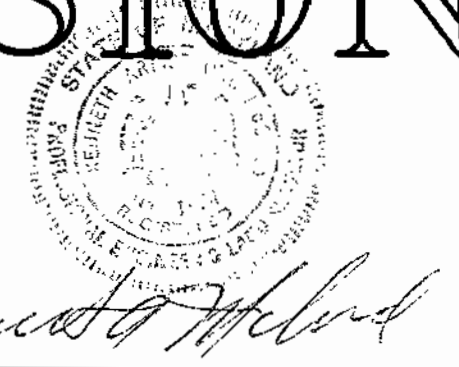


CONTRACT 20 W & S
WATER AND SEWER MAIN EXTENSIONS
HOWARD COUNTY METROPOLITAN COMMISSION
ELLICOTT CITY SUB-DISTRICT



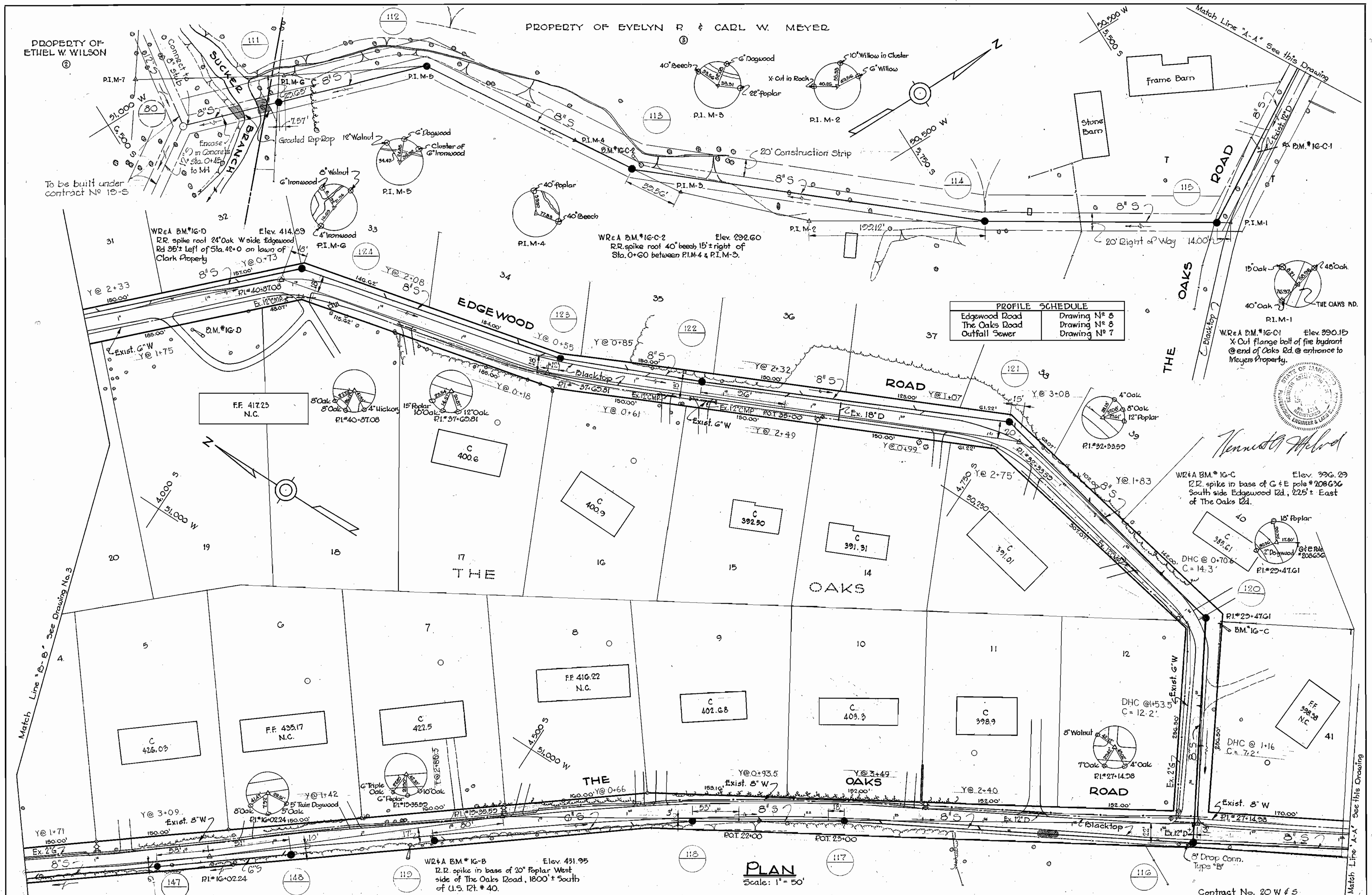
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Dec. 11, 1963 <small>DATE</small>	CONTRACT NO. <u>20-W&S</u>	LOCATION MAP	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. <u>1</u> OF <u>9</u>	SCALE AS SHOWN
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W. O. 4917-2

