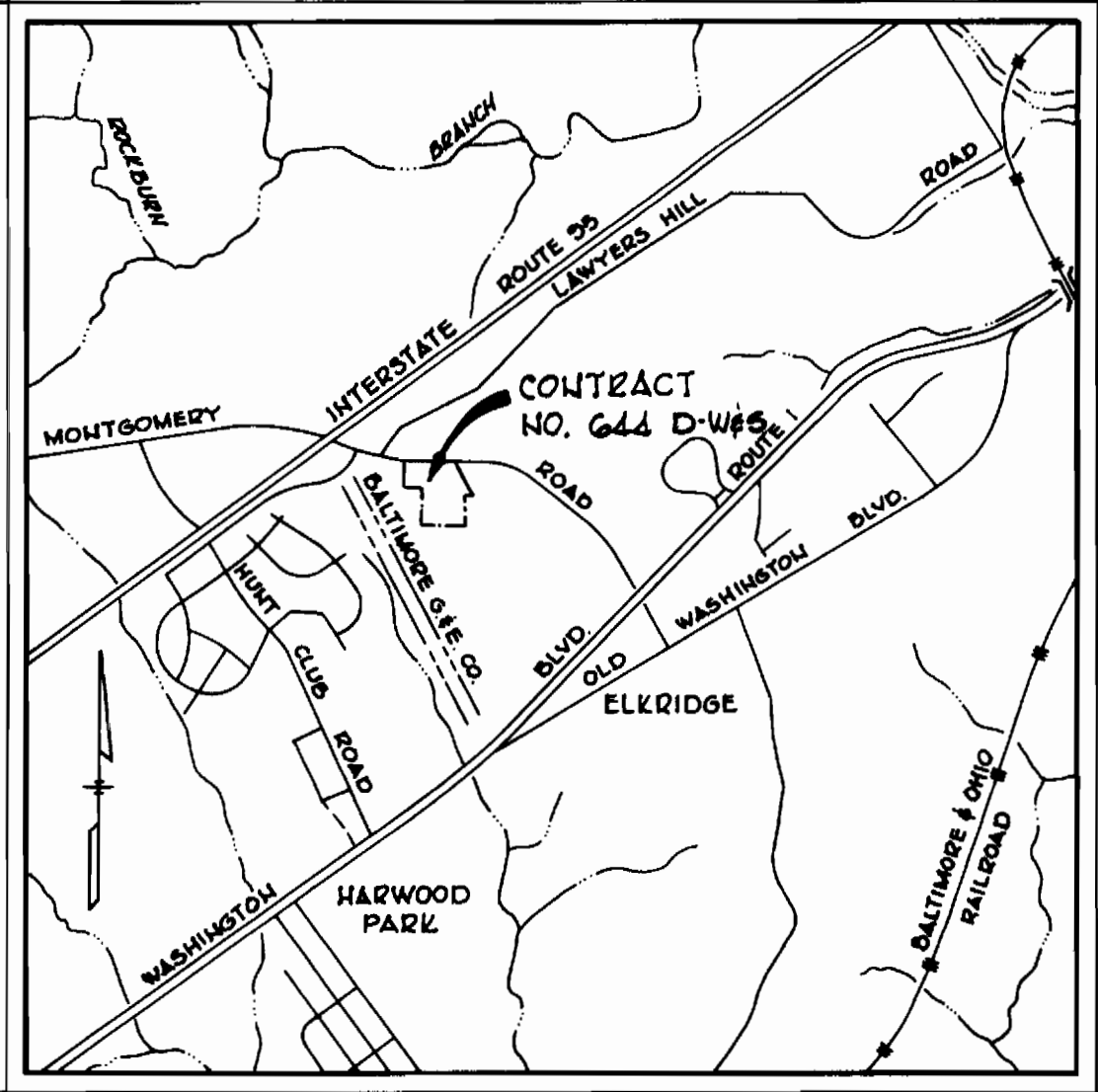


Howard County B.M. #2647007 Elev. 223.084
Concrete monument located on the North side
of 21st St. west of Montgomery Road.

B.M. #W-120 Elev. 252.57
2.2 spike in G.P.E. Pole #577194 on the south
side of Montgomery Road, 300' north-west
of intersection 1-25 and Montgomery Road.



PLAN
Scale: 1"=80'



VICINITY MAP
Scale: 1"=2,000'

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 horizontal and vertical controls are based on Maryland State Datum.
6. Existing ground over & water and/or sewer was taken from contour map by Galt, McCune & Walker Inc.
7. All manholes to be 4'-0" inside diameter.
8. The Contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
9. All water mains to have a minimum of 3 1/2' cover unless otherwise noted.
10. Block all fittings with concrete, see standards bound in Specifications.
11. Bury Line elevations on fire hydrants shall be set to elevations shown on drawings.
12. All fire hydrants shall be strapped and buttressed in accordance with standard details. Soil around the fire hydrant to be compacted in accordance with Section 9-15 of the Standard Specifications.
13. Cost of strapping fire hydrants and valves shall be included in unit price bid for erecting and laying of water mains.
14. All W.H.C. shall be 1' diameter unless otherwise noted.
15. Water services shall be for inside meter settings. See Standard Detail.

