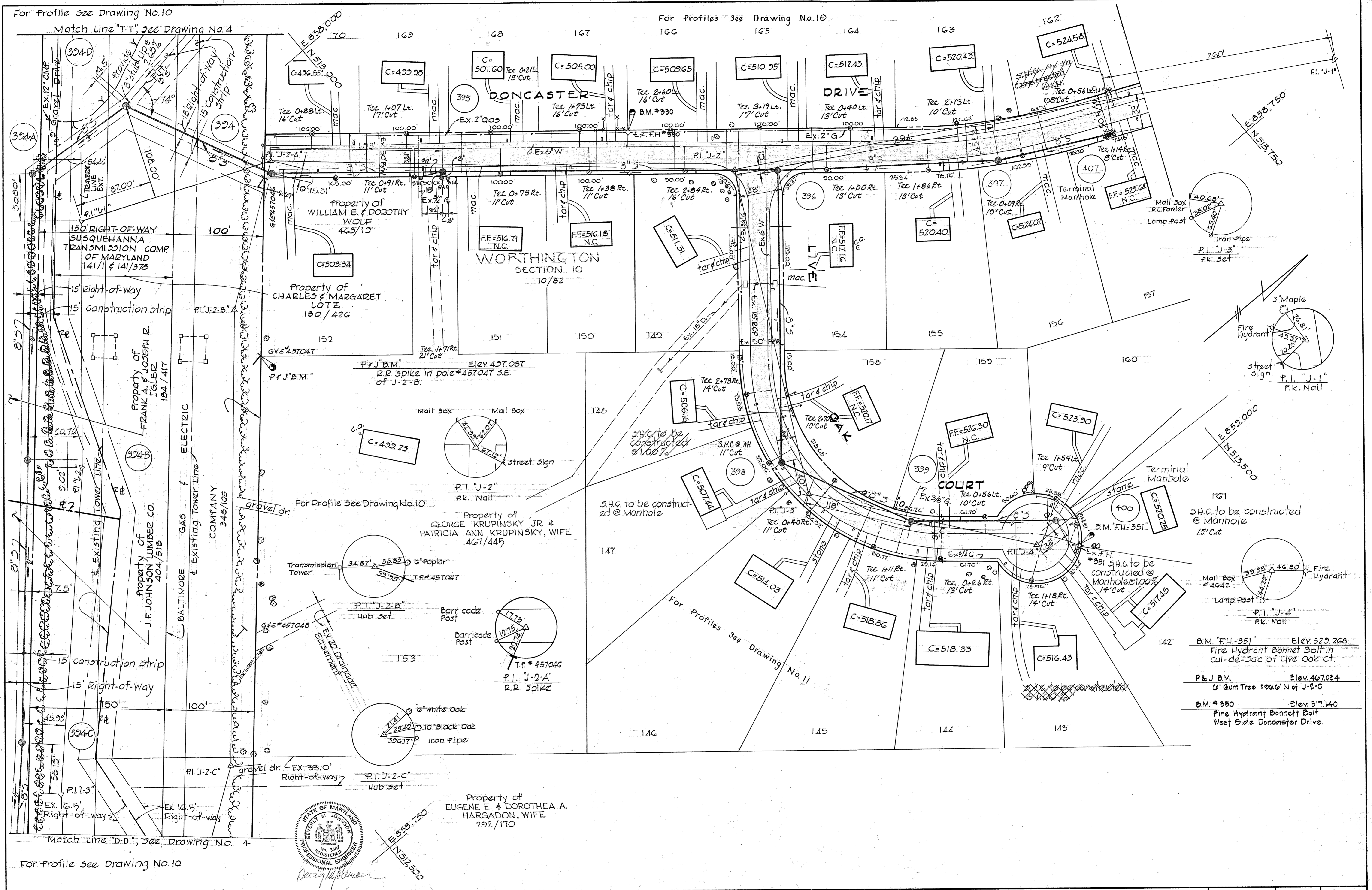
CONTRACT NO. 419-S  
 WSF-MD-03-05-1000

PLAN OF  
 SEWER MAINS

ELECTION DISTRICT NO. 2

DRAWING NO. 5 OF 12  
 SCALE 1" = 50'

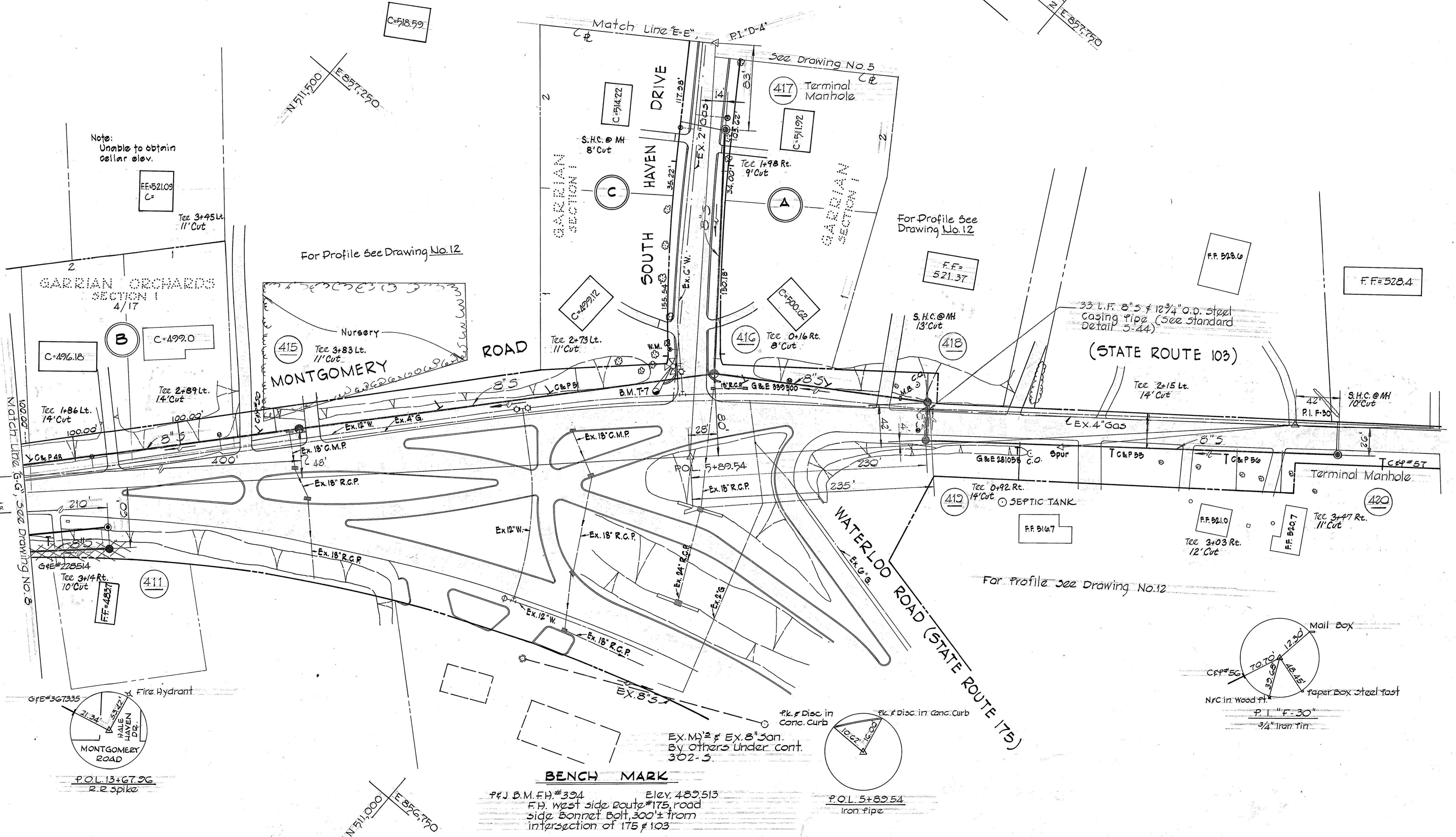
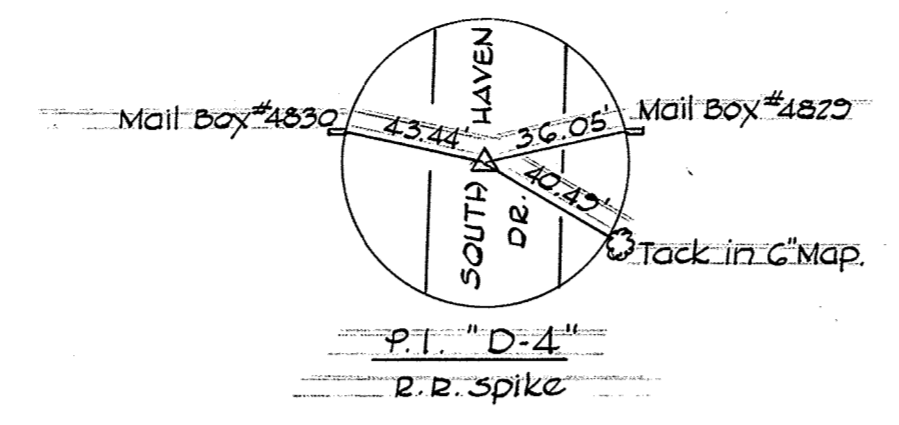
WS 419-3/6



PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 1-26-72 DATE	CONTRACT NO. 419-S WSF-MD-03-05-1000	PLAN OF SEWER MAINS	ELECTION DISTRICTS NO. 2	DRAWING NO. 6 OF 12 SCALE 1"=50'
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B.M. T-7 Elev. 488.863  
Fire Hydrant Road Side Bennett  
Bolt @ corner of South Haven Drive  
and Montgomery Road.

