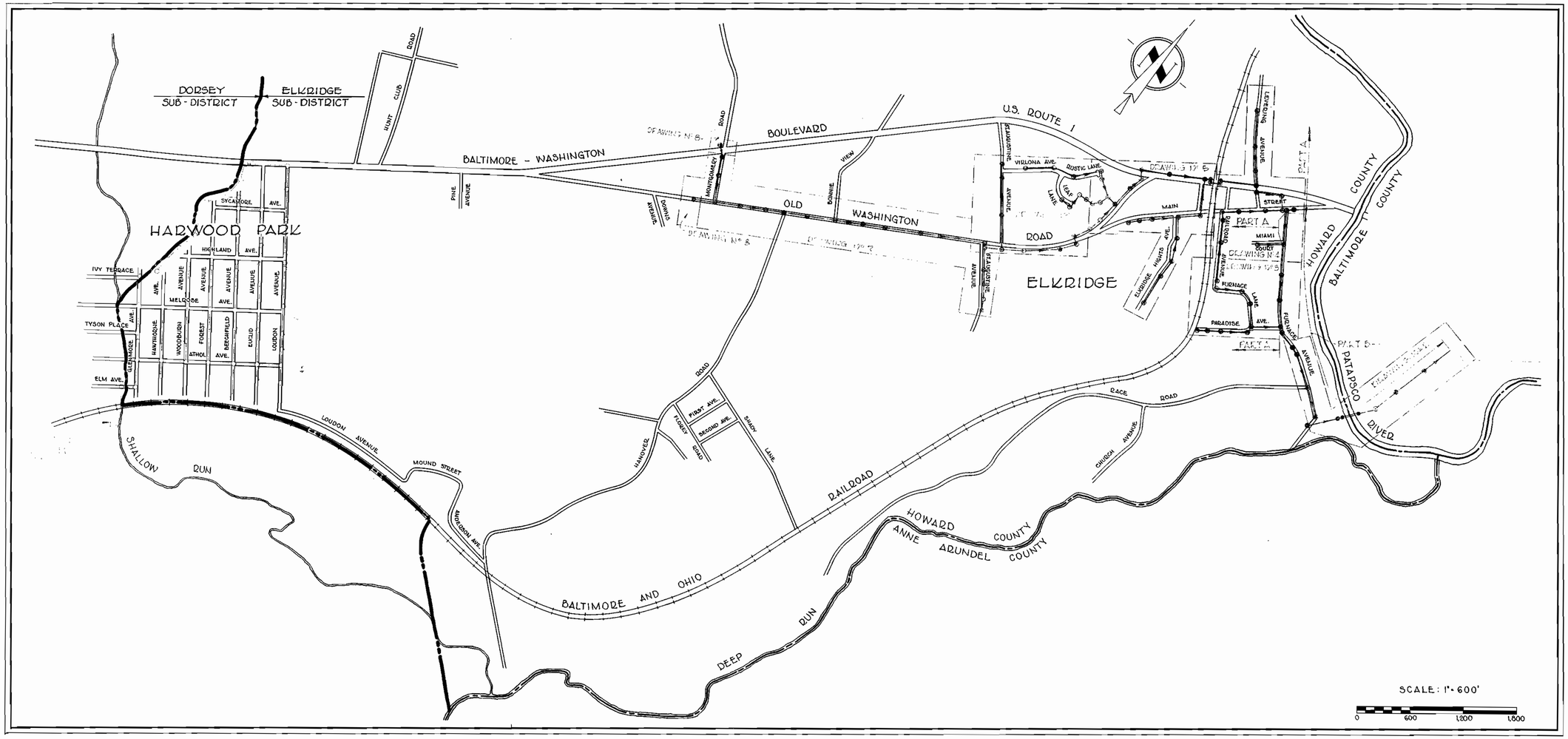


CONTRACT 22 S

SEWER MAIN EXTENSIONS

HOWARD COUNTY METROPOLITAN COMMISSION

ELKRIDGE SUB-DISTRICT

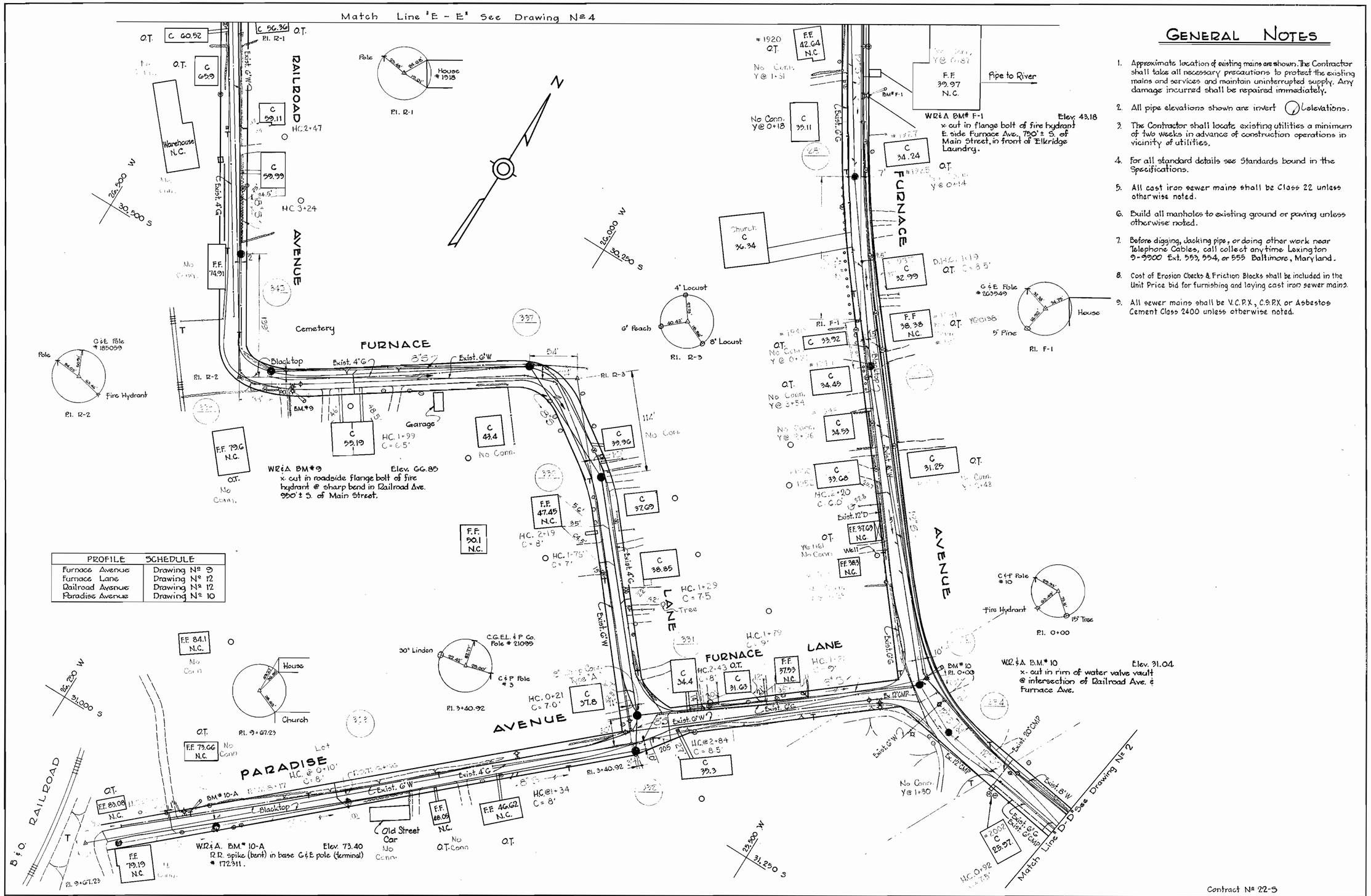
Contract № 22-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 (DATE) — Carl W. Meyer (CHIEF ENGINEER)	CONTRACT NO. 22-S	LOCATION MAP	ELKRIDGE SUB - DISTRICT	DRAWING NO. 1 OF 12	SCALE AS SHOWN

W. O. 4929-2

AS BUILT 28 APR 66

ELLIOTT CO., PITTSBURGH REORDER A-39070



PROFILE	SCHEDULE
Furnace Avenue	Drawing Nº 9
Furnace Lane	Drawing Nº 12
Railroad Avenue	Drawing Nº 12
Paradise Avenue	Drawing Nº 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 (I) 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 the Specifications.
5. All cast iron sewer mains shall be Class 22 unless otherwise noted.
6. Build all manholes to existing ground or paving unless otherwise noted.
7. Before digging, Jacking pipe, or doing other work near Telephone Cables, call collect anytime Lexington 9-9900 Ext. 553, 554, or 555 Baltimore, Maryland.
8. Cost of Erosion Checks & Friction Blocks shall be included in the Unit Price bid for furnishing and laying cast iron sewer mains.
9. All sewer mains shall be V.C.P.X., C.S.P.X or Asbestos Cement Class 2400 unless otherwise noted.

Contract Nº 22-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 (DATE) — CHIEF ENGINEER	CONTRACT NO. 22-S	PLAN OF SEWER MAINS	ELKRIDGE SUB - DISTRICT	DRAWING NO. 3 OF 15	SCALE 1"=50'