QUANTITIES	
ITEM	QUANTITY
8" Sewer main	1690 LF
8" Water main	1410 LF
8" Water main	760 LF
Fire Hydrants	3



Kenneth A. McLeod
REGISTERED ENGINEER

Montgomery Woods
Section 1, Parcel B
Contract No. 644 D-W&S

Revised C. Elev. Bids. 6, 7, 8, 16, 17, 18, 19
Revised Elev. on W. 5, 6, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
Added Buttress Note to G.P. - Rev. Bury Line Elev. & F.H.C.
4-27-76
No. Date REVISION

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
11-6-75
DATE
W.O. Wood
CHIEF BUREAU OF ENGINEERING

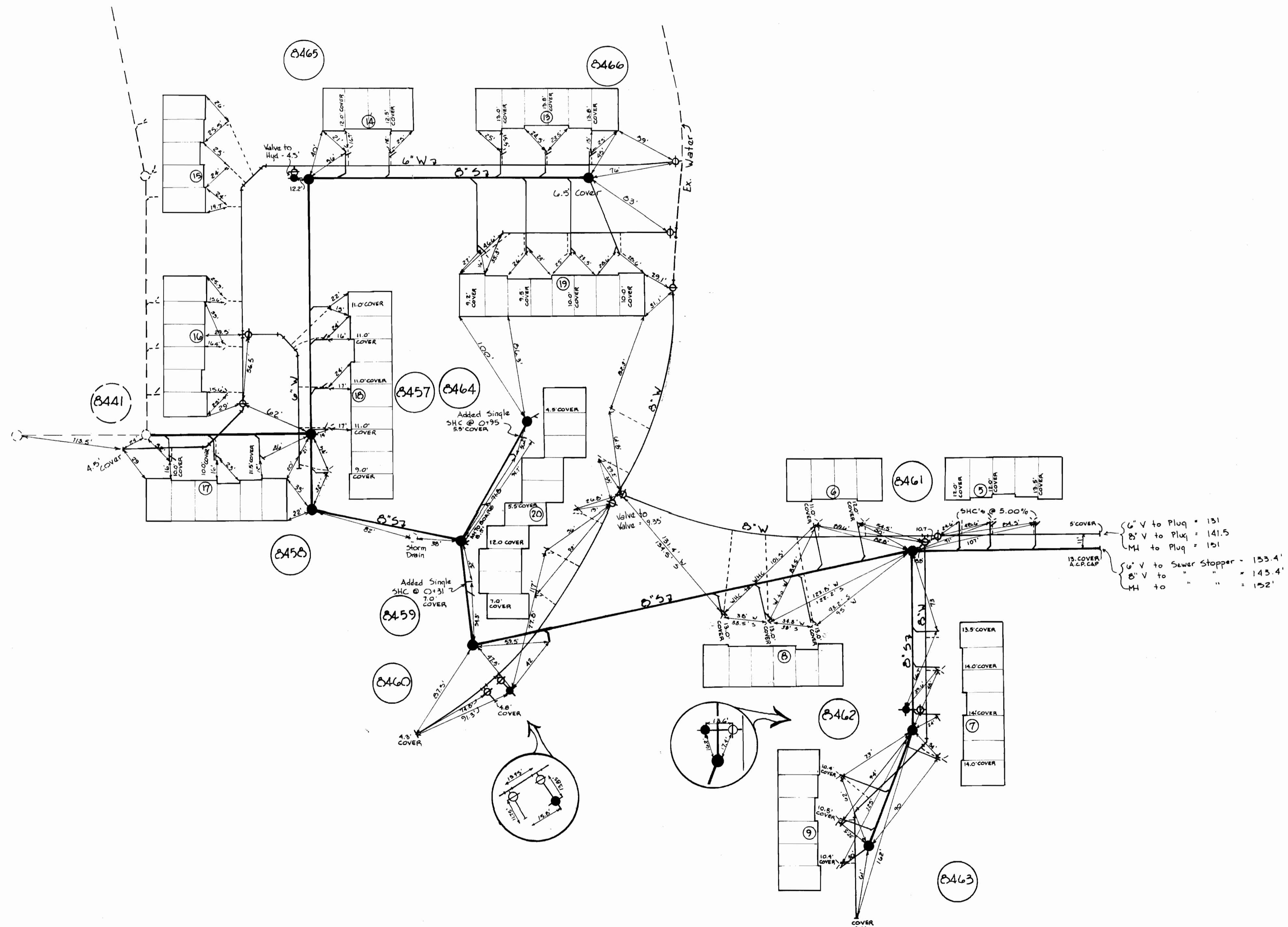
CONTRACT NO. 644D-W&S

PLAN OF
WATER AND SEWER MAINS

MONTGOMERY WOODS
ELECTION DISTRICT ELKRIDGE NO. 1

DRAWING
NO. 1
OF 2

SCALE
AS
SHOWN



6" V to Plug = 131'
 8" V to Plug = 141.5'
 MH to Plug = 151'
 6" V to Sewer Stopper = 133.4'
 8" V to " = 145.4'
 MH to " = 152'

Note: All SEWER → JOHN'S - MANVILLE 2400 ACP.
 All WATER MAIN → JOHN'S - MANVILLE 200 ACP.
 PRECAST A-LOK MH'S

FOR FURTHER AS-BUILT INFO. SEE FILE COPY.