15 DEC. 65

WS 20 WS / 1

WS 20W-5/2

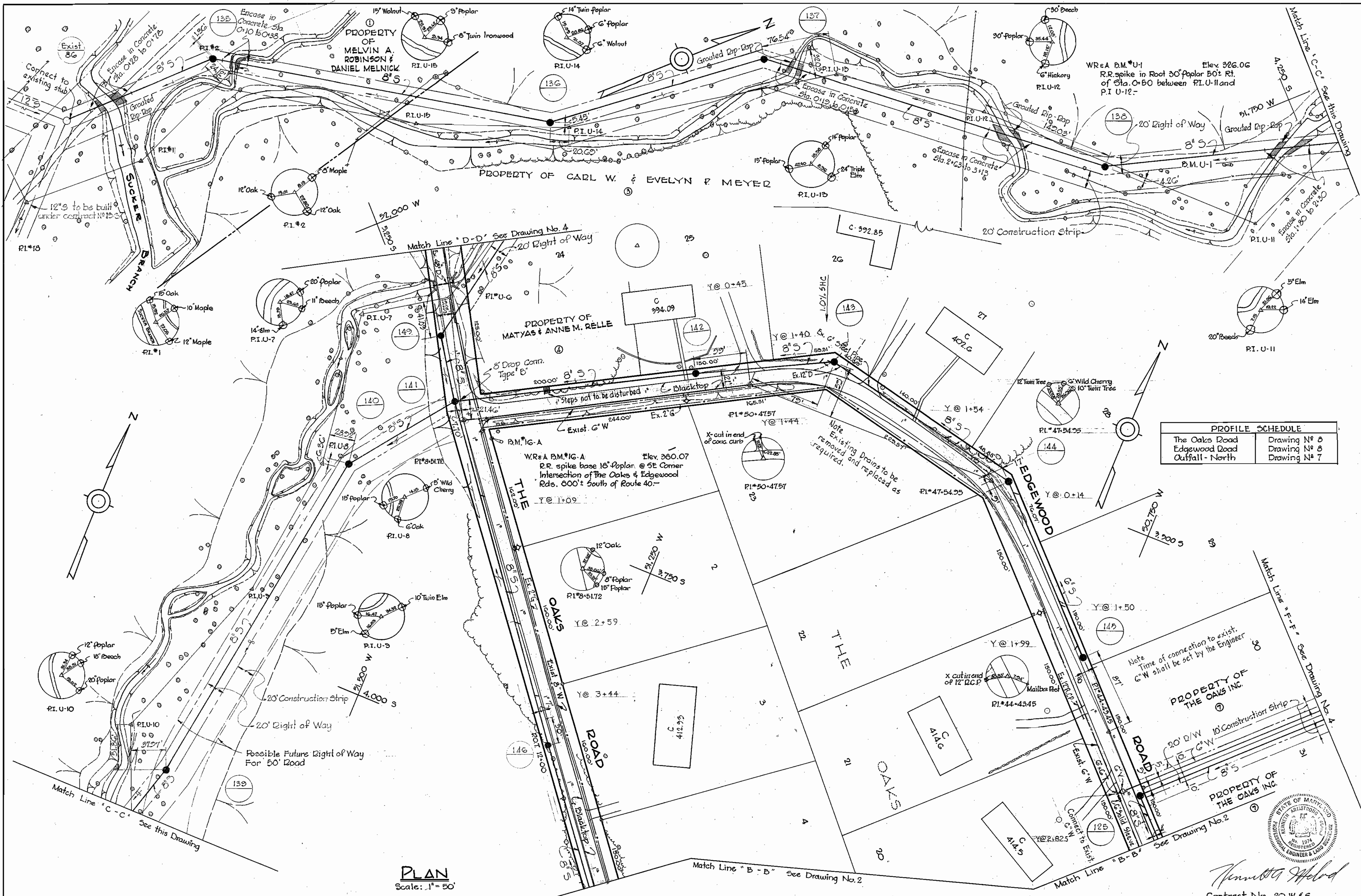


PLAN
Scale: 1" = 50'

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: Dec. 11, 1963 CHIEF ENGINEER	CONTRACT NO. 20 W&S	PLAN OF SEWER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 2 OF 9	SCALE 1" = 50' FEB 25 09 2912
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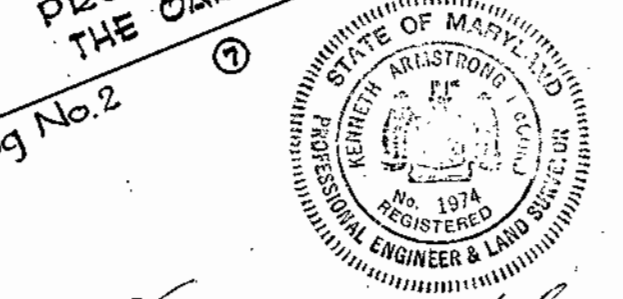
4917-2

AS BUILT 15 DEC. 65

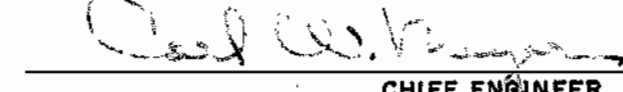


PROFILE SCHEDULE	
The Oaks Road	Drawing No. 8
Edgewood Road	Drawing No. 8
Outfall - North	Drawing No. 7

PLAN
Scale: 1" = 50'