For profile See Drawing No. 12



Note:  
Unable to obtain  
cellar elev.

GARRIAN ORCHARDS  
SECTION I  
4/17

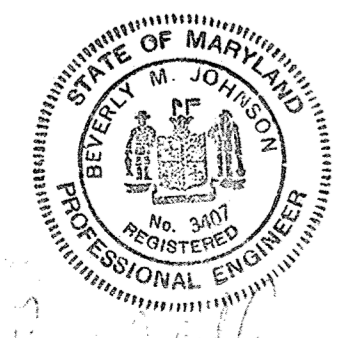
Nursery  
MONTGOMERY ROAD

(STATE ROUTE 103)

WATERLOO ROAD (STATE ROUTE 175)

**BENCH MARK**

P&J B.M. FH #324 Elev. 489.513  
F.H. West side Route #175, road  
side Bennett bolt, 300'± from  
intersection of 175 & 103



WS 419-S/7

**PURDUM & JESCHKE**  
ENGINEERS  
1023 N. CALVERT ST.  
BALTIMORE, MARYLAND

**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND  
1-26-72  
DATE

CONTRACT NO. 419-S  
WSF-MD-03-05-1000

**PLAN OF  
SEWER MAINS**

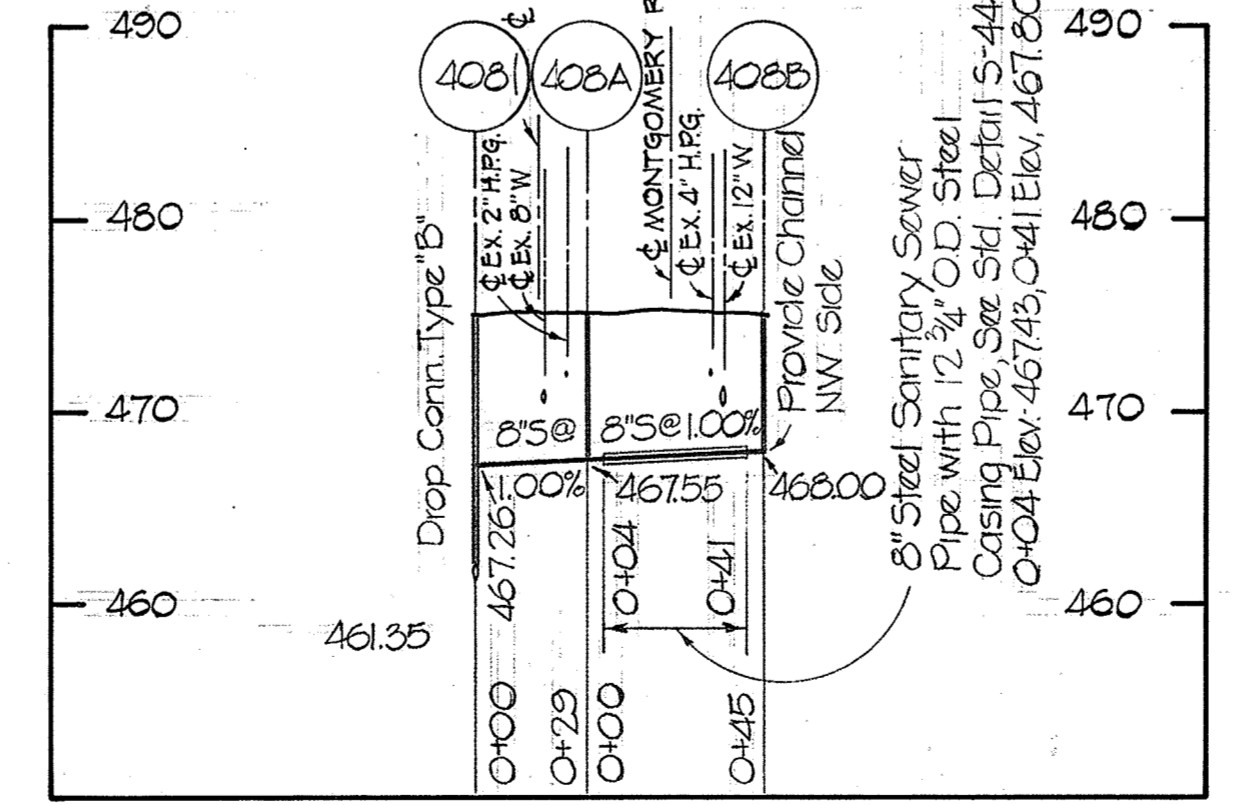
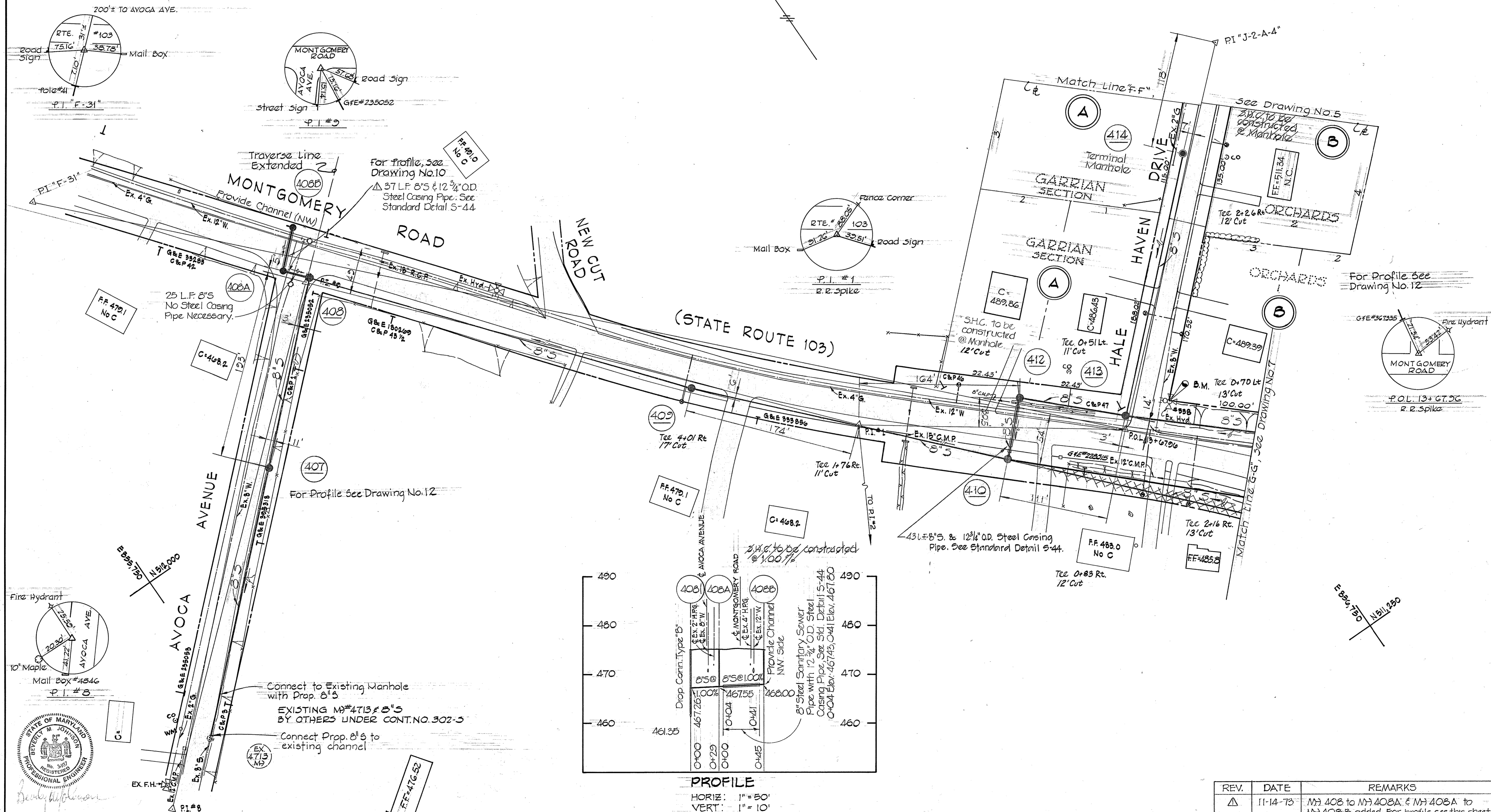
ELECTION DISTRICT NO. 2

DRAWING  
NO. 7  
OF 12  
SCALE  
1" = 50'

**BENCH MARKS**

PFJ B.M. X-1 Elev. 463.85  
 R.R. spike in pole GFE 278466,  
 76' N.E. of P.I. #2.  
 PFJ B.M. X-2 Elev. 441.31  
 R.R. spike set in 10" gum  
 110' ± S.W. of P.I. #4, along  
 Traverse Line P.I. #4 ~ P.I. #5  
 B.M. Fire Hydrant #998 Elev. 490.004  
 Fire Hydrant, Road Side Bennett,  
 Junction of Route 103 & Hale Haven  
 Drive.