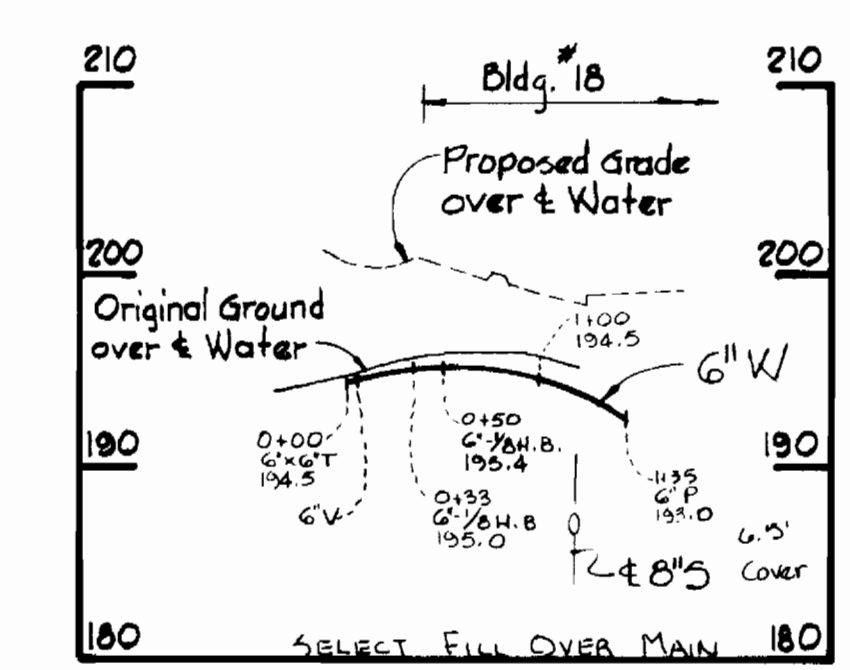
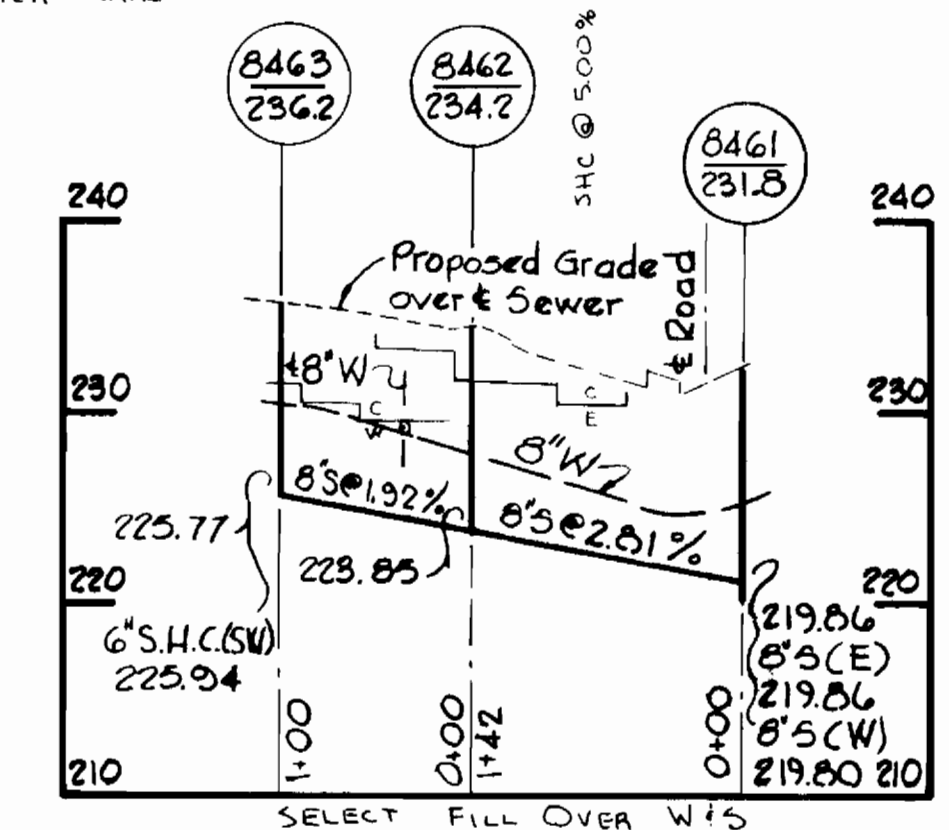