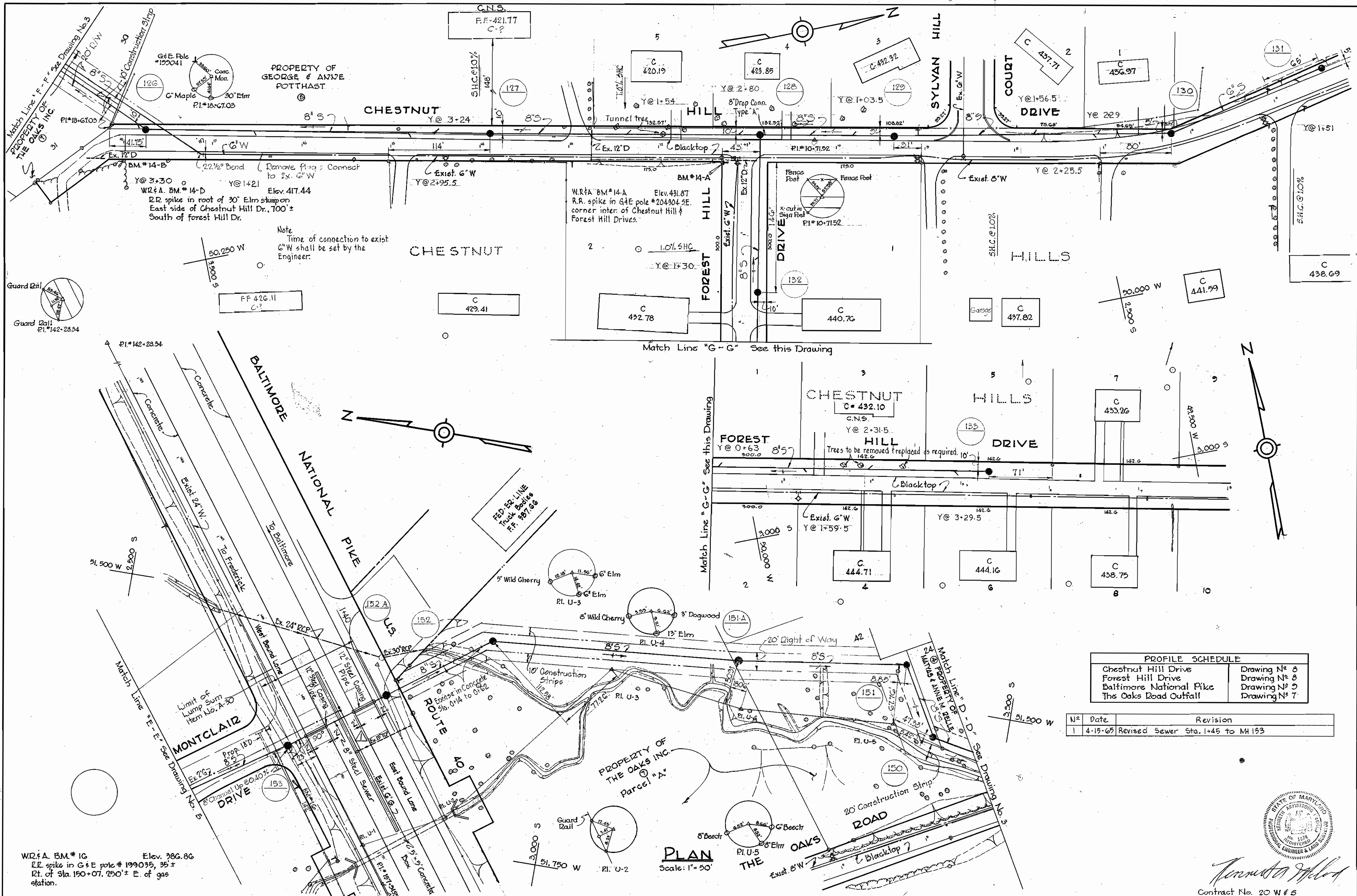


Contract No. 20 W & S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Dec. 11, 1963 DATE  CHIEF ENGINEER	CONTRACT NO. 20 W & S	PLAN OF WATER & SEWER MAINS	ELLICOTT CITY SUB-DISTRICT	<table border="1"> <tr> <td>DRAWING</td> <td>SCALE</td> </tr> <tr> <td>NO. 3</td> <td>1" = 50'</td> </tr> <tr> <td>OF 9</td> <td></td> </tr> </table>	DRAWING	SCALE	NO. 3	1" = 50'	OF 9	
DRAWING	SCALE										
NO. 3	1" = 50'										
OF 9											

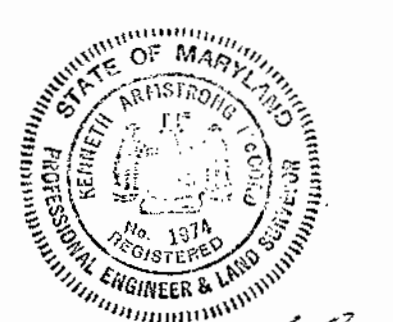
E/S-M02 SM

WS 20 WS/4



PROFILE SCHEDULE	
Chestnut Hill Drive	Drawing No. 8
Forest Hill Drive	Drawing No. 8
Baltimore National Pike	Drawing No. 7
The Oaks Road Outfall	Drawing No. 7