For profile see Drawing No. 12



**PROFILE**  
 HORIZ: 1" = 50'  
 VERT: 1" = 10'

REV.	DATE	REMARKS
Δ	11-14-73	M# 408 to M# 408A & M# 408A to M# 408B added. For profile see this sheet.

**PURDUM & JESCHKE**  
 ENGINEERS  
 1023 N. CALVERT ST.  
 BALTIMORE, MARYLAND

**DEPARTMENT OF PUBLIC WORKS**  
 HOWARD COUNTY, MARYLAND  
 1-26-72 DATE  
 W.O. Gilbert CHIEF - BUREAU OF WATER AND SEWER

CONTRACT NO. 419-S  
 WSF-MD-03-05-1000

PLAN OF  
 SEWER MAINS

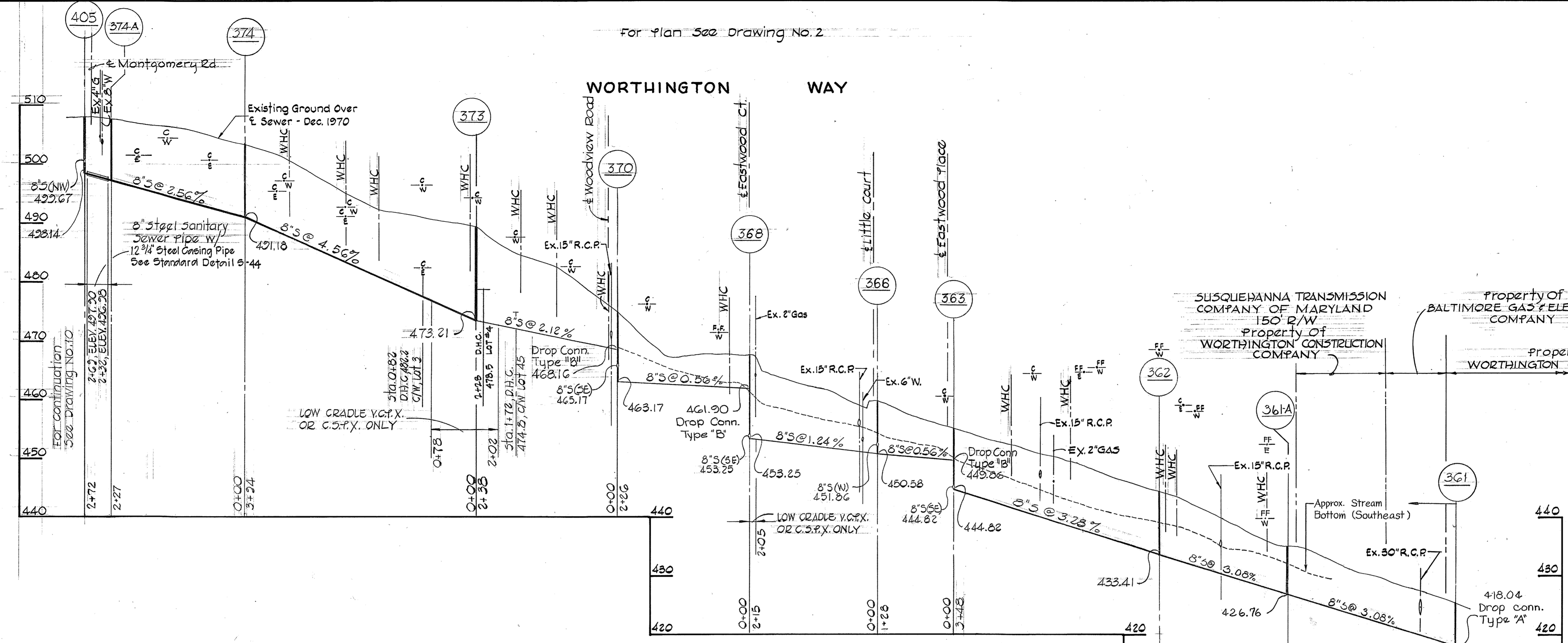
ELECTION DISTRICT NO. 2

DRAWING NO. 8 OF 12  
 SCALE 1" = 50'