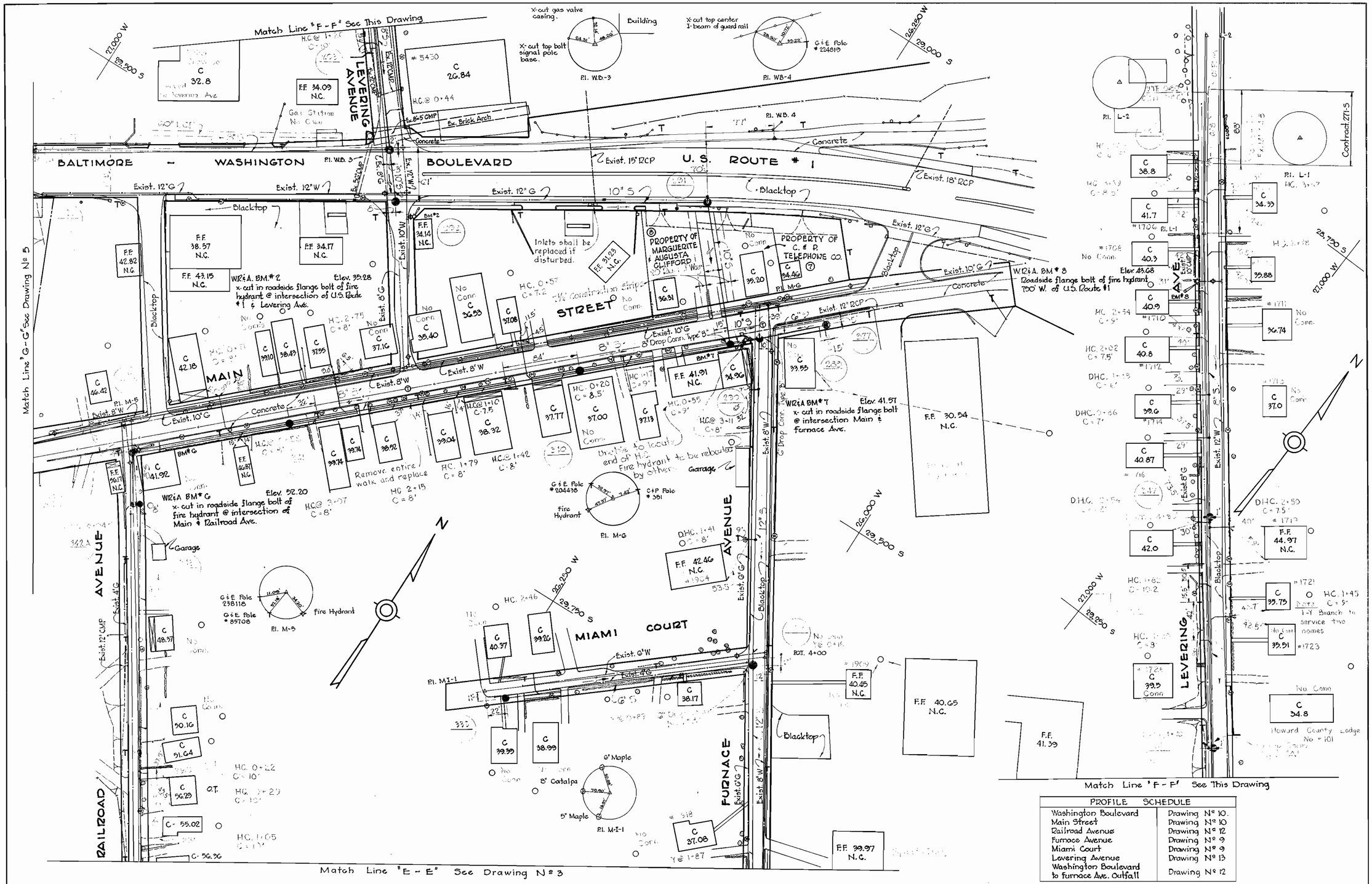
32 SW 18
31 SW 17, 18

W. O. 4929-2

AS BUILT 23 APR. 06

F.B. 2521, 2525
2001

ELLIOTT CO., PITTSBURGH RECORDER A-39070



PROFILE SCHEDULE	
Washington Boulevard	Drawing Nº 10.
Main Street	Drawing Nº 10
Railroad Avenue	Drawing Nº 12
Furnace Avenue	Drawing Nº 9
Miami Court	Drawing Nº 9
Levering Avenue	Drawing Nº 13
Washington Boulevard to furnace Ave. Outfall	Drawing Nº 12

Contract Nº 22-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 (DATE) — CHIEF ENGINEER	CONTRACT NO. 22-S	PLAN OF SEWER MAINS	ELKRIDGE SUB - DISTRICT	DRAWING NO. 4 OF 15	SCALE 1"=50'