No.	Date	Revision
1	4-15-65	Revised Sewer Sta. 1+45 to MH 153



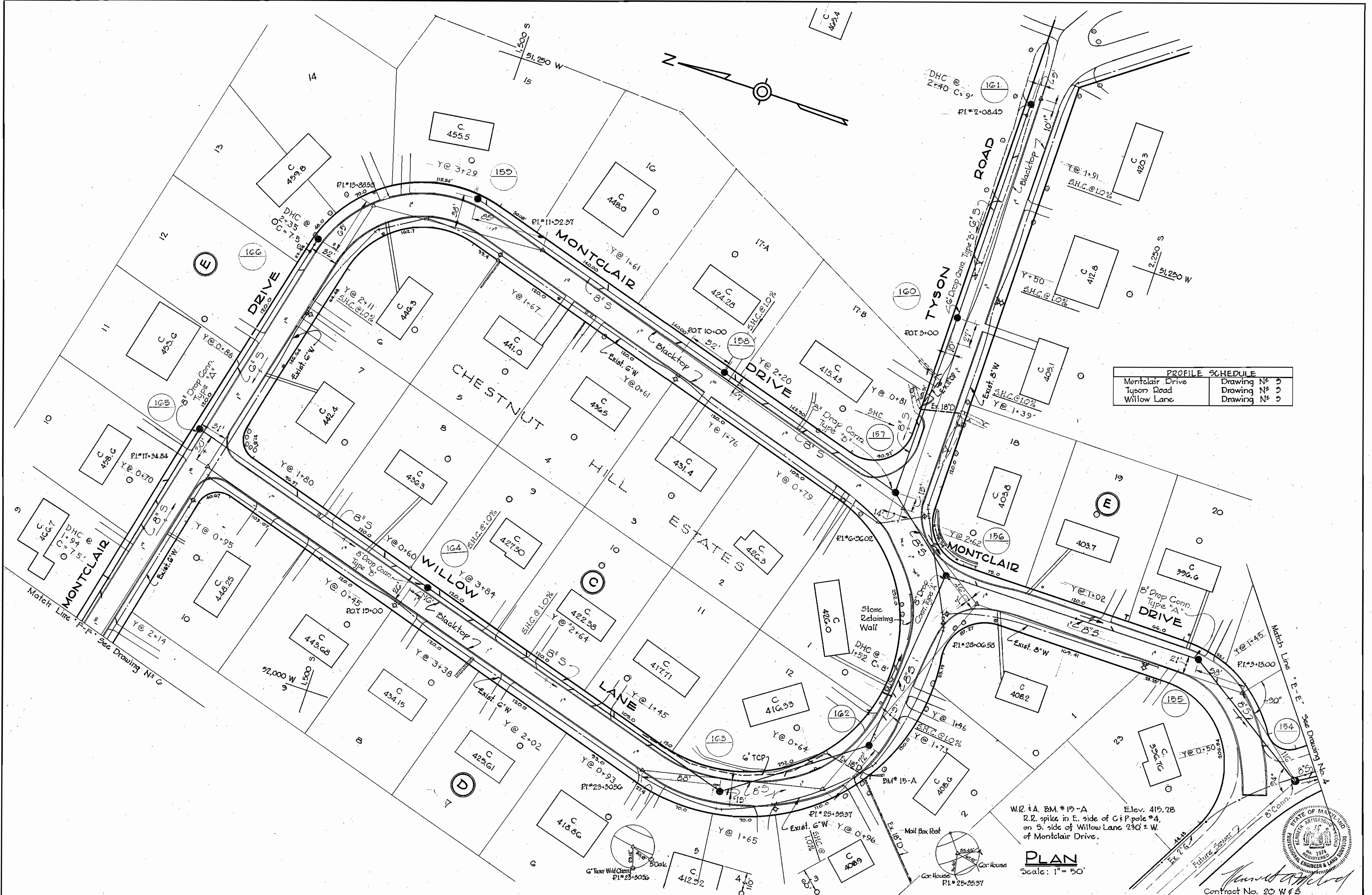
Anniston H. H. H.
Contract No. 20 W & S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: Dec. 11, 1963 CHIEF ENGINEER	CONTRACT NO. 20 W & S	PLAN OF WATER & SEWER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 4 OF 9 SCALE 1" = 50'
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4917-2

AS BUILT 15 DEC. 65

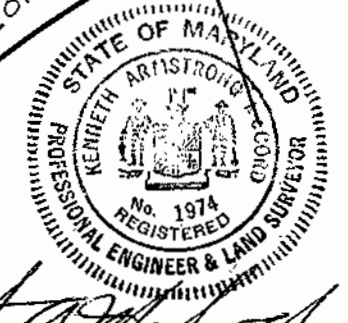
WS 20 W-S/5



PROFILE SCHEDULE	
Montclair Drive	Drawing No. 5