WS 419-S/8

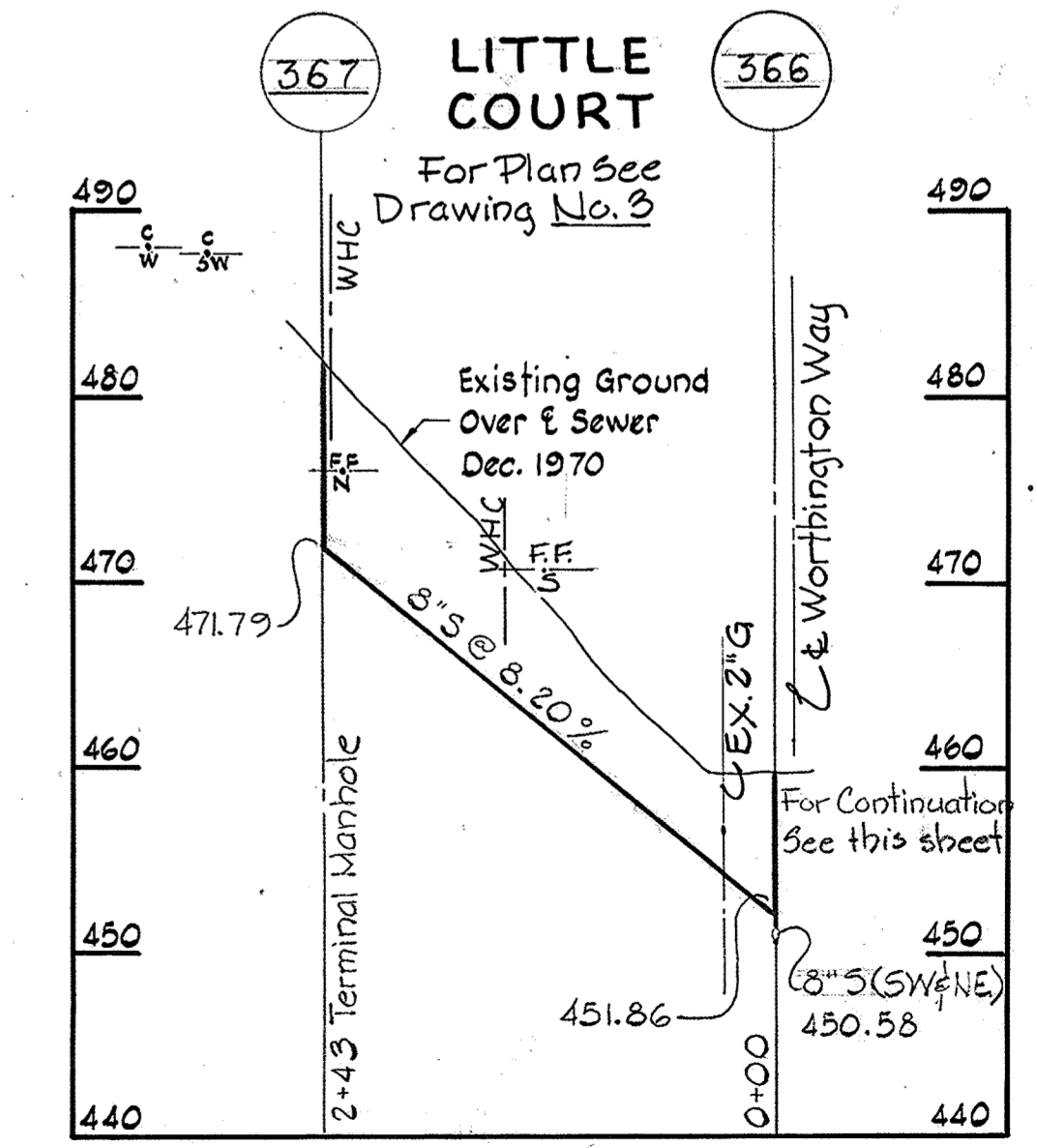
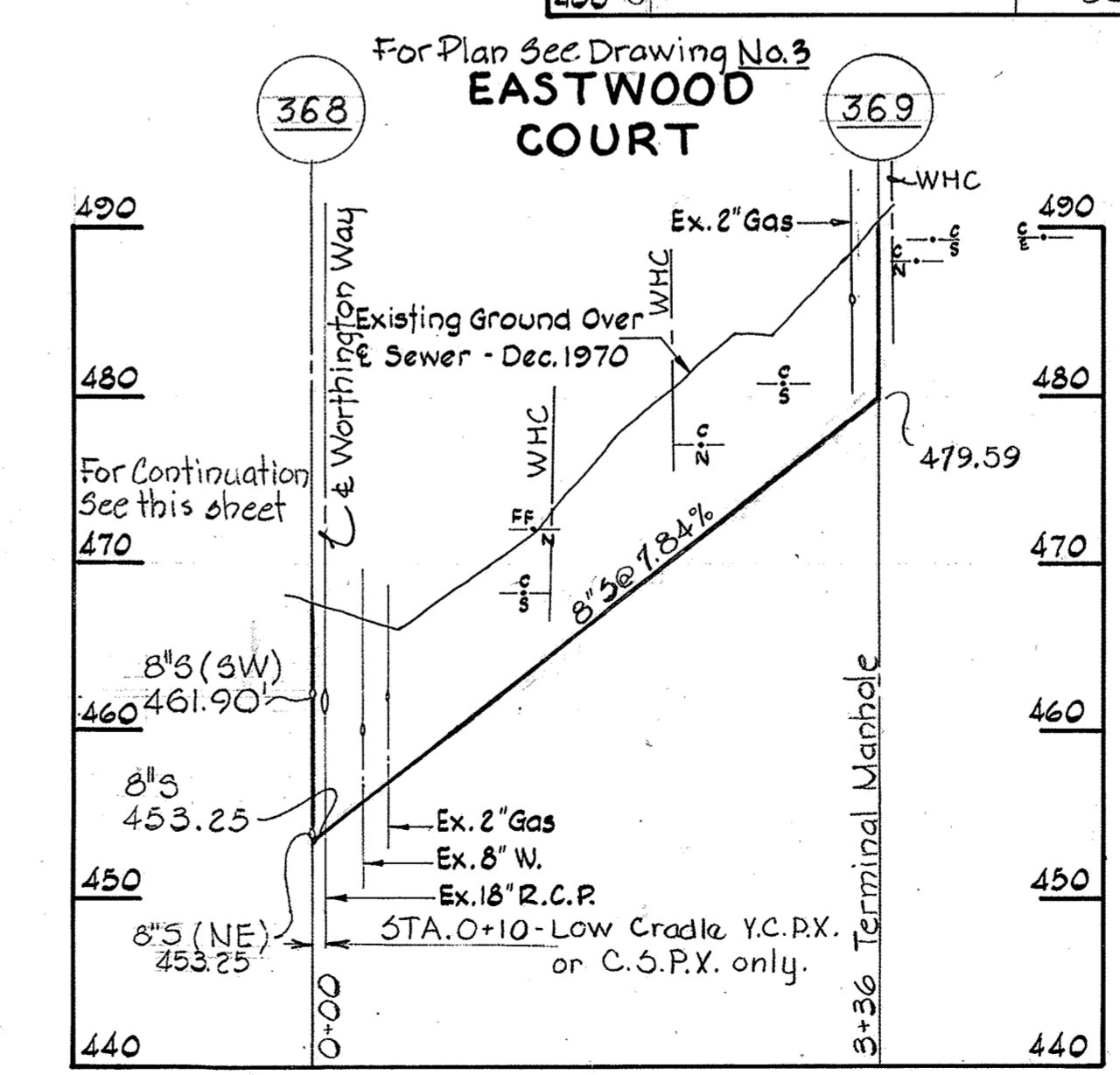
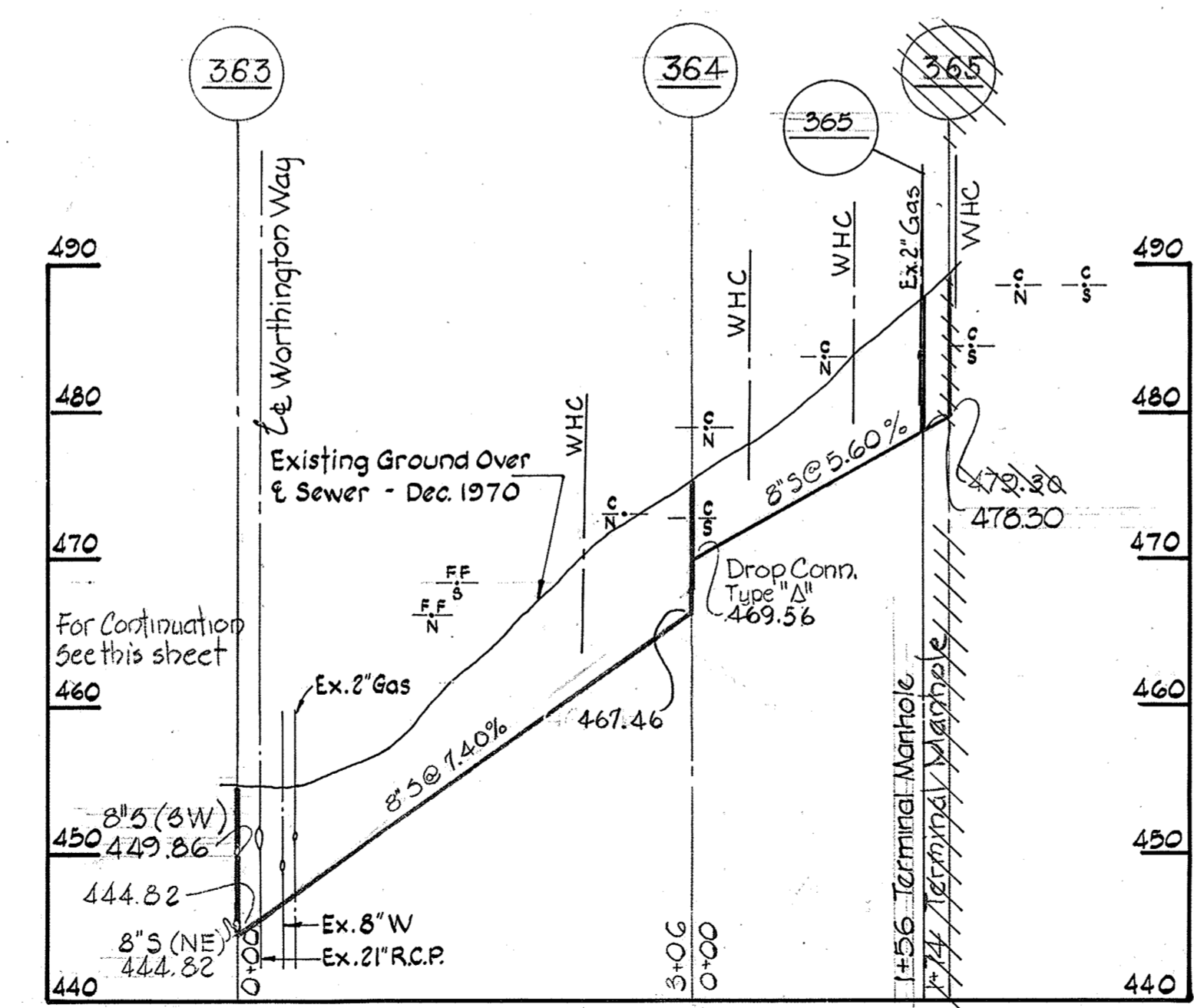
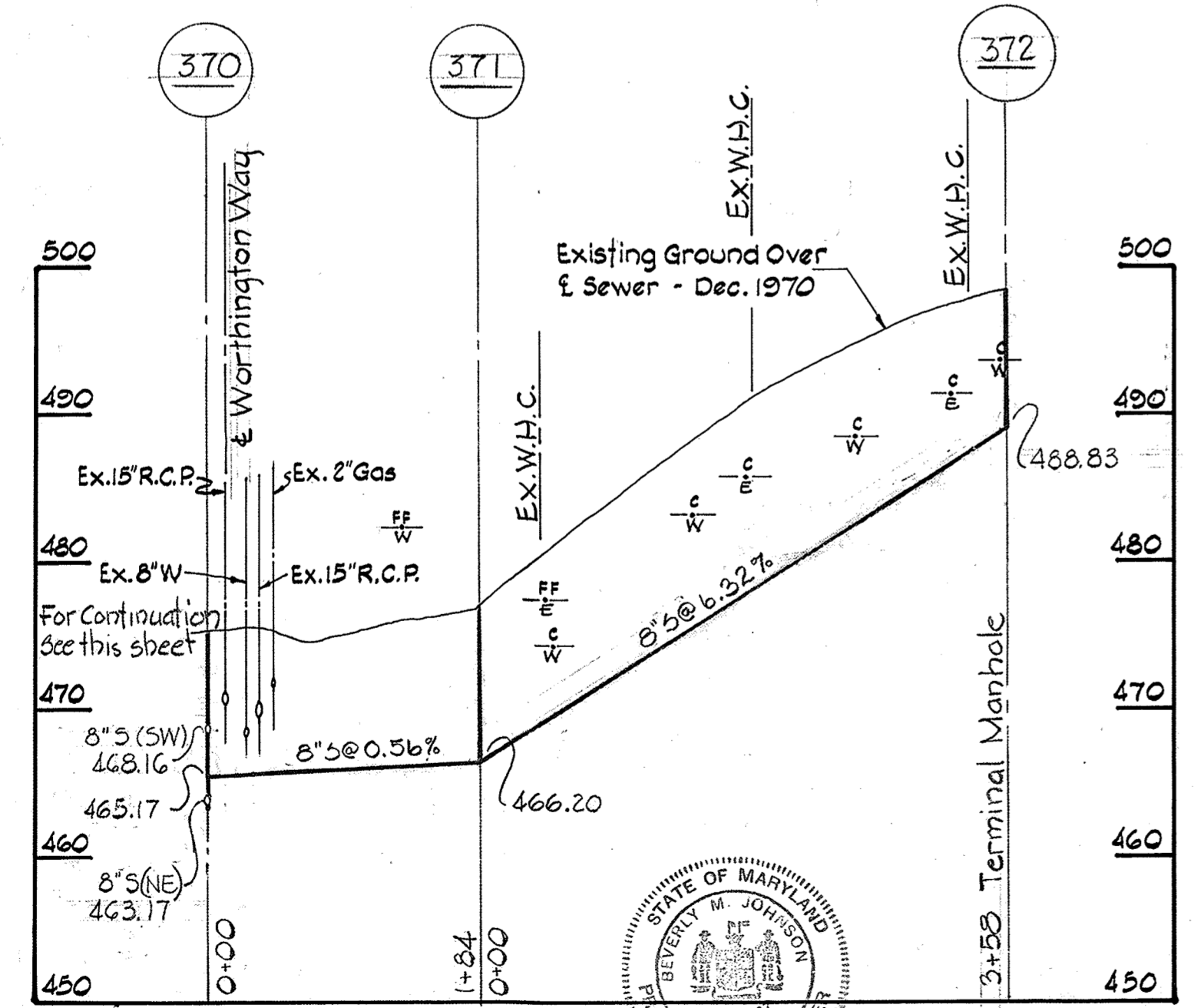


