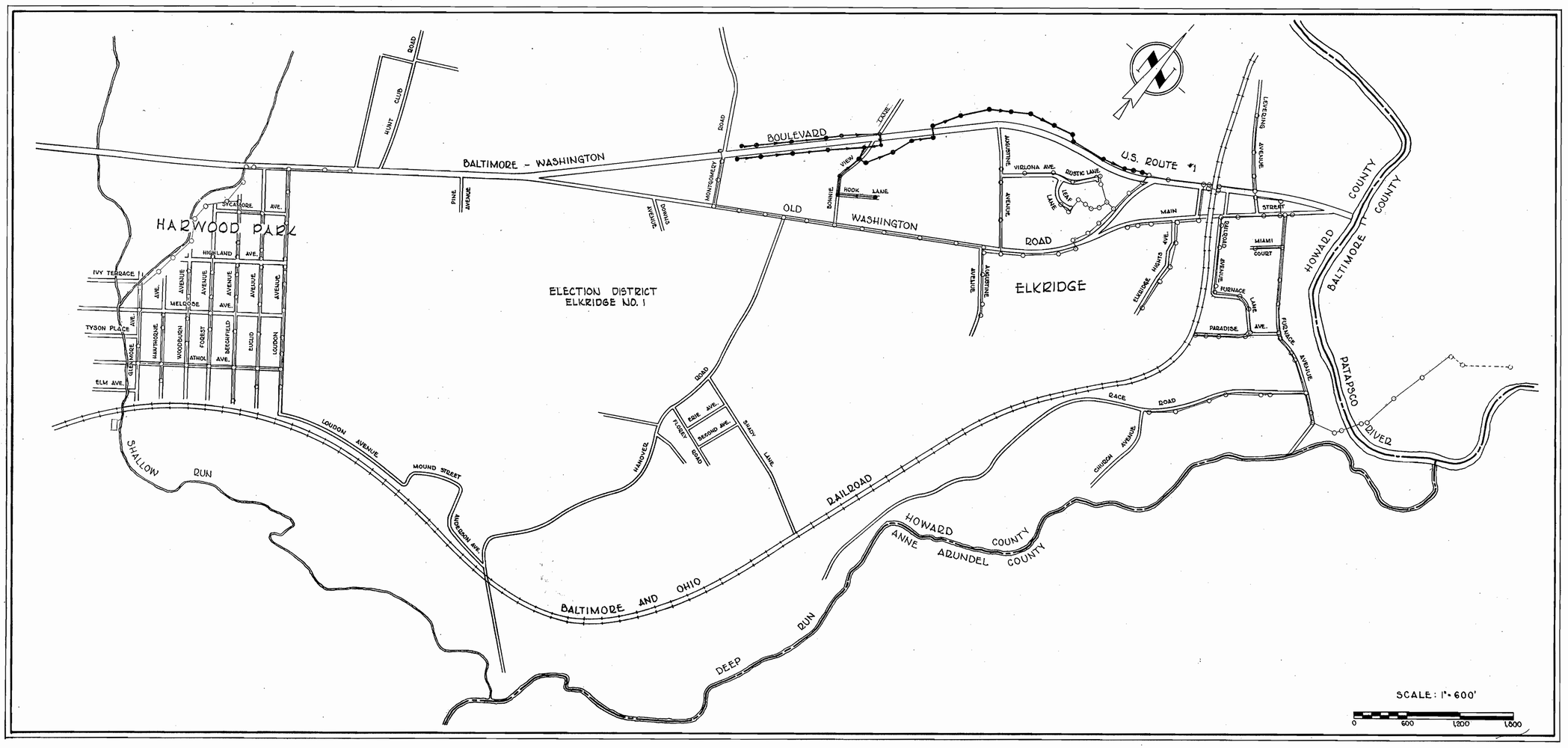


CONTRACT 86 S

SEWER MAIN EXTENSIONS

HOWARD COUNTY METROPOLITAN COMMISSION

HOWARD COUNTY, MARYLAND

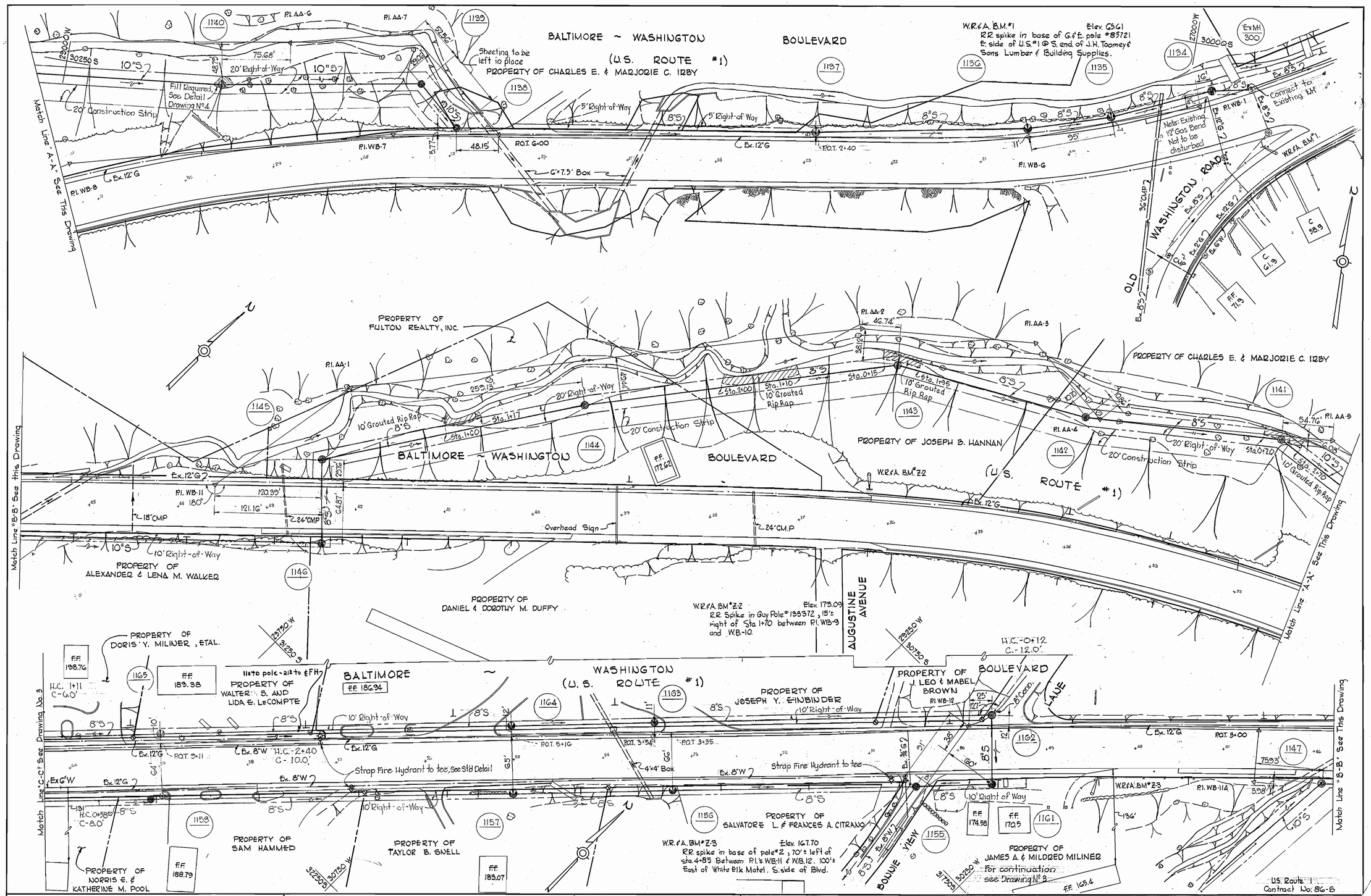
Contract № 86-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION 21 Sept. 1964 (DATE) — W O Filbert (CHIEF ENGINEER)	CONTRACT NO. 86-S	LOCATION MAP	ELECTION DISTRICT ELKRIDGE NO. 1	DRAWING NO. 1 OF 4	SCALE AS SHOWN