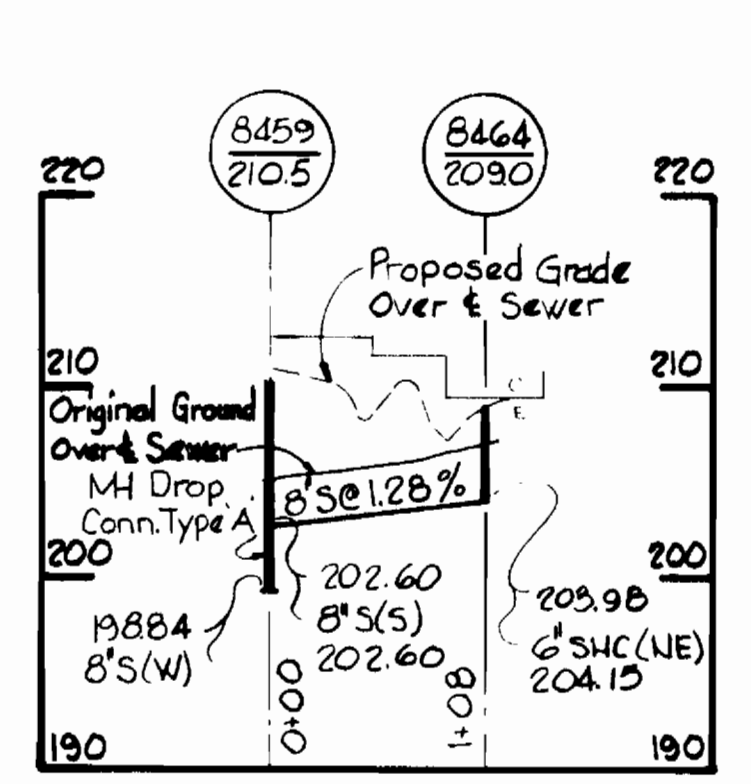
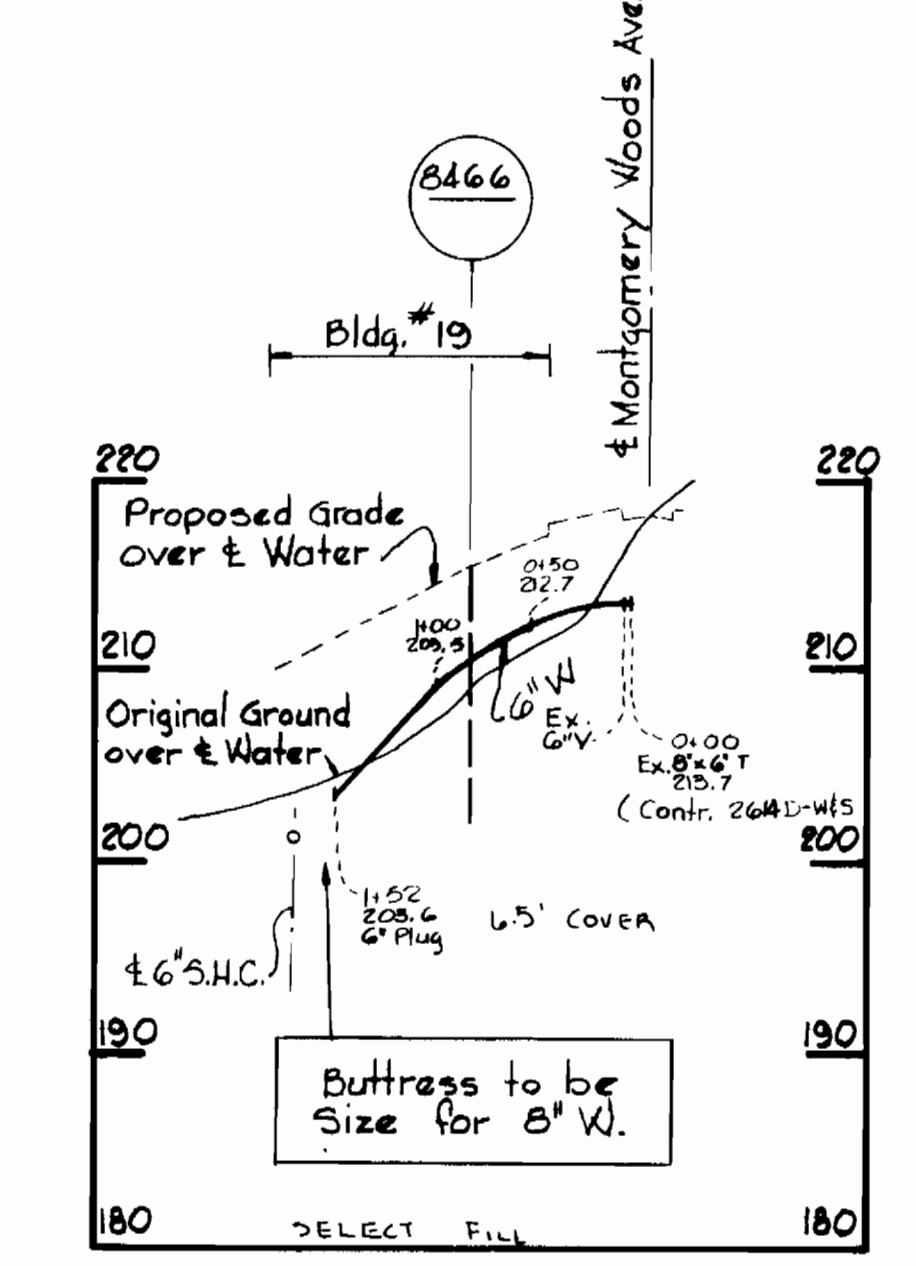