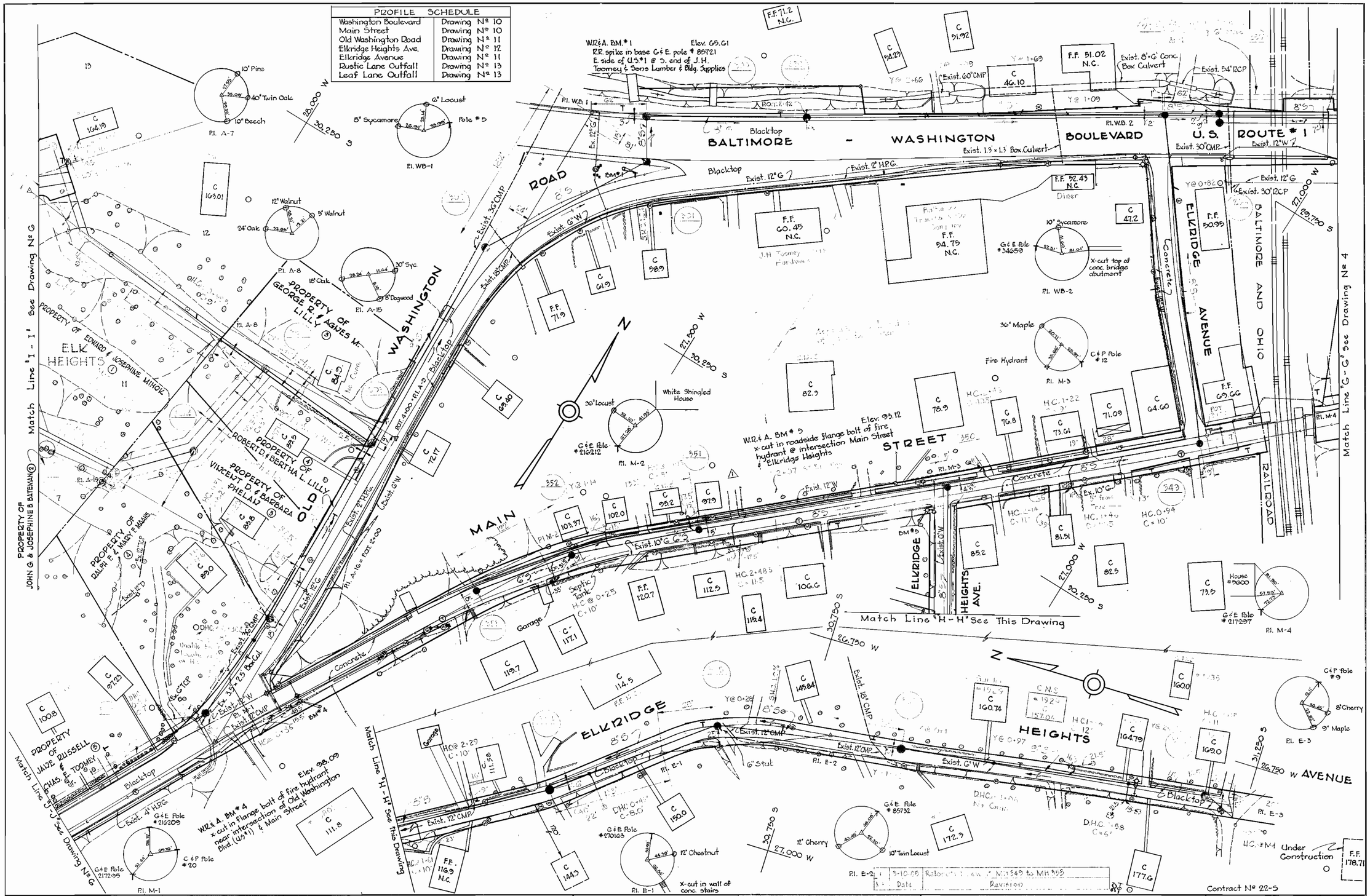
W. O. 4929-2

AS BUILT 23 APR 62 GG

F.B. 2521, 2525, 2539

ELLIOTT CO., PITTSBURGH REORDER A-39070

PROFILE SCHEDULE	
Washington Boulevard	Drawing Nº 10
Main Street	Drawing Nº 10
Old Washington Road	Drawing Nº 11
Elkridge Heights Ave.	Drawing Nº 12
Elkridge Avenue	Drawing Nº 11
Rustic Lane Outfall	Drawing Nº 13
Leaf Lane Outfall	Drawing Nº 13



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 DATE — CHIEF ENGINEER	CONTRACT NO. 22-S	PLAN OF SEWER MAINS	ELKRIDGE SUB - DISTRICT	DRAWING NO. 5 OF 15	SCALE 1" = 50'	30 SW. 18, 19 31 SW. 18, 19

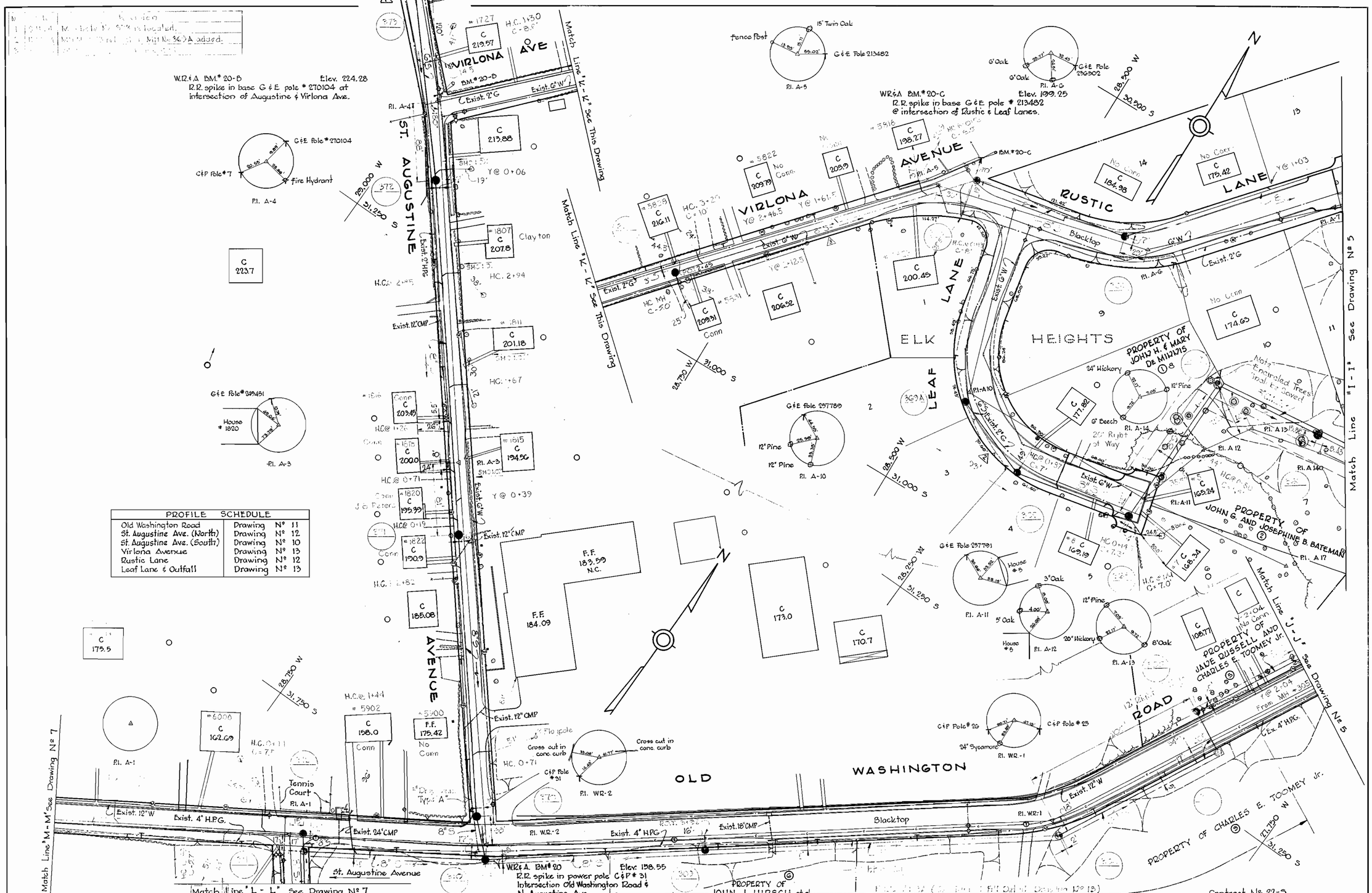
W. O. 4929-2

AS BUILT

F.B. 2539, 2521, 2537, 2530, 2540

ELLIOTT CO., PITTSBURGH RECORDER A-59070

No.	Date	Revision
1	2-14-64	Manhole No. 9-2 relocated.
2	12-1-64	Manhole No. 1-1 & Mill No. 36-3 added.