W. O. 4929-2

AS BUILT AUG 22, '67

WS 86 S/1

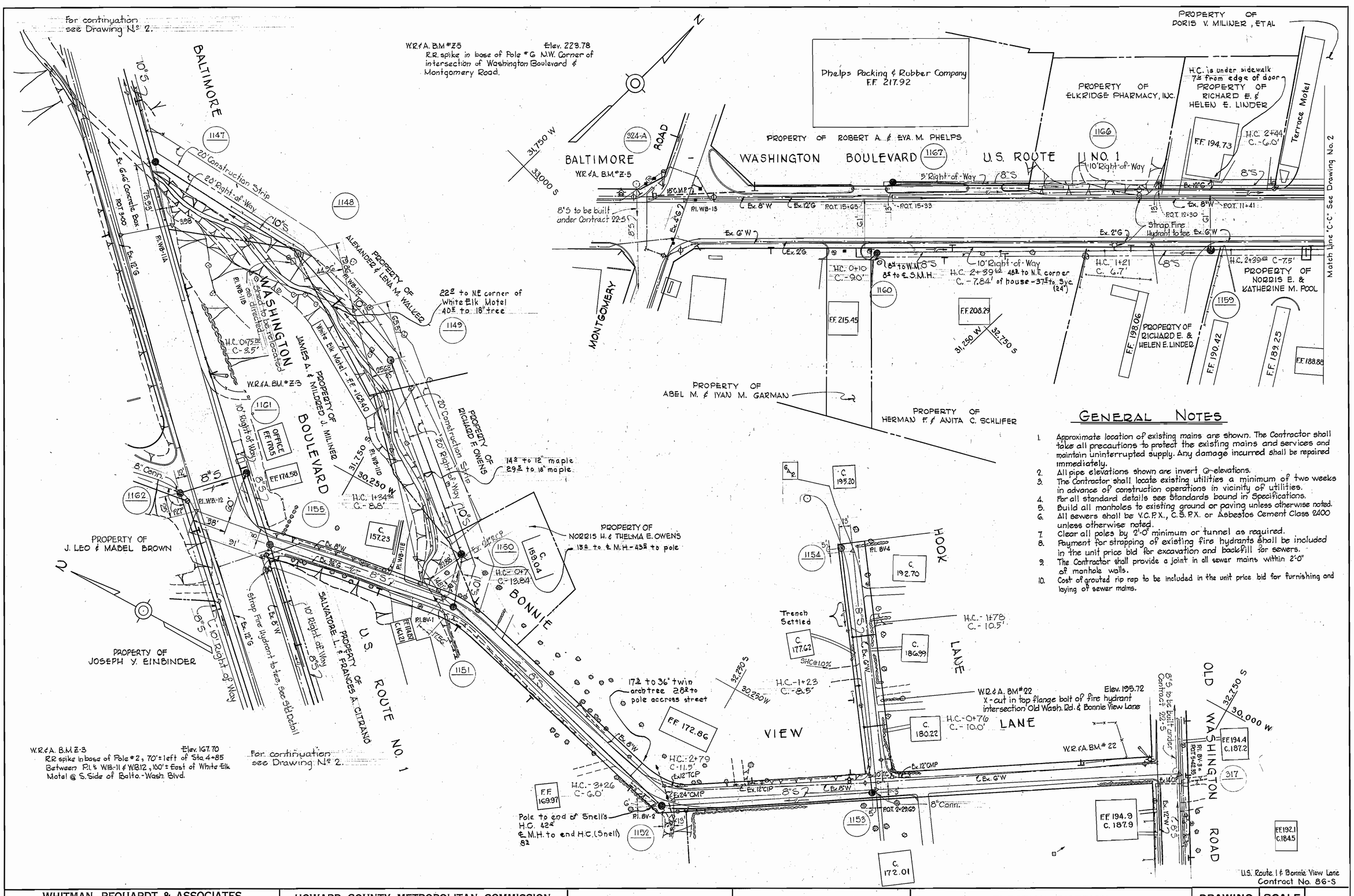


WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION 9-2-66 DATE — CHIEF ENGINEER	CONTRACT NO. 86-S	PLAN OF SEWER MAINS	ELECTION DISTRICT ELKRIDGE NO. 1	DRAWING NO. 2 OF 4	SCALE 1"=50'

W. O. 4929-2

AS BUILT AUG 22, '67

W S 86 S/2



GENERAL NOTES

1. Approximate location of existing mains are shown. The Contractor shall take all 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. Build all manholes to existing ground or paving unless otherwise noted.
6. All sewers shall be V.C.P.X., C.S.P.X. or Asbestos Cement Class 2400 unless otherwise noted.
7. Clear all poles by 2'-0" minimum or tunnel as required.
8. Payment for strapping of existing fire hydrants shall be included in the unit price bid for excavation and backfill for sewers.
9. The Contractor shall provide a joint in all sewer mains within 2'-0" of manhole walls.
10. Cost of grouted rip rap to be included in the unit price bid for furnishing and laying of sewer mains.