Tyson Road	Drawing No. 5
Willow Lane	Drawing No. 5

W.R. is a B.M. #15-A Elev. 415.28
 R.R. spike in E. side of C+P pole #4,
 on S. side of Willow Lane 290 ± W.
 of Montclair Drive.

PLAN
 Scale: 1" = 50'



Contract No. 20 W 45

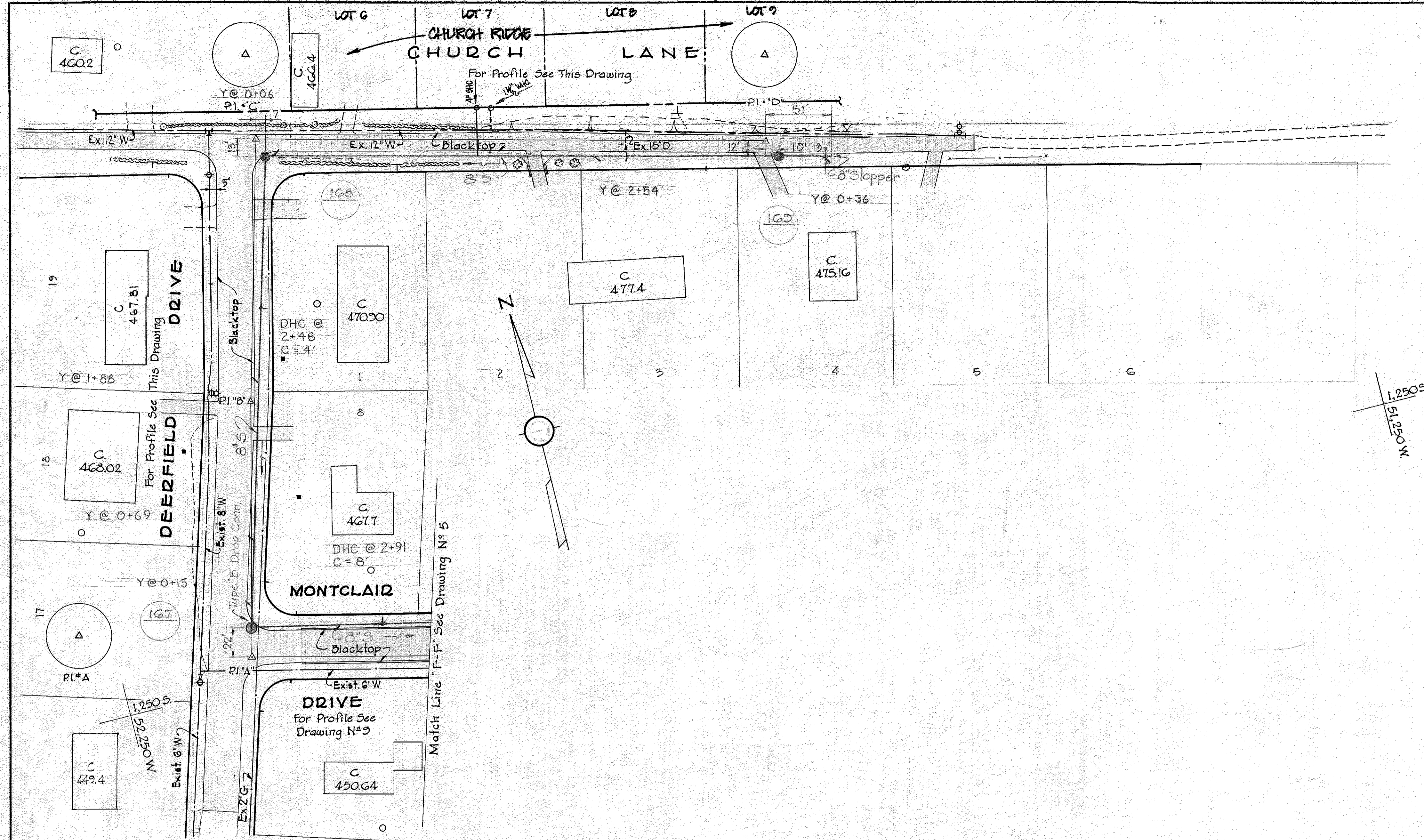
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: Dec. 11, 1963 CHIEF ENGINEER	CONTRACT NO. 20 W & S	PLAN OF SEWER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 5 OF 9 SCALE 1" = 50'
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4917-2