For Plan See Drawing No. 2



For Plan See Drawing No. 2

For Plan See Drawing No. 3



PROFILES

SCALE: Hor.: 1"=100' Vert.: 1"=10'

**PURDUM & JESCHKE**  
 ENGINEERS  
 1023 N. CALVERT ST.  
 BALTIMORE, MARYLAND

**DEPARTMENT OF PUBLIC WORKS**  
 HOWARD COUNTY, MARYLAND  
 DATE: 1-26-72  
 W. O. FILLER  
 CHIEF - BUREAU OF WATER AND SEWER

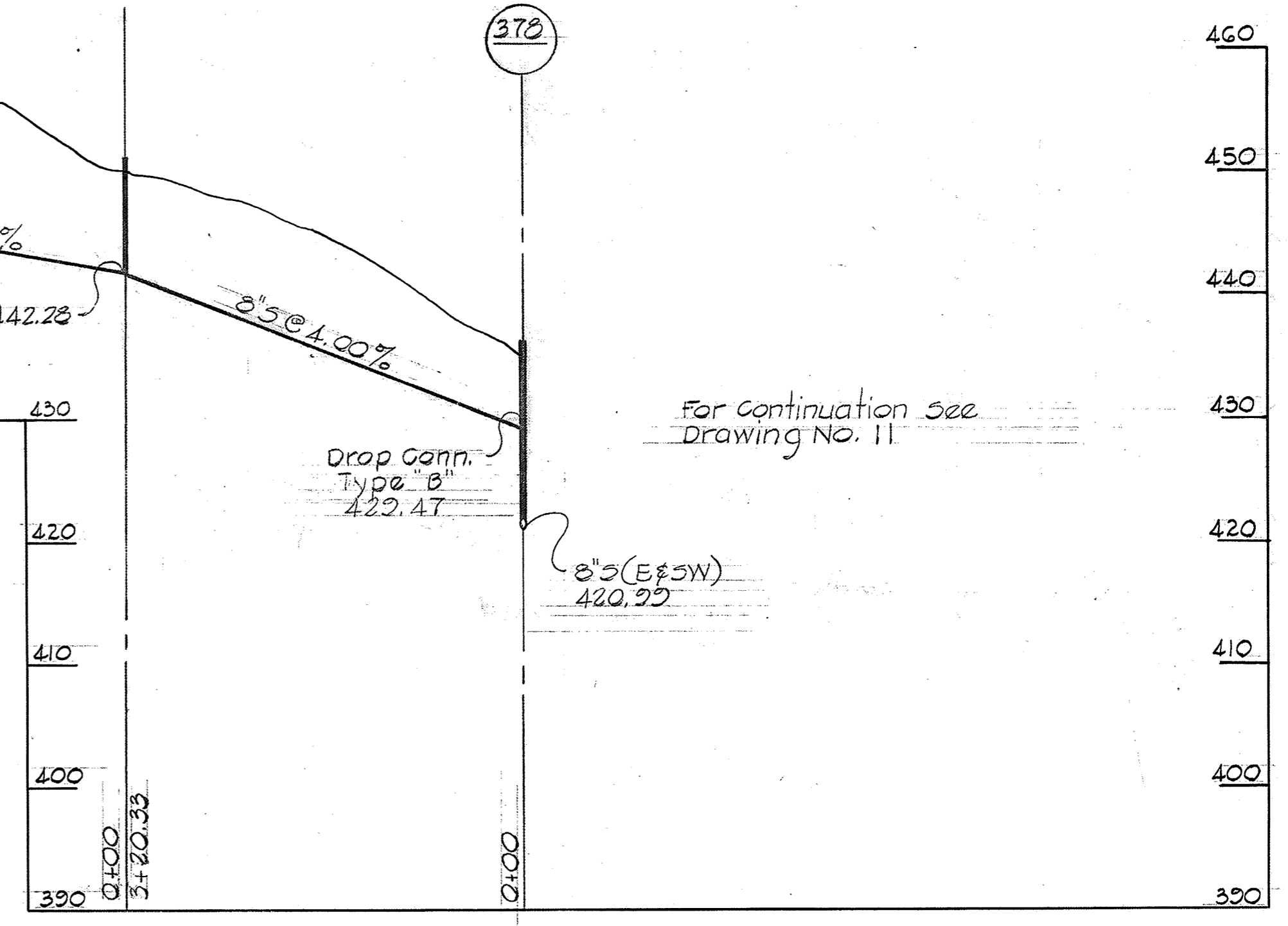
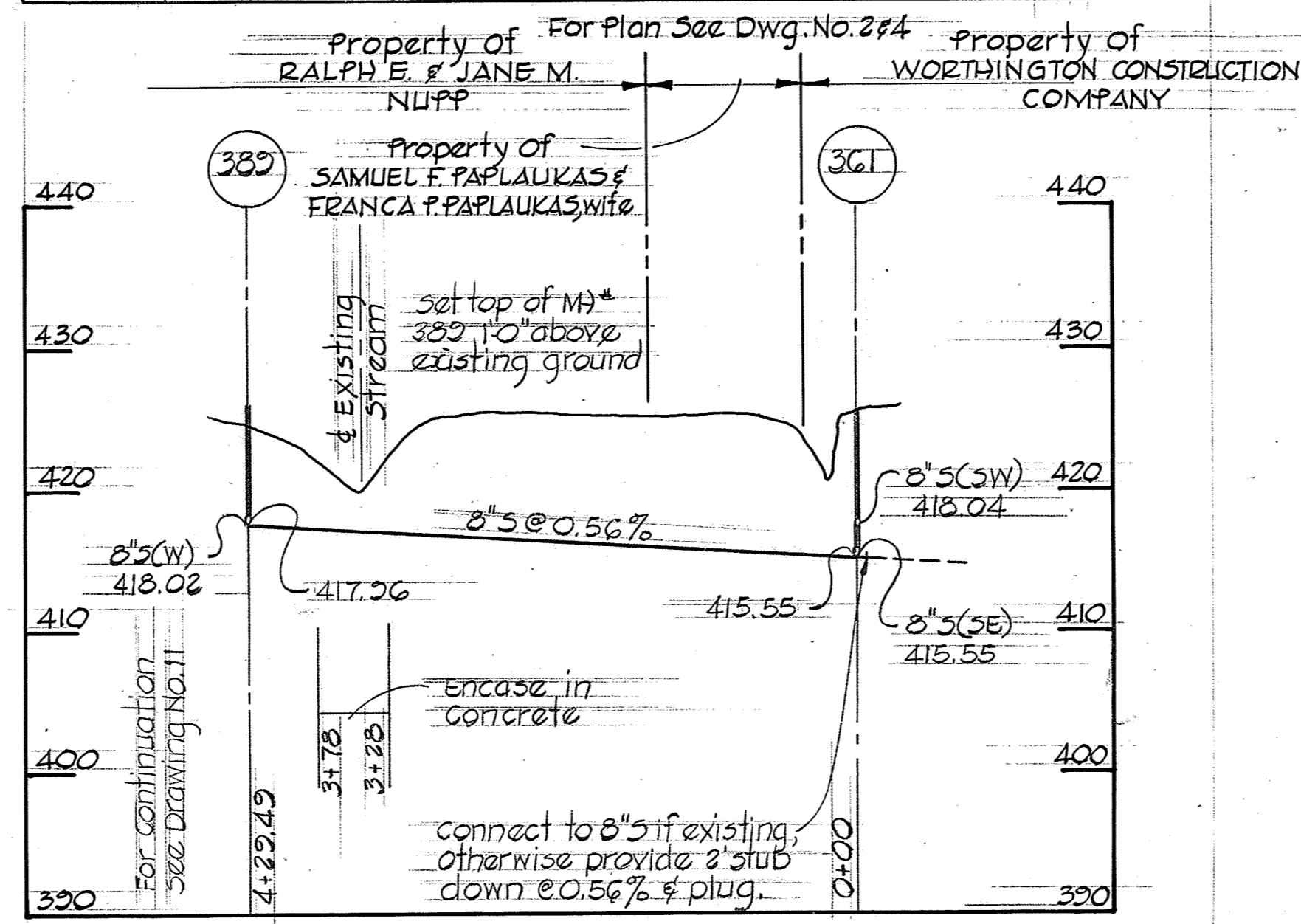
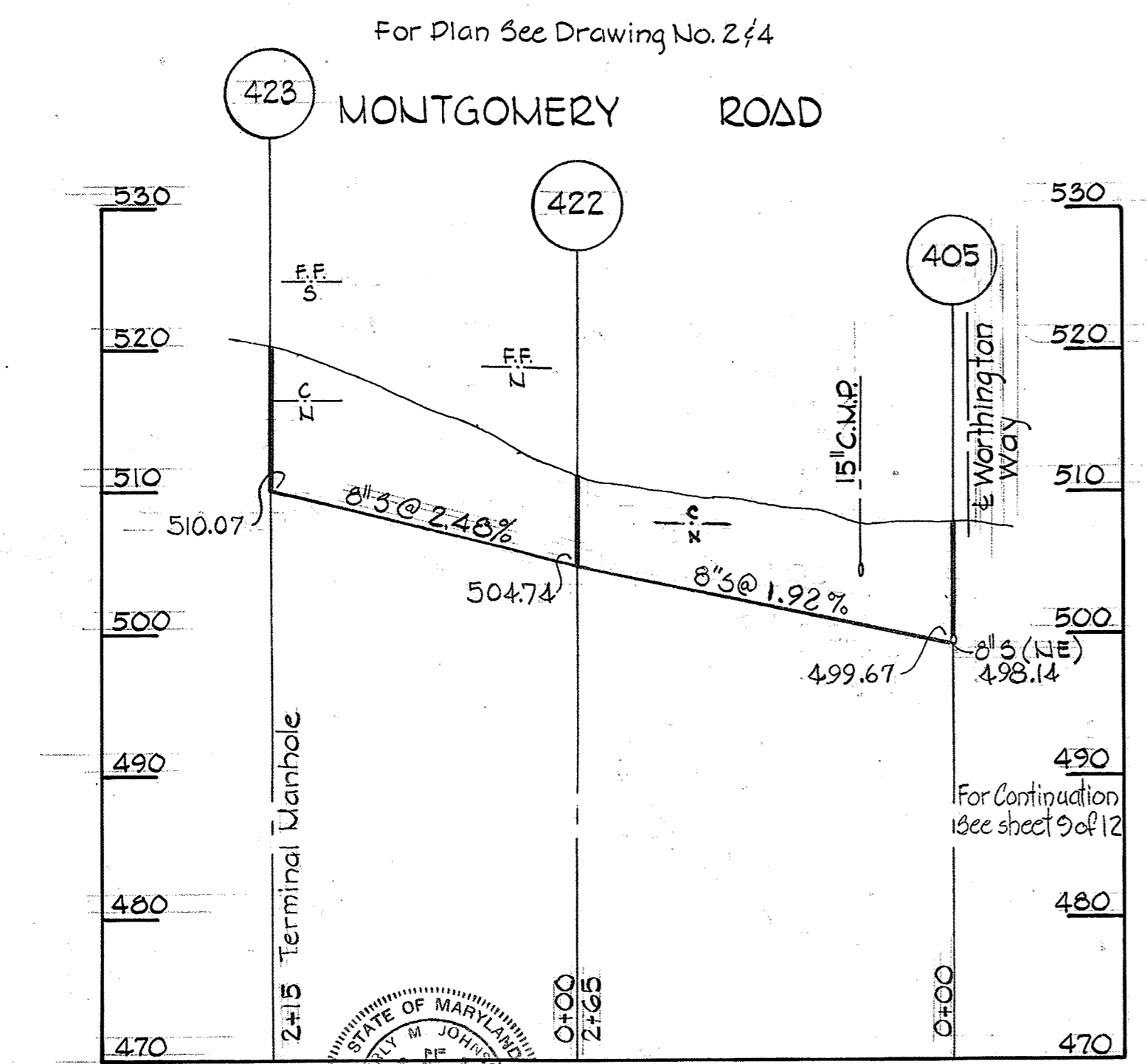
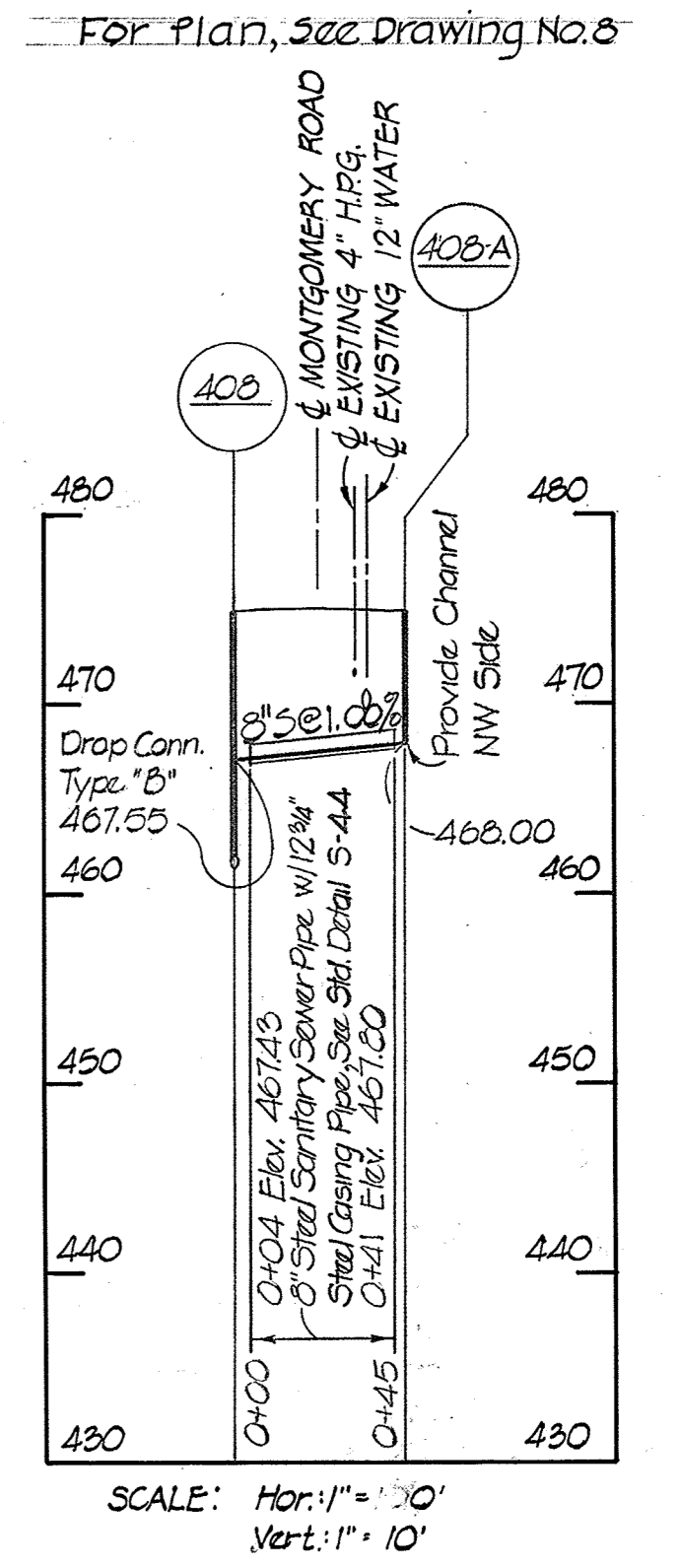
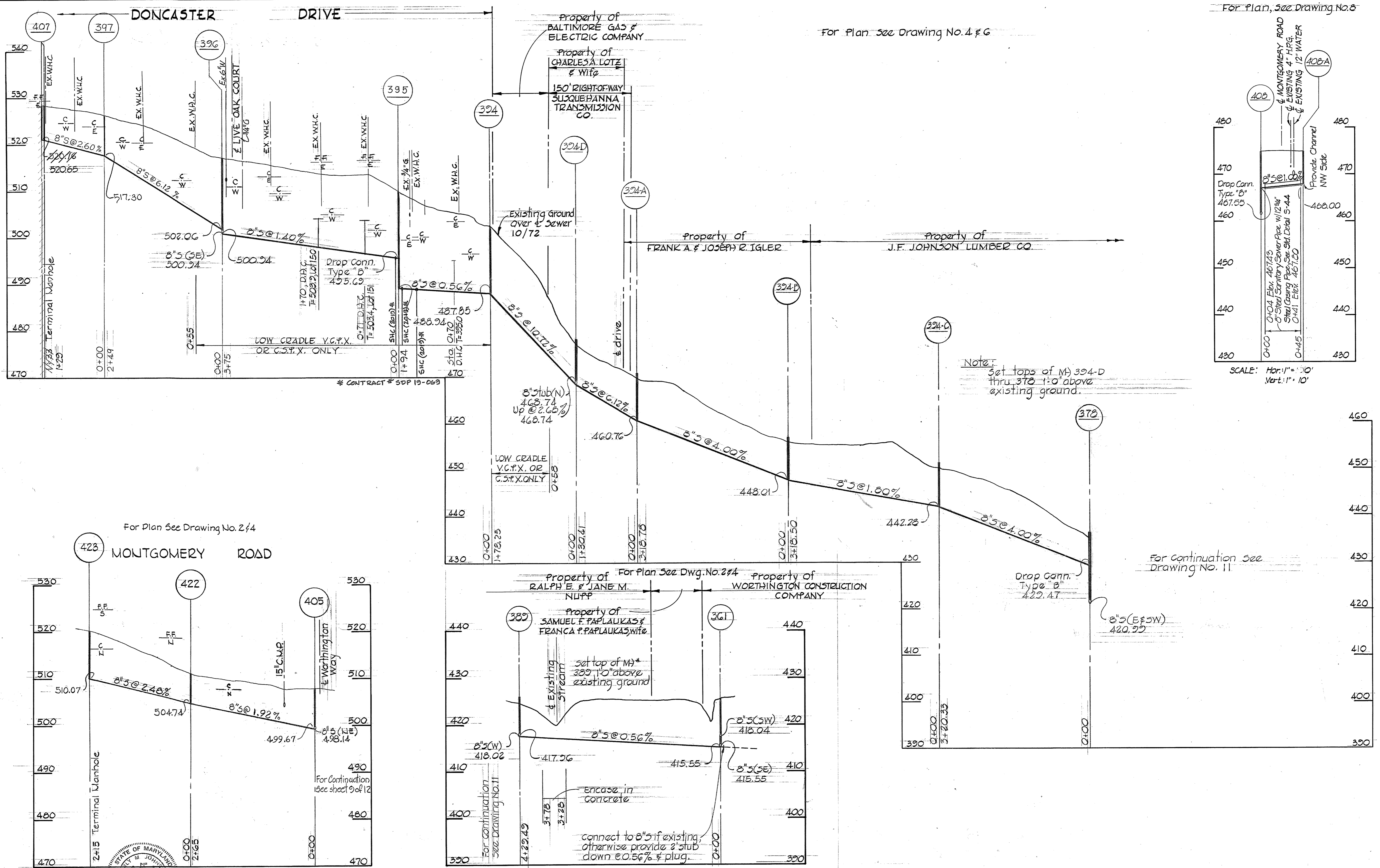
CONTRACT NO. 419-S  
 WSF-MD-03-05-1000