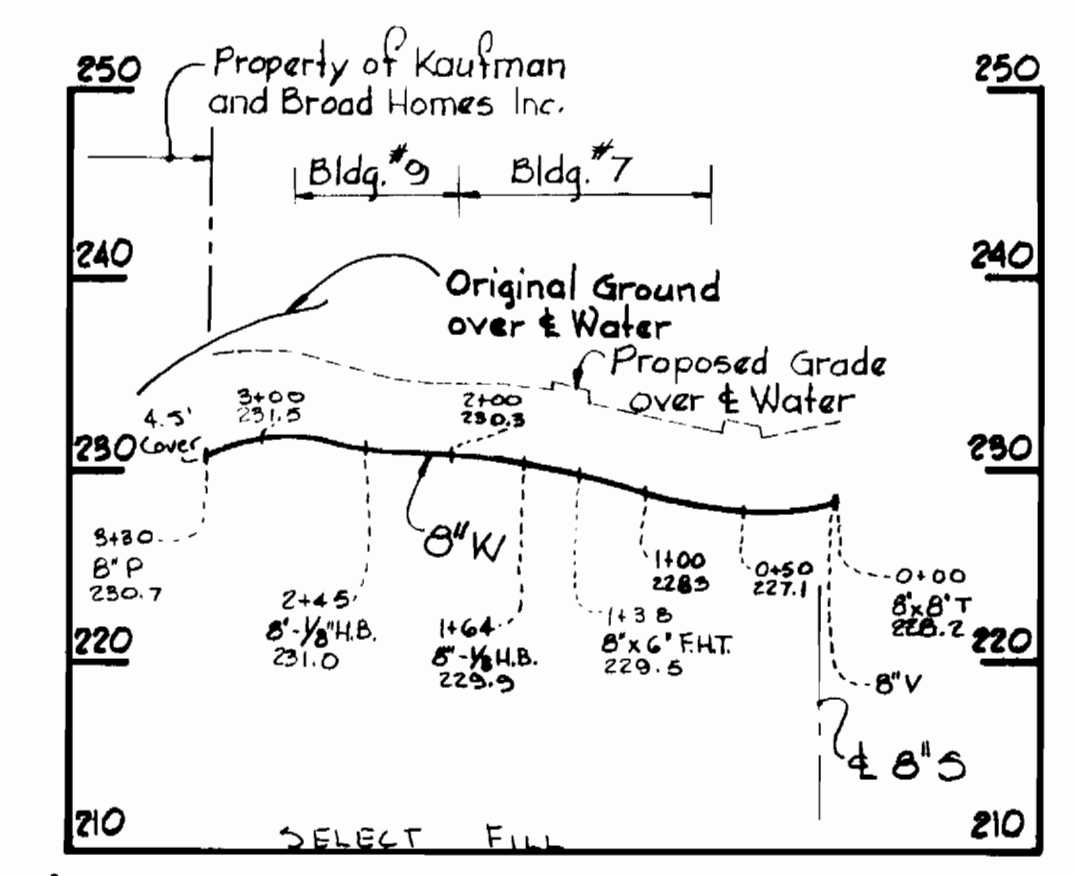
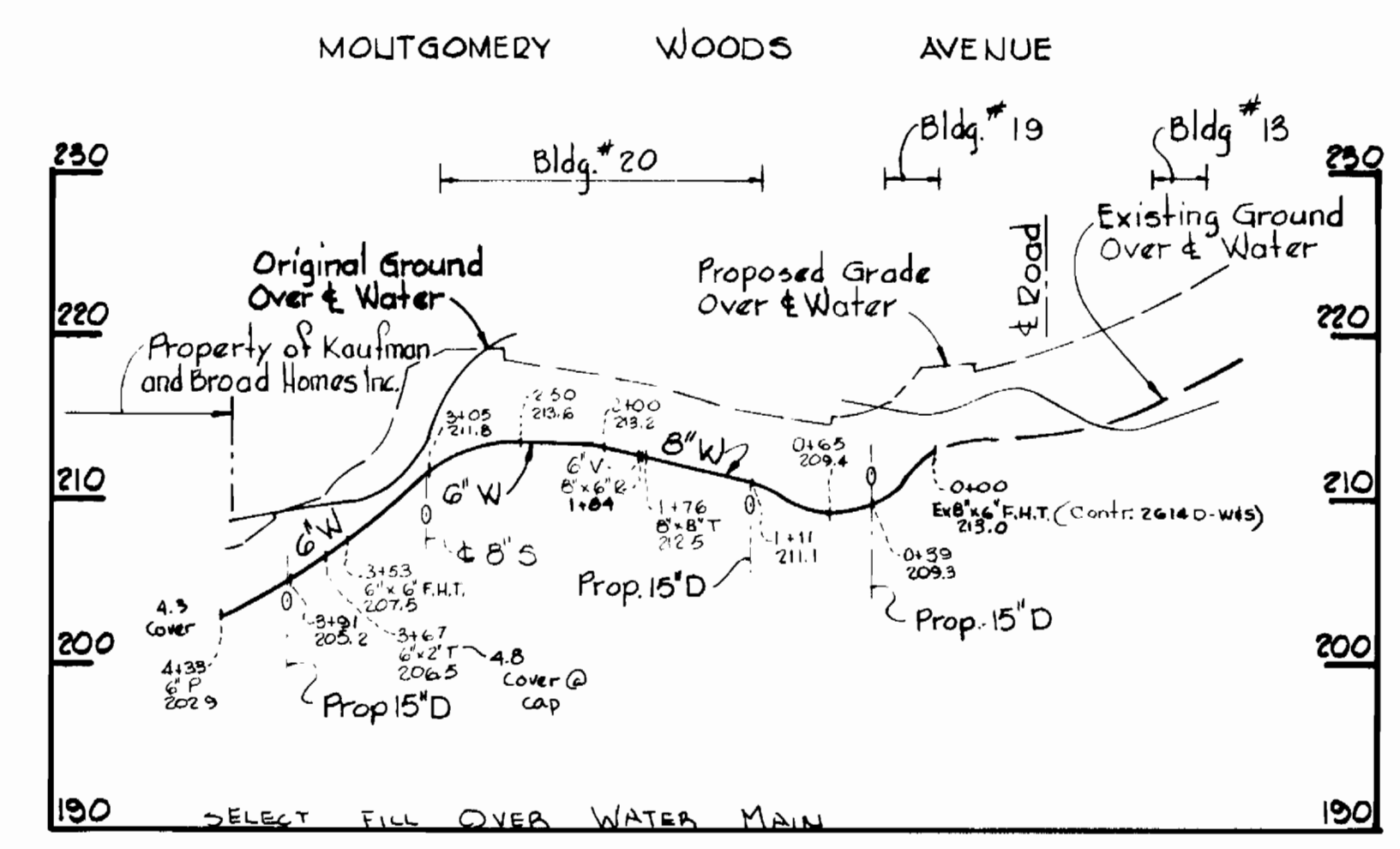