AS BUILT 15 DEC. 65

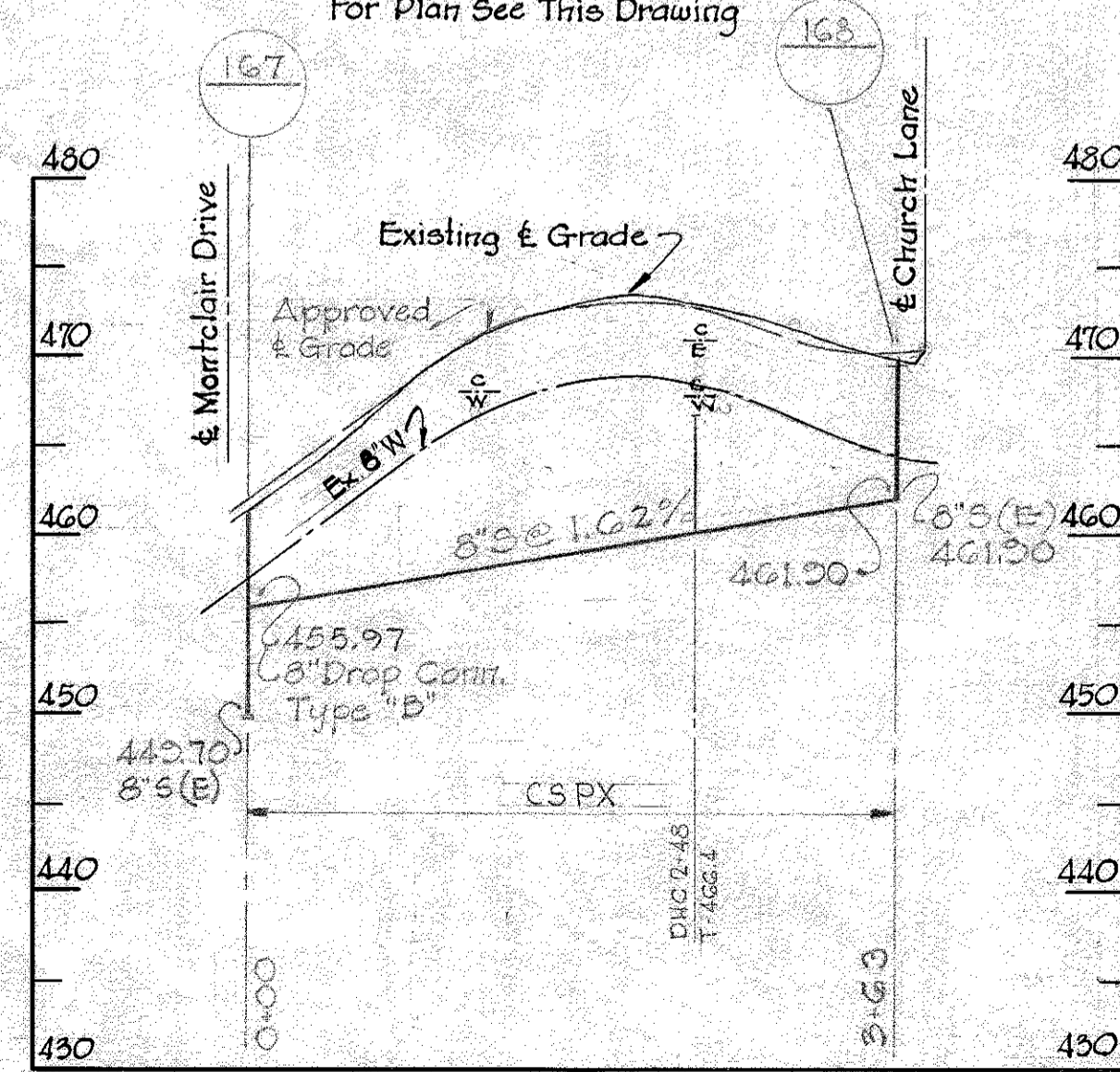
GENERAL NOTES

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. For all standard details see Standards bound in Specifications.
5. All 8" Cast Iron Sewer shall be Class 22 C.I.P.
6. Build all manholes to existing ground or paving unless otherwise noted.
7. All 6" W to be C.I.P. Class 22 and to have a minimum of 3 1/2' cover.
8. Block all fittings with concrete see standard details bound in specifications.
9. Cost for Erosion Checks and Concrete Anchors shall be included in the unit price bid for furnishing and laying cast iron sewer mains.
10. All sewers shall be V.C.P.X., C.S.P.X. or Asbestos Cement Class 2400 unless otherwise noted.
11. Cost of grouted rip rap to be included in the unit price bid for furnishing and laying of sewer mains.
12. Clear all poles by 2'-0" minimum or tunnel as required. Clear all existing utilities by 6' minimum.