PROFILE	SCHEDULE
Old Washington Road	Drawing No 11
St. Augustine Ave. (North)	Drawing No 12
St. Augustine Ave. (South)	Drawing No 10
Virlona Avenue	Drawing No 13
Rustic Lane	Drawing No 12
Leaf Lane & Outfall	Drawing No 13

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 (DATE) — CHIEF ENGINEER	CONTRACT NO. 22-S	PLAN OF SEWER MAINS	ELKRIDGE SUB - DISTRICT	DRAWING NO. 6 OF 15	SCALE 1" = 50'

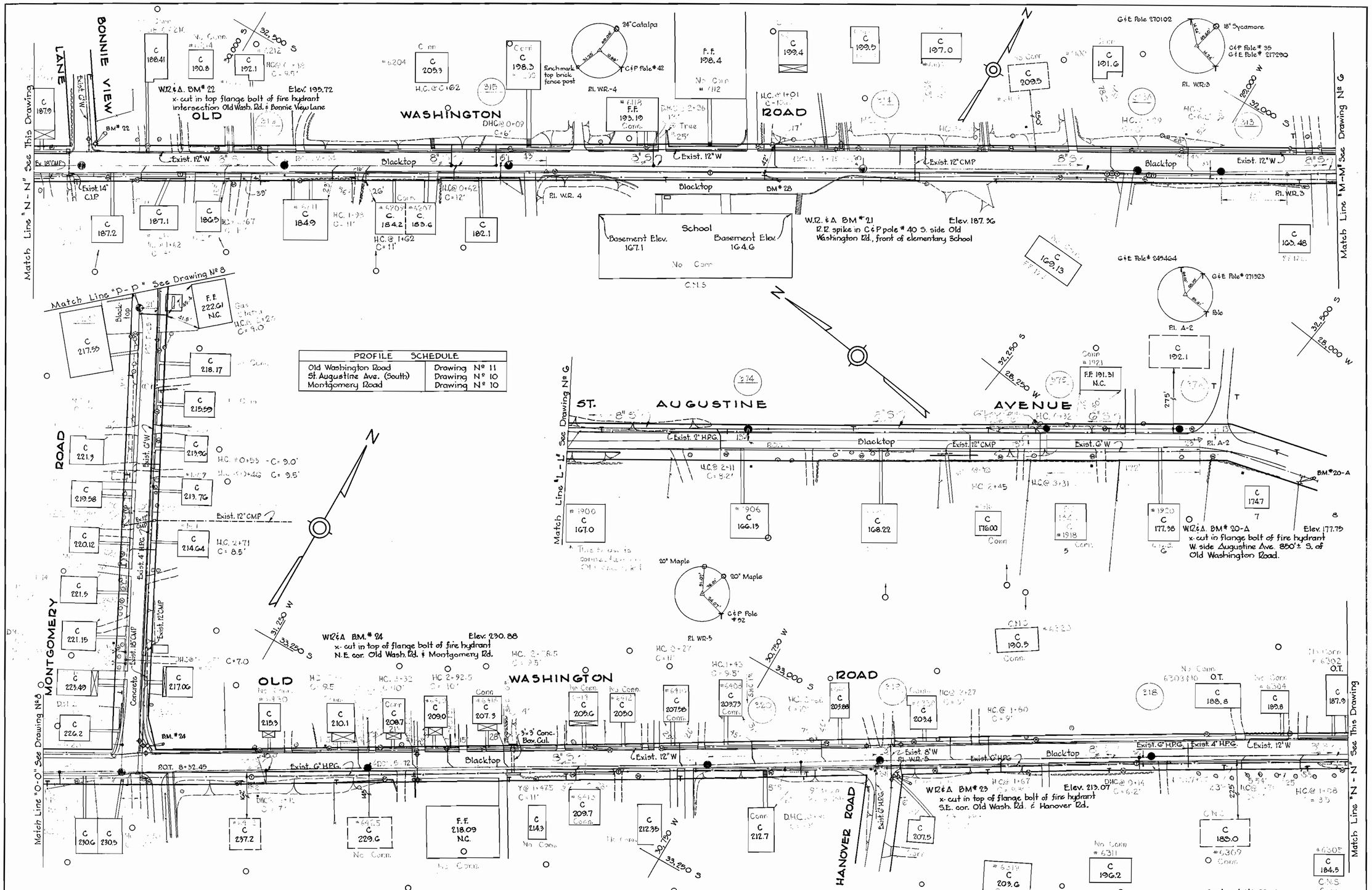
31 SW 19.20
32 SW 19.20

W. O. 4929-2

AS BUILT 28 APR. 66

I.D. 2540, 2530

ELLIOTT CO., PITTSBURGH REORDER A-33070



PROFILE SCHEDULE	
Old Washington Road	Drawing Nº 11
St. Augustine Ave. (South)	Drawing Nº 10
Montgomery Road	Drawing Nº 10

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 (DATE) — CHIEF ENGINEER	CONTRACT NO. 22-S	PLAN OF SEWER MAINS	ELKRIDGE SUB - DISTRICT	DRAWING NO. 7 OF 15	SCALE 1" = 50'