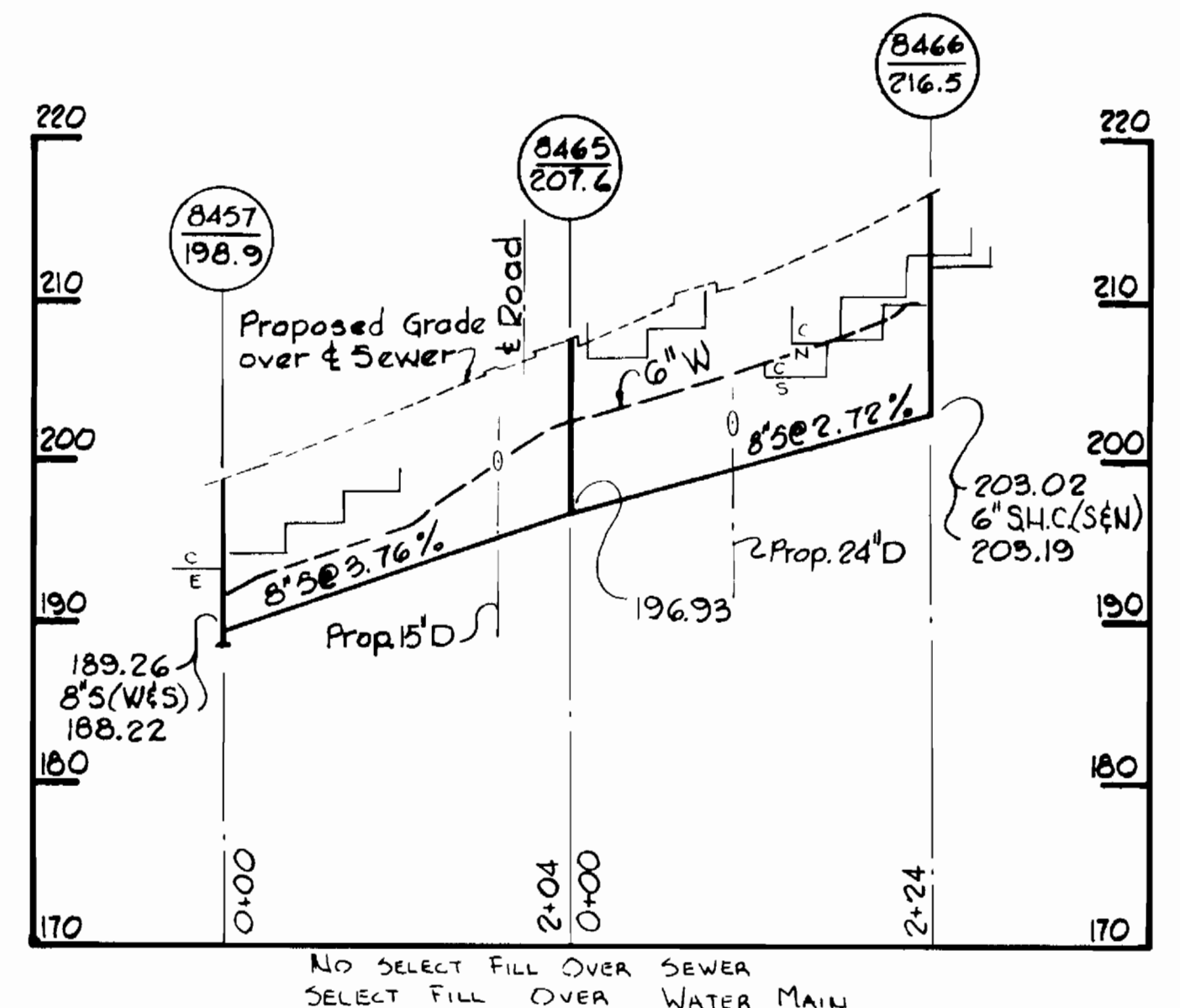
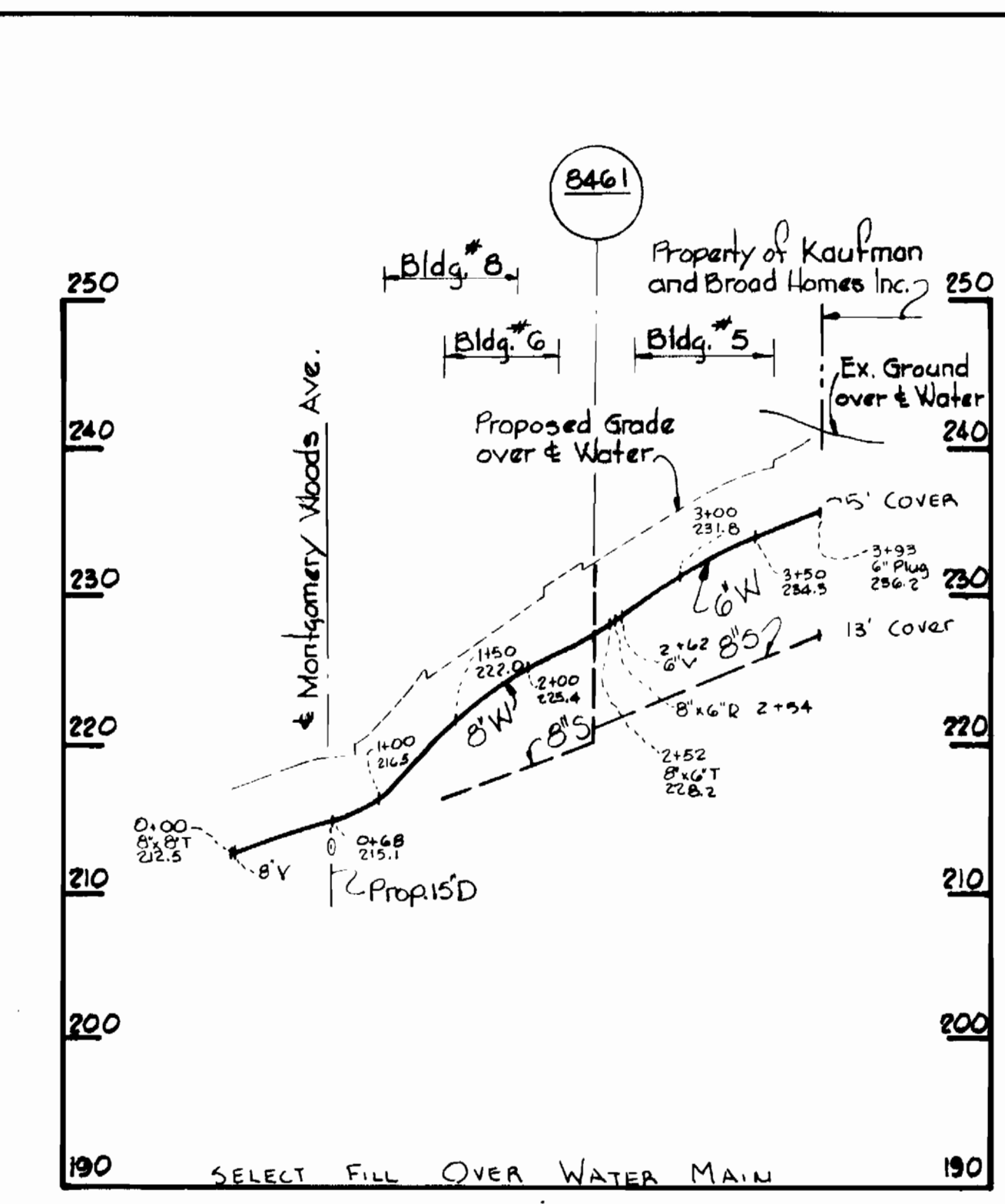