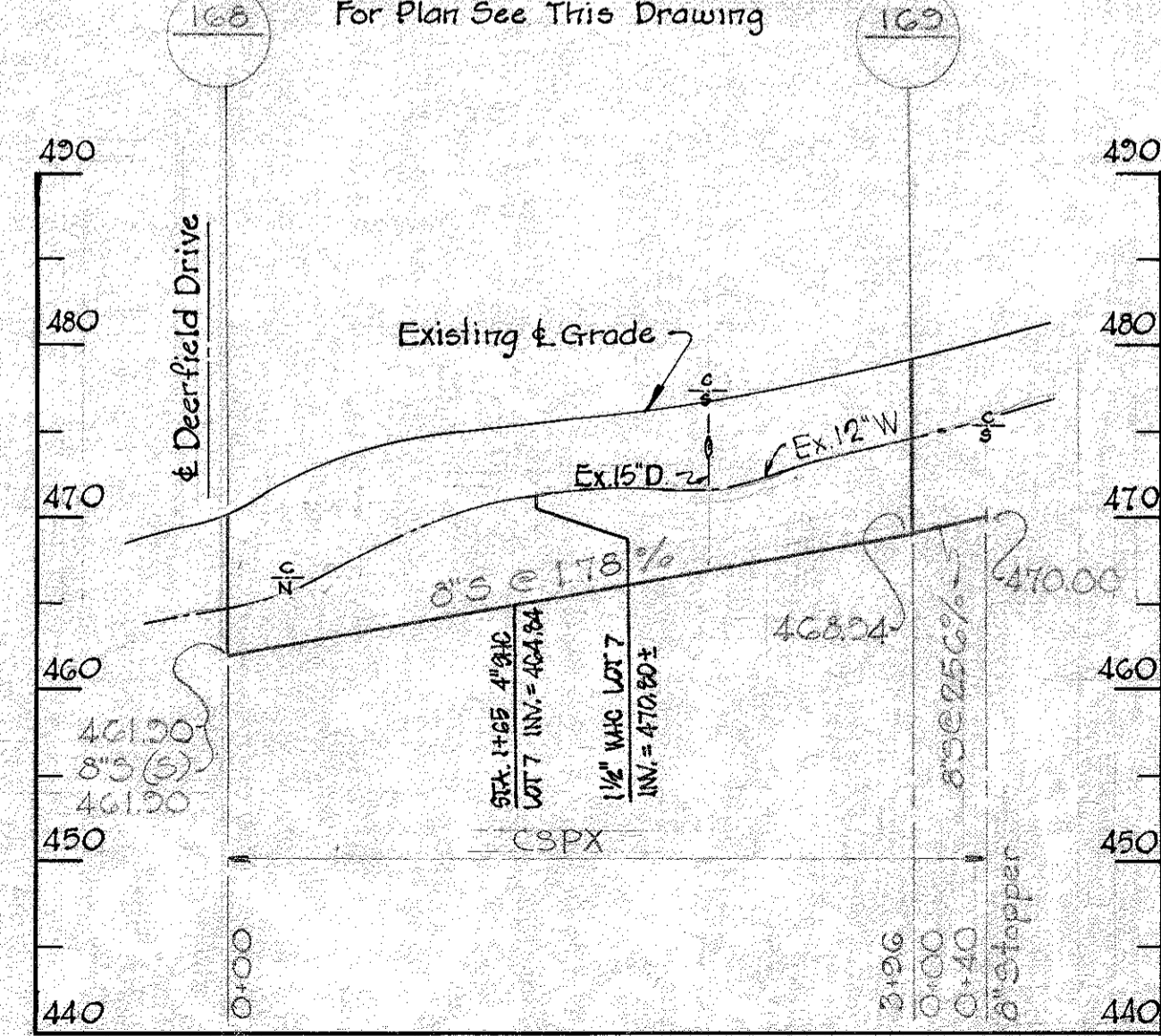
DEERFIELD DRIVE

For Plan See This Drawing



CHURCH LANE

For Plan See This Drawing



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

HOWARD COUNTY METROPOLITAN COMMISSION
Dec. 11, 1963
DATE

CONTRACT NO. 20 W & S

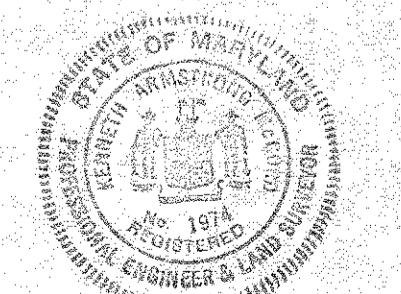
PLAN & PROFILES OF
SEWER MAINS

ELLICOTT CITY SUB-DISTRICT

DRAWING NO. 6 OF 9
SCALE AS SHOWN

Prop. whc
SNC for Lot 7
9/30/66 DK
142 SW 35

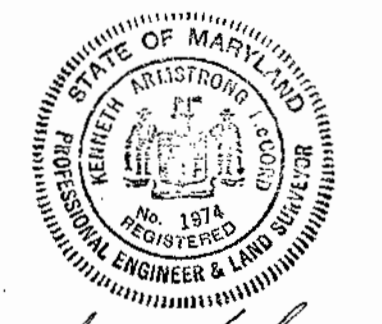
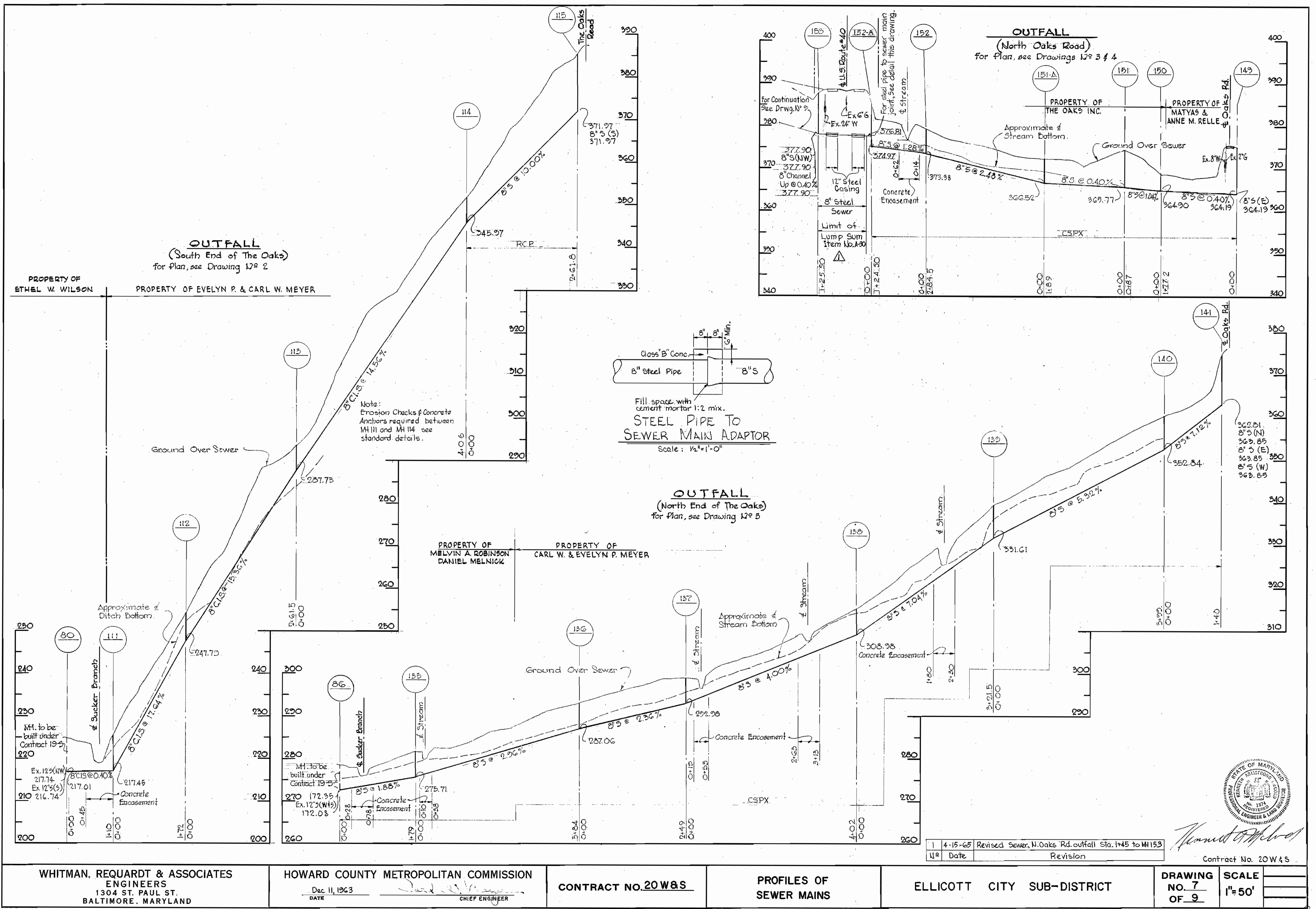
Contract No 20 W & S