PROFILE

ELECTION DISTRICT NO. 2

DRAWING NO. 9 OF 12  
 SCALE AS SHOWN

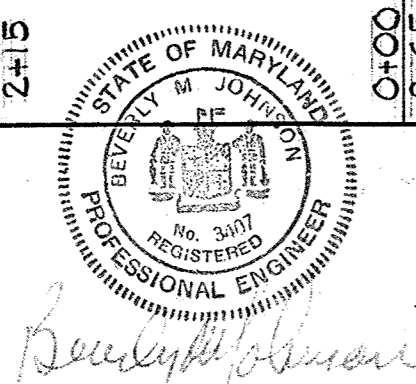
WS 419-5/9



**PROFILES**  
SCALE: Hor: 1" = 100'  
Vert: 1" = 10'

REV.	DATE	REMARKS
1	7-25-73	M# 408 to M# 408-A added. For plan see Drawing No. 8 of 12

WS 419-S/10



**PURDUM & JESCHKE**  
ENGINEERS  
1023 N. CALVERT ST.  
BALTIMORE, MARYLAND

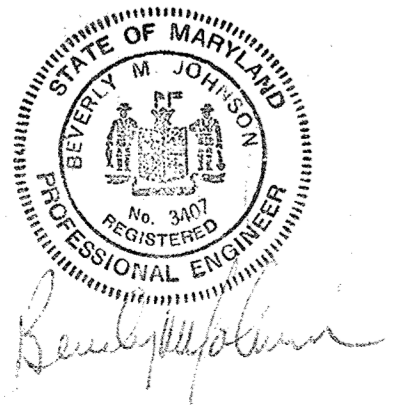
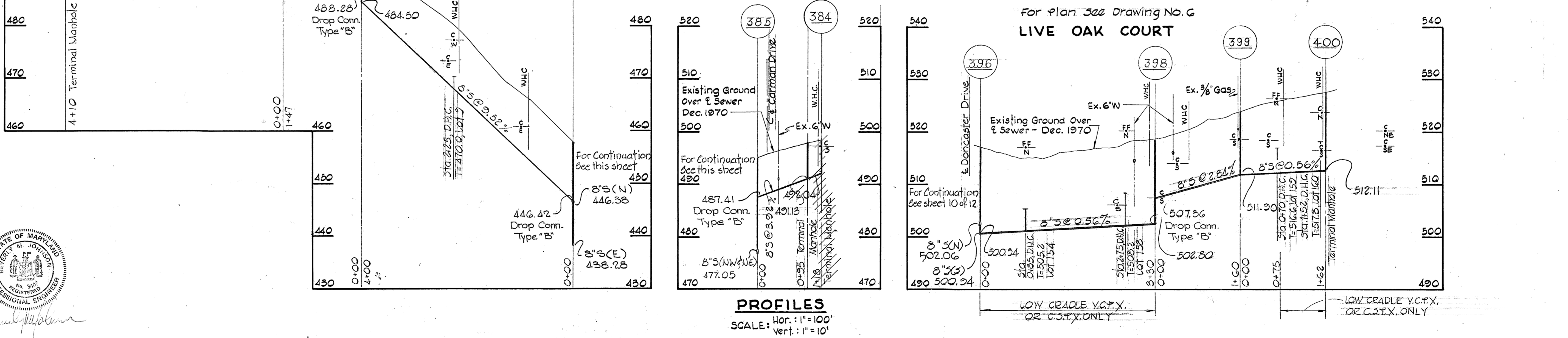
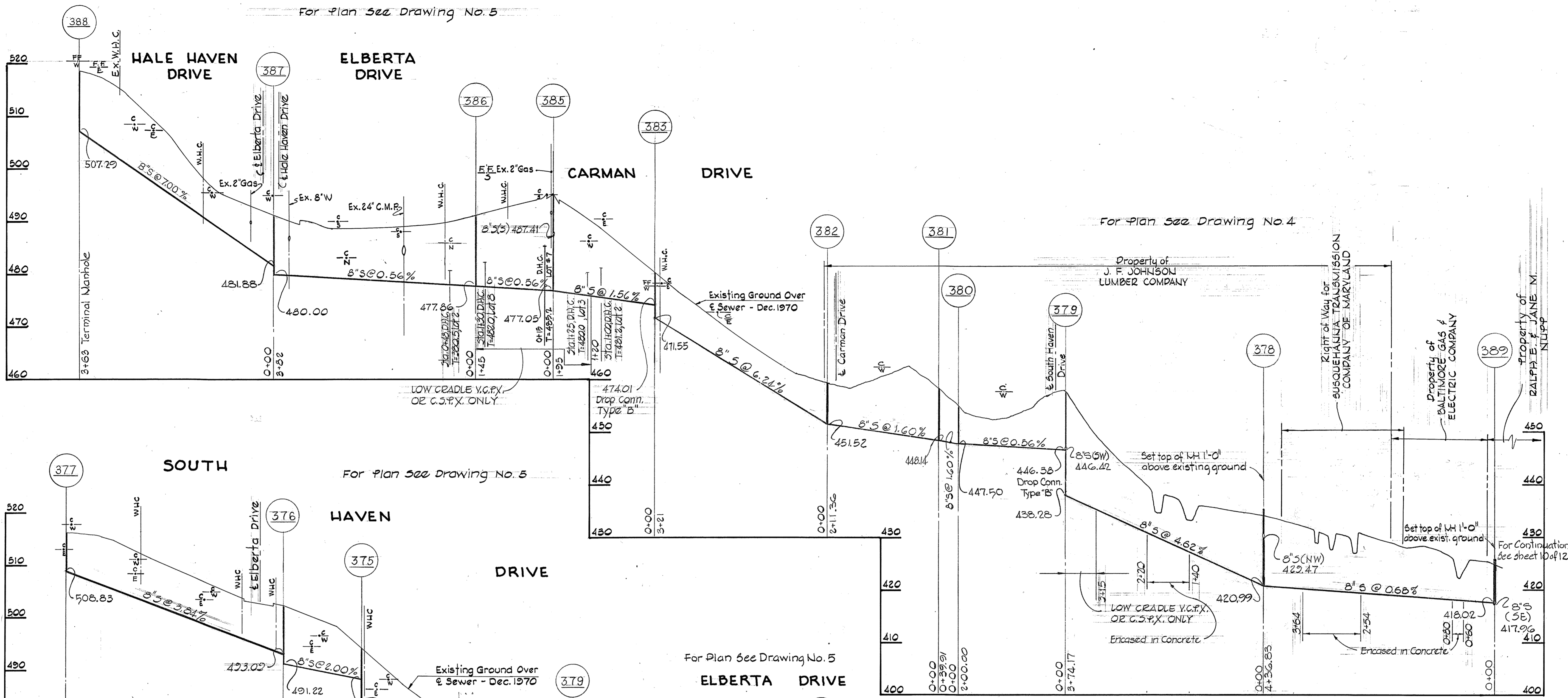
DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
DATE 1-26-72  
W. O. Felber  
CHIEF - BUREAU OF WATER AND SEWER