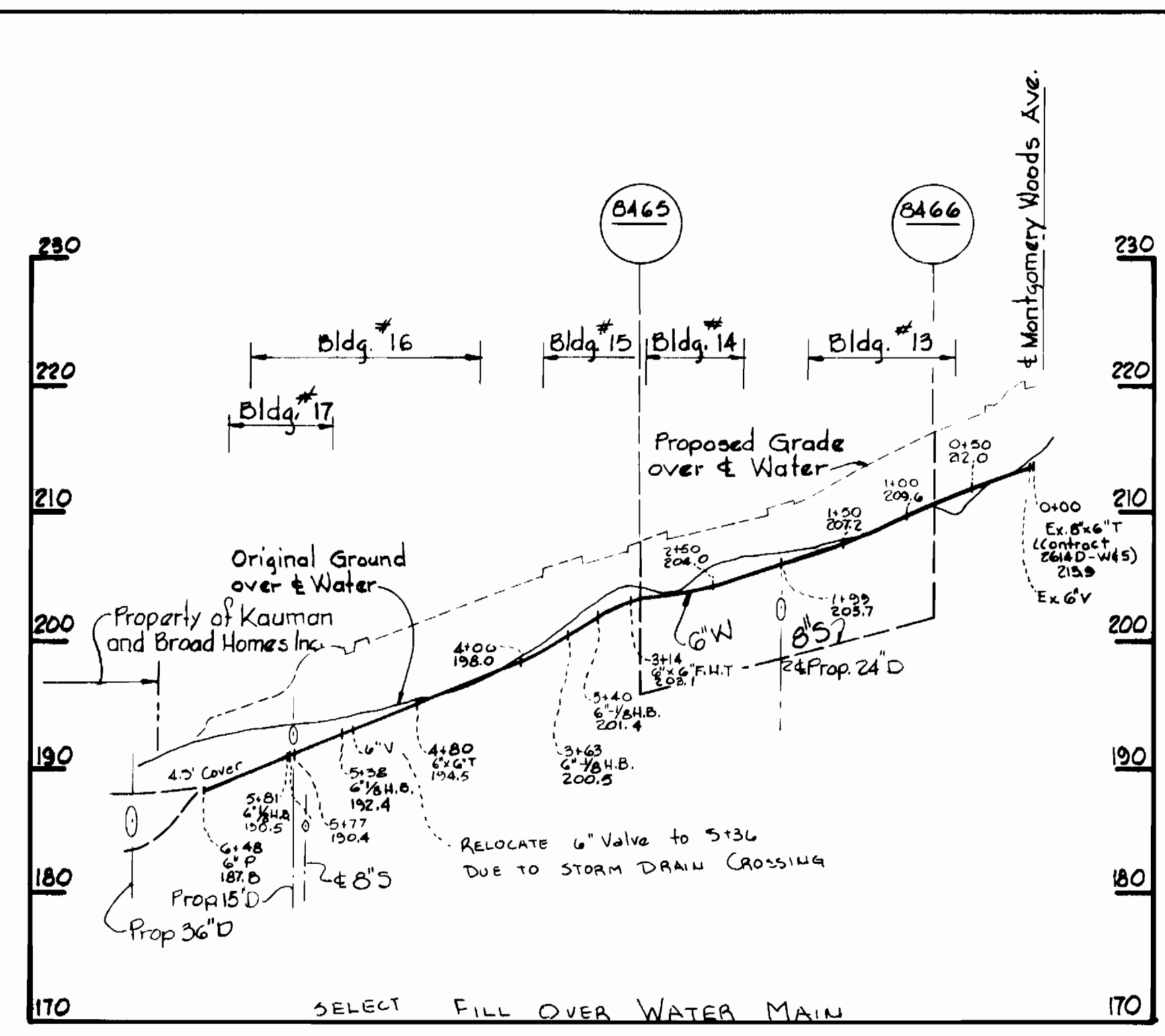
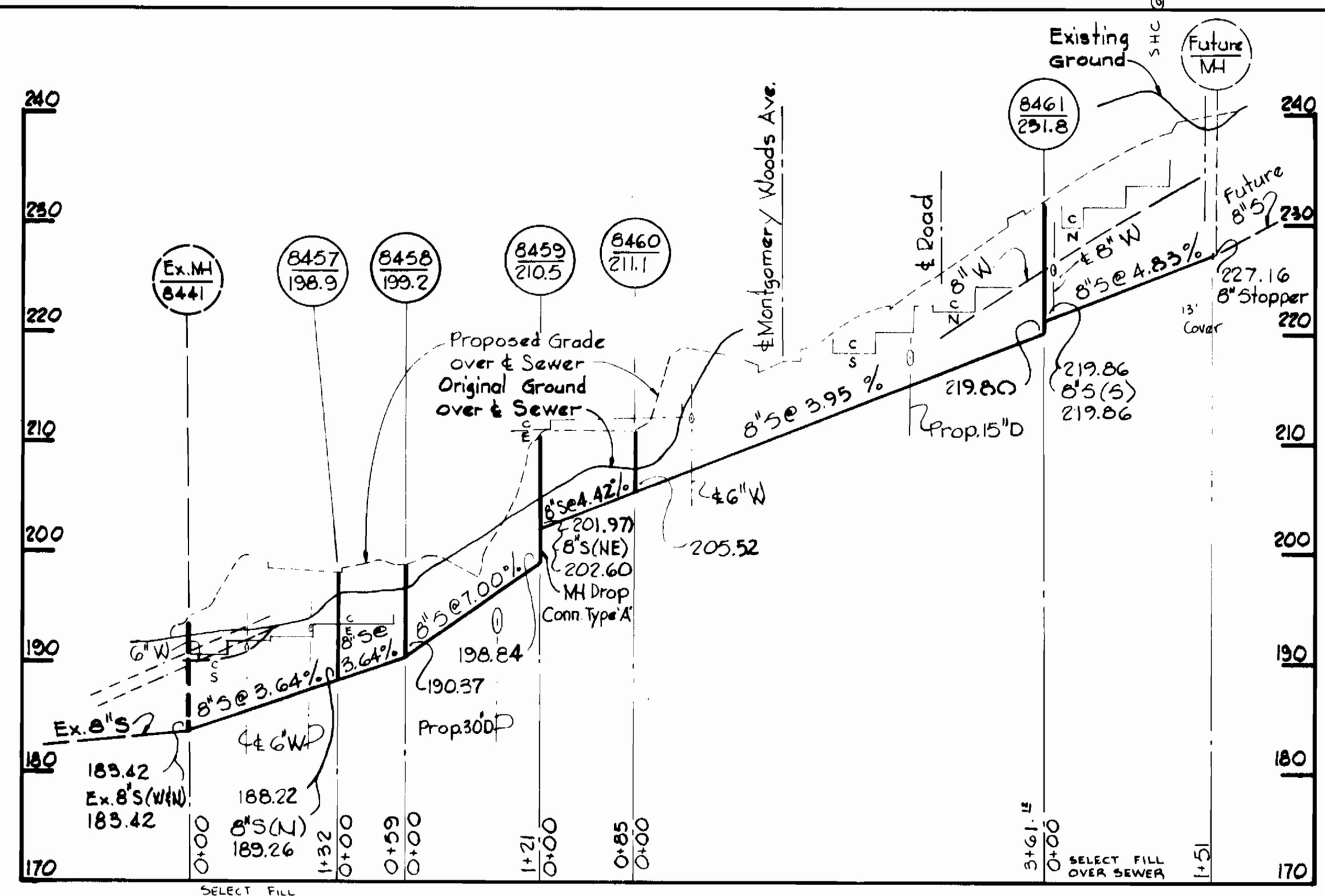
WS 644 W-5/1-A