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION 9-2-66 DATE — W O Talbert CHIEF ENGINEER	CONTRACT NO. 86-S	PLAN OF SEWER MAINS	ELECTION DISTRICT ELKRIDGE NO. 1	DRAWING NO. 3 OF 4	SCALE 1" = 50'

W. O. 4929-2

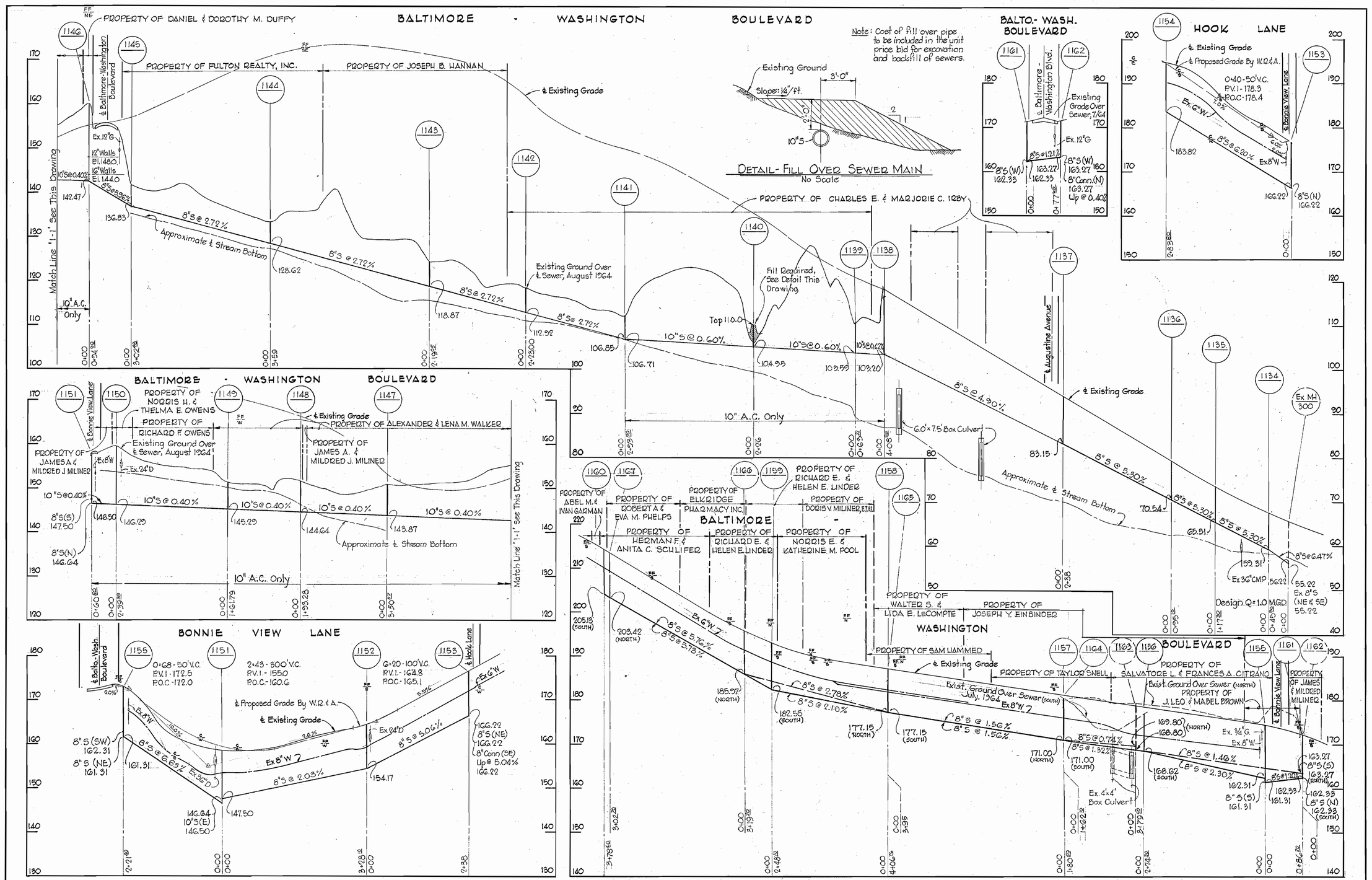
AS BUILT AUG 22, '67

F.B. 2530, 3211, 3212, 3213

33 SW 21, 33 SW 21 & 22, 34 SW 22

WS 86S/3

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



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION 9-2-64 (DATE) — W. O. Filbert (CHIEF ENGINEER)	CONTRACT NO. 86-S	PROFILE OF SEWER MAINS	ELECTION DISTRICT ELKRIDGE NO. 1	DRAWING NO. 4 OF 4	SCALE H: 1"=100' V: 1"=10'

Contract No. 86-S

W. O. 4929-2

AS BUILT AUG 22, '67

WS 86 S/4

U. S. ELLIOTT CO., PGH., PA. REORDER A-26874