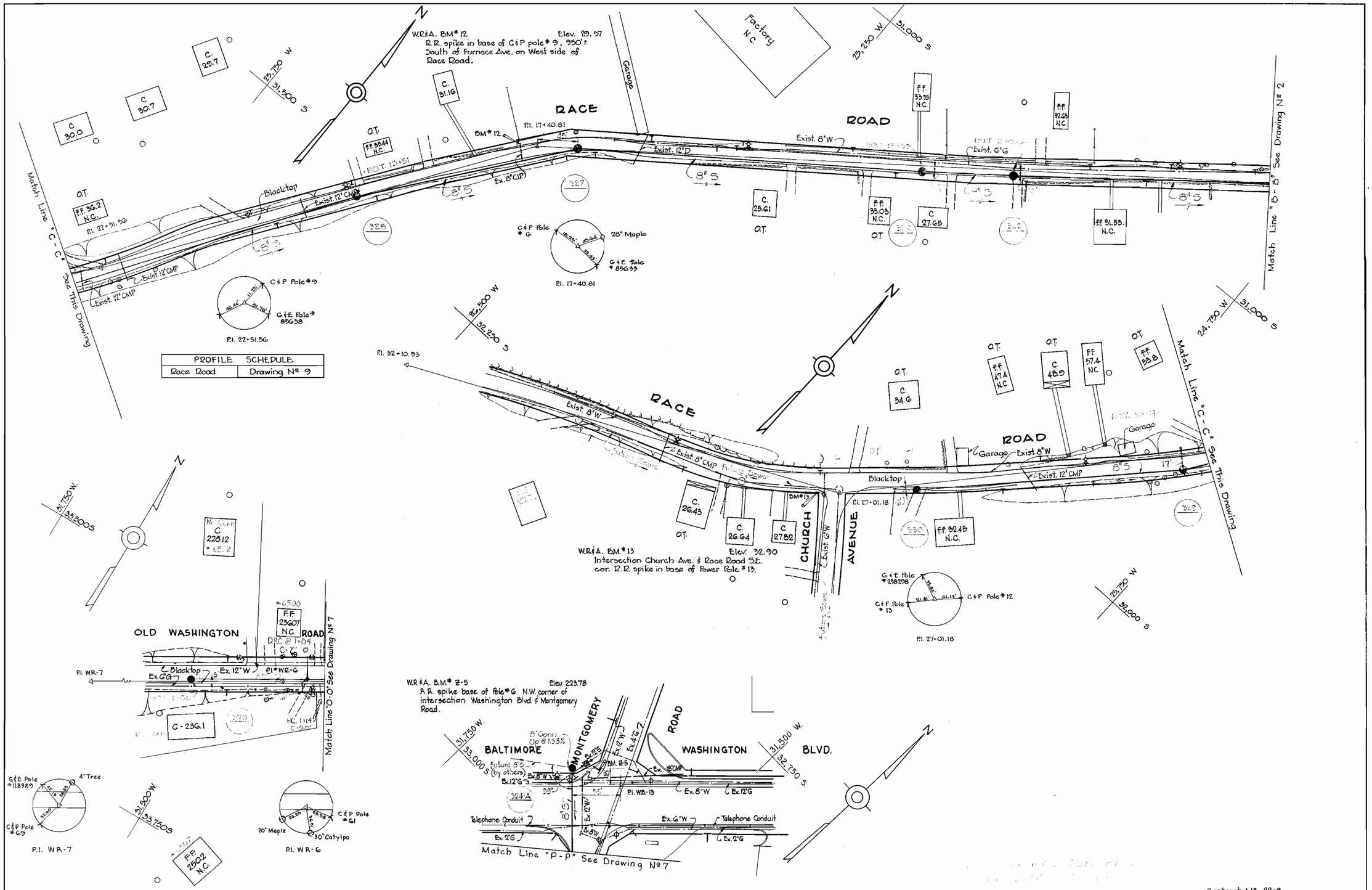
33 SW 19,20,21
34 SW 21

W. O. 4929-2

AS BLT 28 APR 66

F.B. 2525, 2530

ILLIOTT CO., PITTSBURGH REORDER A-30070

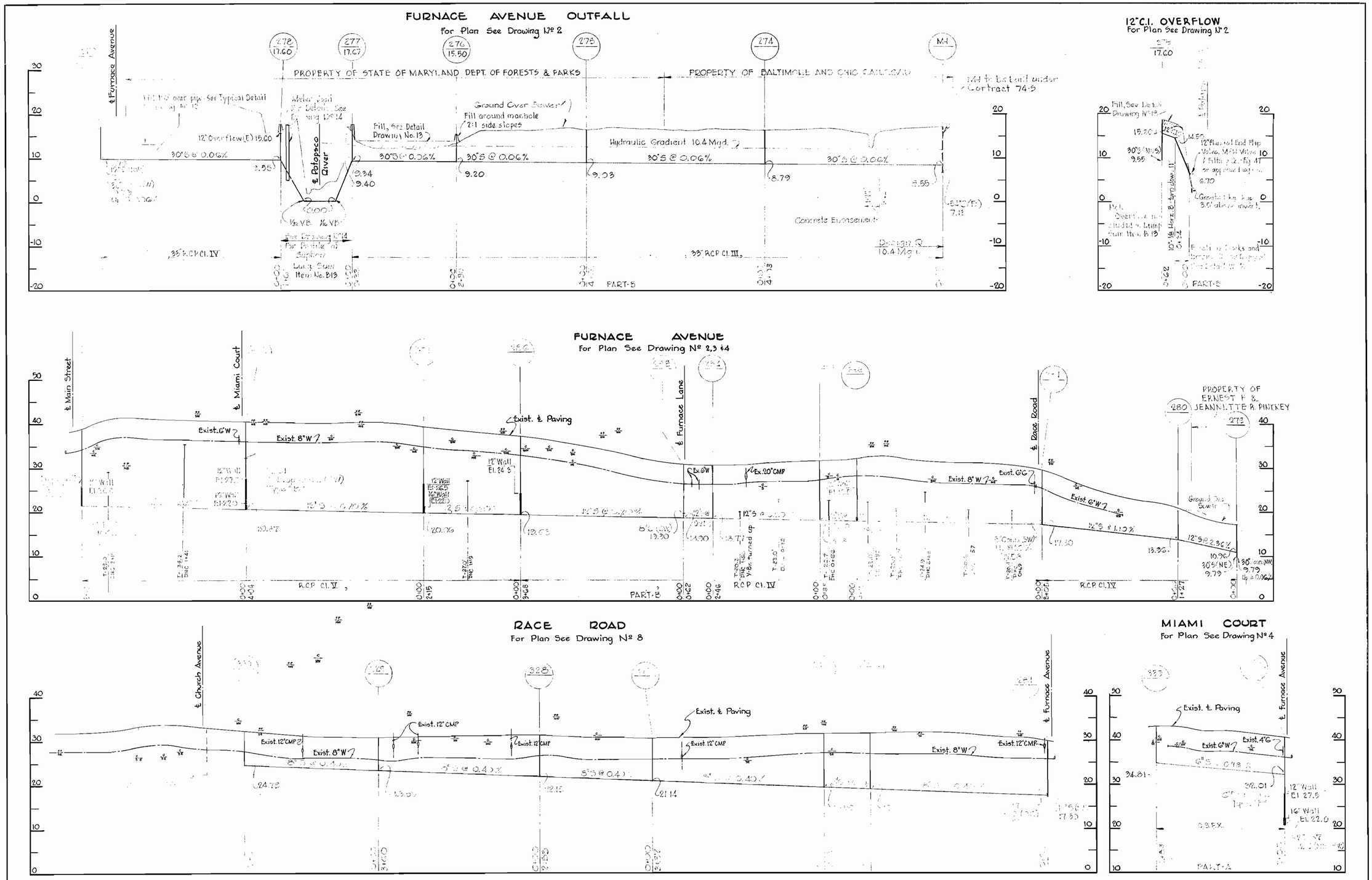


WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 DATE — CHIEF ENGINEER	CONTRACT NO. 22-S	PLAN OF SEWER MAINS	ELKRIDGE SUB - DISTRICT	DRAWING NO. 8 OF 15	SCALE 1"=50'