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE _____ CHIEF-BUREAU OF WATER AND SEWER		CONTRACT NO. <u>644 D-WIS</u>	AS-BUILT MEASUREMENTS	DRAWING NO. <u>1A</u> OF <u>2</u>	SCALE 1" = 50' Drwn: JH.
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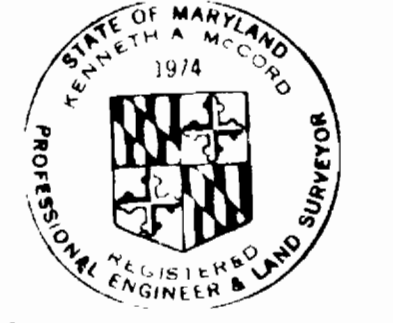
AS-BUILT 8-3-76

WS 644 W-5/2

BRINING 14-510 18392



NOTE: This Drawing - 2 of 2 C-644 D-W-5, dated April 26, 1976 - supersedes Drawing No. 2 of 2 C-644 D-W-5, dated Oct. 17, 1975



Kenneth A. Land

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
P. J. Bagan Jr. 4-26-76
DIRECTOR OF PUBLIC WORKS - DATE

CONTRACT NO. 644D-W-5

PROFILES OF
WATER AND SEWER MAINS

MONTGOMERY WOODS
ELECTION DISTRICT ELKRIDGE NO. 1

DRAWING NO. 2 OF 2
SCALE H: 1"=100' V: 1"=10'

W. O. 6957-2

APR 26 1976

APRIL 26, 1976