CONTRACT NO. 419-S  
WSF-MD-03-05-1000

PROFILE

ELECTION DISTRICTS NO. 2

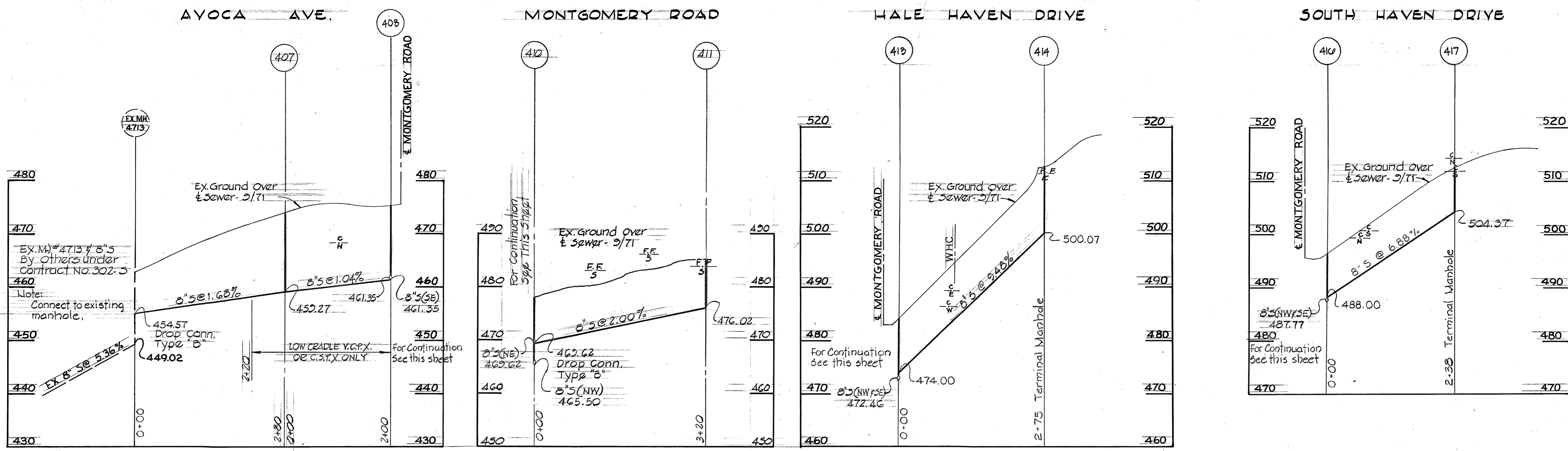
DRAWING NO. 10 OF 12  
SCALE AS SHOWN



WS 419-5/11

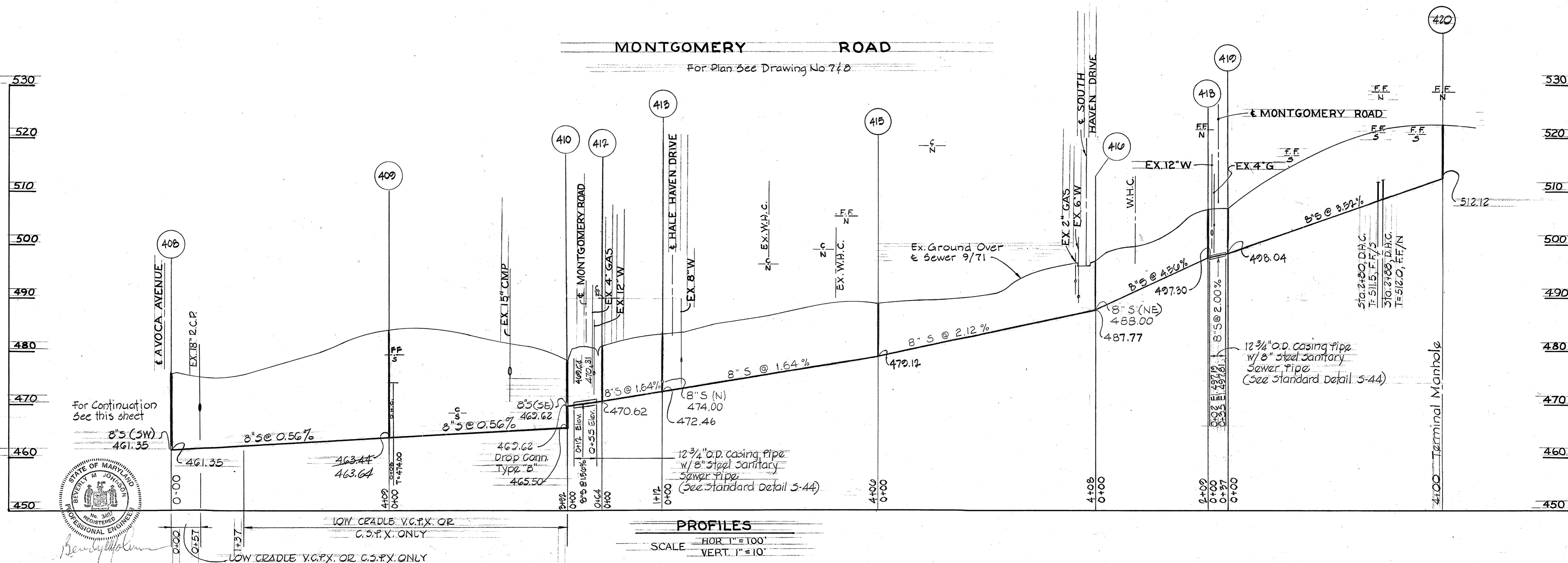
<p><b>PURDUM &amp; JESCHKE</b> ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND</p>	<p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE 1-26-72 W. O. Jeschke CHIEF - BUREAU OF WATER AND SEWER</p>	<p>CONTRACT NO. 419-S WSF-MD-03-05-1000</p>	<p>PROFILE</p>	<p>ELECTION DISTRICT NO. 2</p>	<p>DRAWING NO. 11 OF 12 SCALE AS SHOWN</p>
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For Plan See Drawings No. 7 & 8



MONTGOMERY ROAD

For Plan See Drawing No. 7 & 8



PROFILES

SCALE - HOR. 1" = 100'  
VERT. 1" = 10'

PURDUM & JESCHKE  
ENGINEERS  
1023 N. CALVERT ST.  
BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
1-26-72  
DATE

CONTRACT NO. 419-S  
WSF-MD-03-05-1000

PROFILES OF  
SEWER MAINS

ELECTION DISTRICT NO. 2

DRAWING NO. 12  
OF 12  
SCALE AS SHOWN

WS 419-S/12