W. O. 4929-2

F.B. 2000

AS BUILT 18 APR 36



Contract Nº 22-S

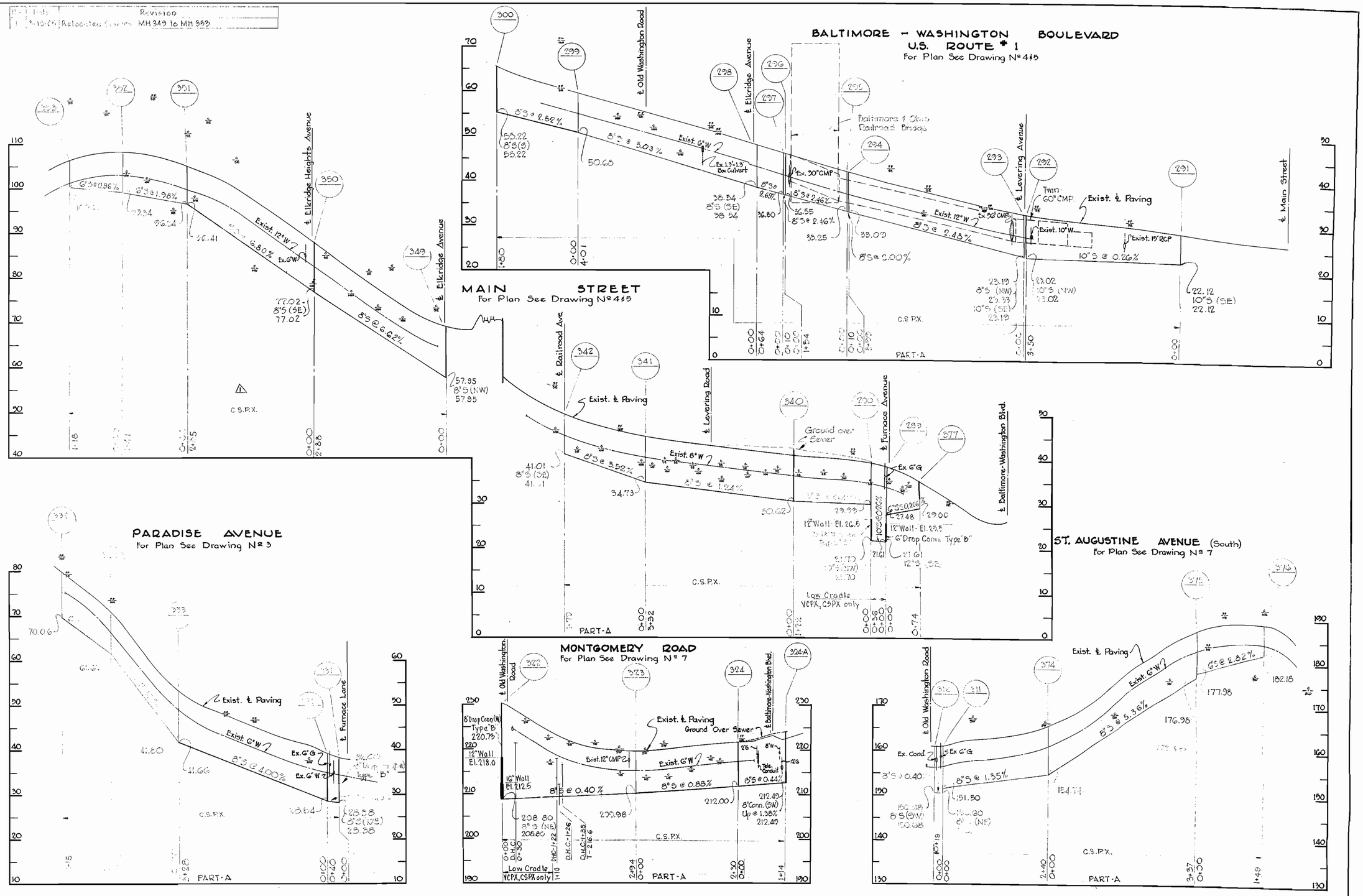
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 (DATE) — Carl W. Meyer (CHIEF ENGINEER)	CONTRACT NO. 22-S	PROFILES OF SEWER MAINS	ELKRIDGE SUB - DISTRICT	DRAWING NO. 9 OF 15	SCALE H: 1"=100' V: 1"=10'