Annita M. Wood

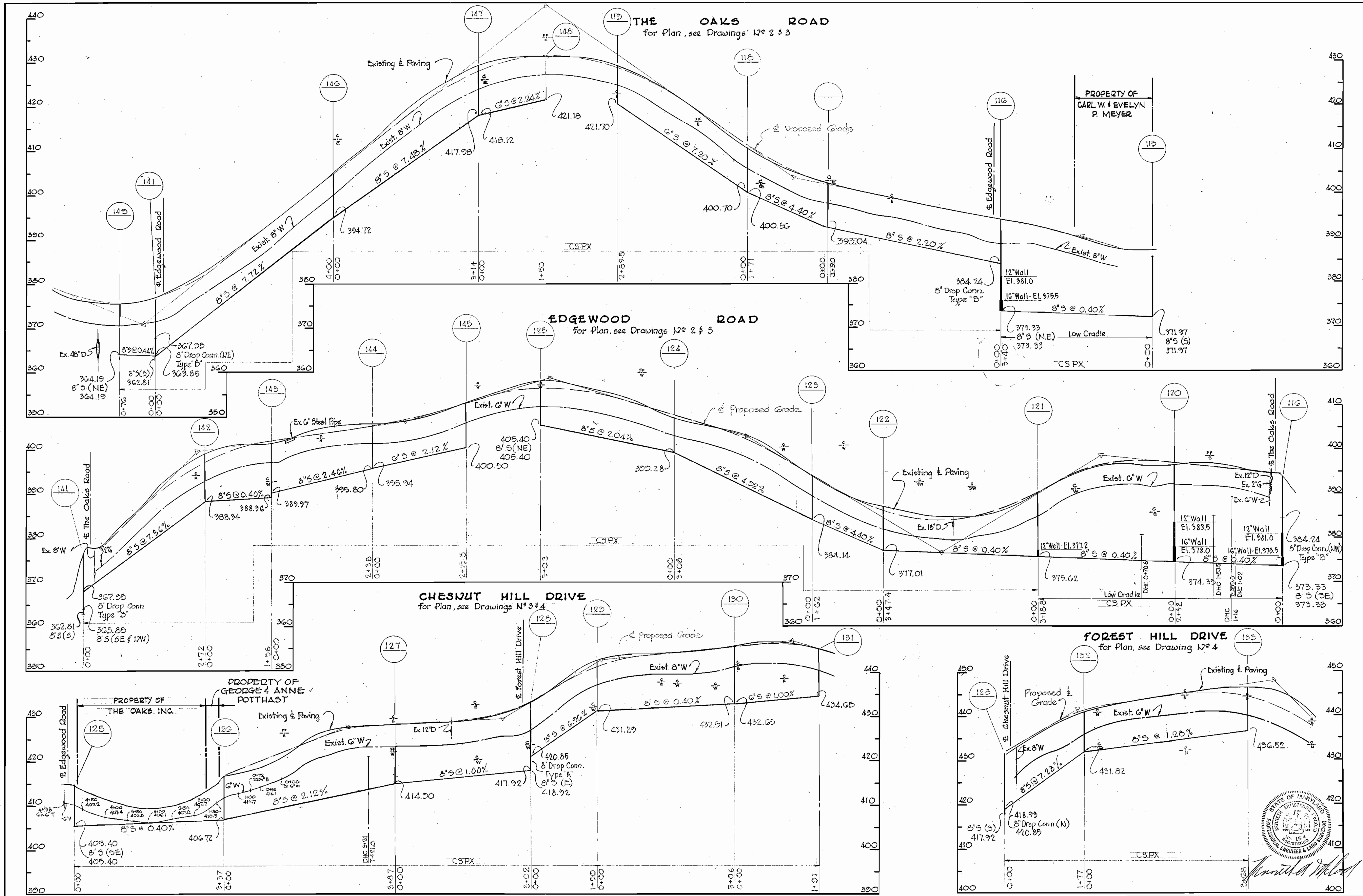
WS 20W-5/6

WS 20W&S/7



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: Dec 11, 1963 CHIEF ENGINEER	CONTRACT NO. 20W&S	PROFILES OF SEWER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 7	SCALE 1" = 50'
					OF 9	CONTRACT NO. 20W&S

WS 20 W-S/8



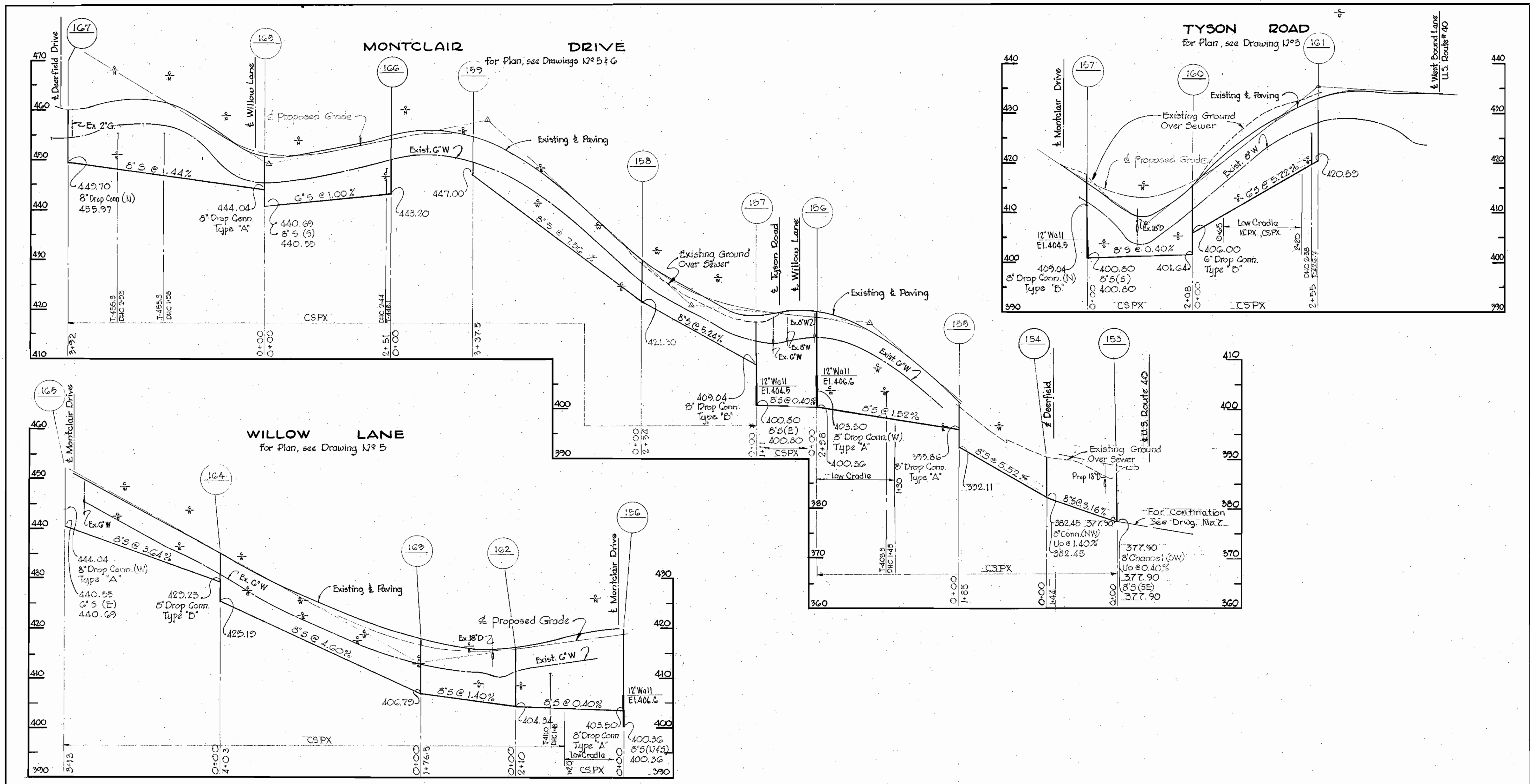
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: Dec 11, 1963 CHIEF ENGINEER	CONTRACT NO. 20 W&S	PROFILES OF WATER & SEWER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 8 OF 9 SCALE: H-1"=100' V-1"=10'
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4917-2 AS BUILT 15 DEC. 65



S.D's have been corrected.

WS 20 W-5 / 9



Handwritten signature

Contract No. 20 W & S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: Dec 11, 1963 CHIEF ENGINEER	CONTRACT NO. 20 W & S	PROFILES OF SEWER MAINS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 9 OF 9 SCALE: H-1"=100' V-1"=10'
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