W. O. 4929-2

AS BUILT 28 APR 66

ELLIOTT CO., PITTSBURGH REORDER A-39070

No.	Date	Revision
1	3-10-86	Relocated Sewer MH 349 to MH 350



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 DATE — Carl W. Meyer CHIEF ENGINEER	CONTRACT NO. 22-S	PROFILES OF SEWER MAINS	ELKRIDGE SUB - DISTRICT	DRAWING NO. 10 OF 15	SCALE H: 1"=100' V: 1"=10'

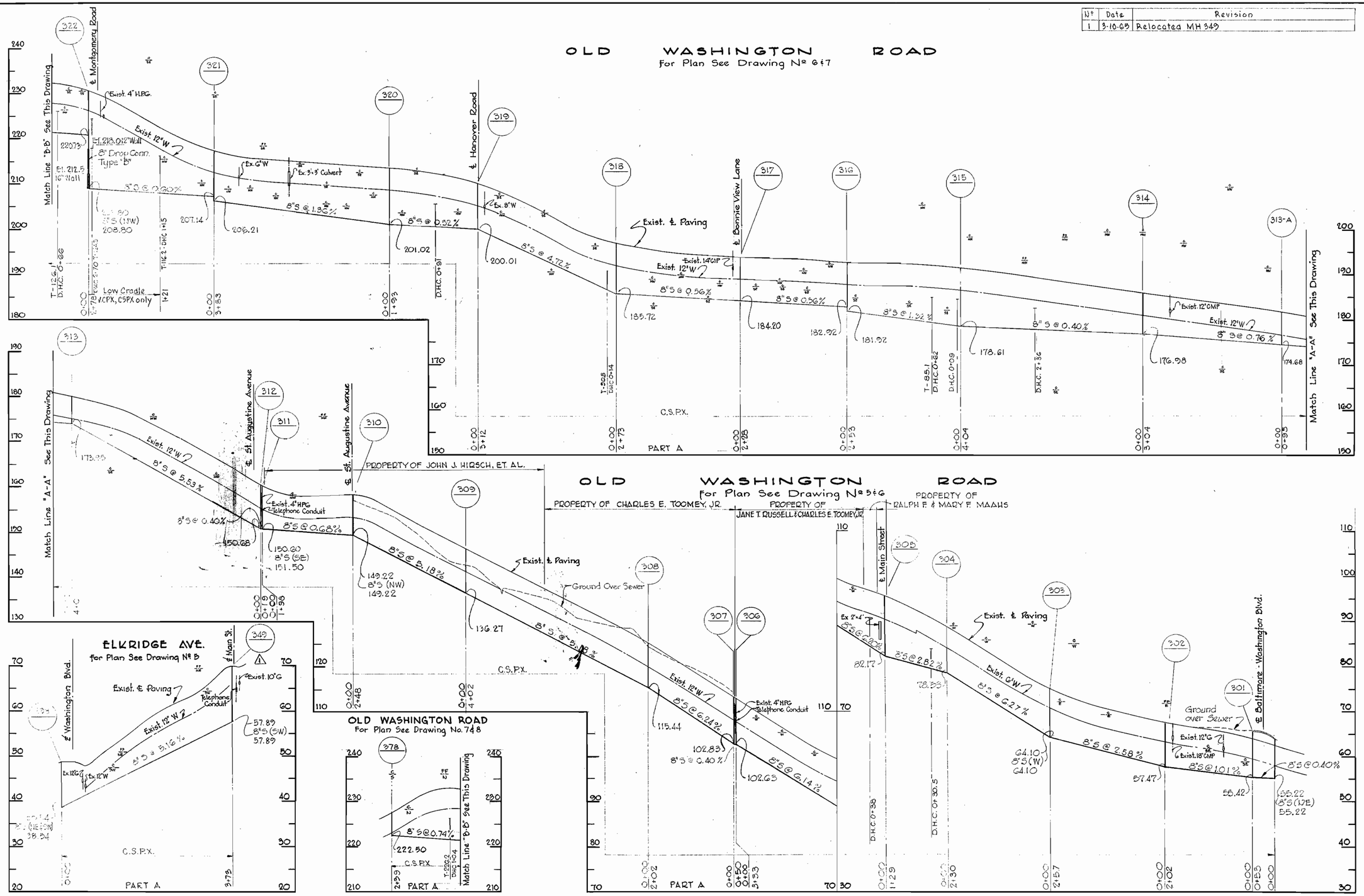
Contract Nº 22-S

W. O. 4929-2

AS BUILT 28 APR 86

ELLIOTT CO., PITTSBURGH REORDER A-29070

Nº	Date	Revision
1	3-10-65	Relocated MH 349



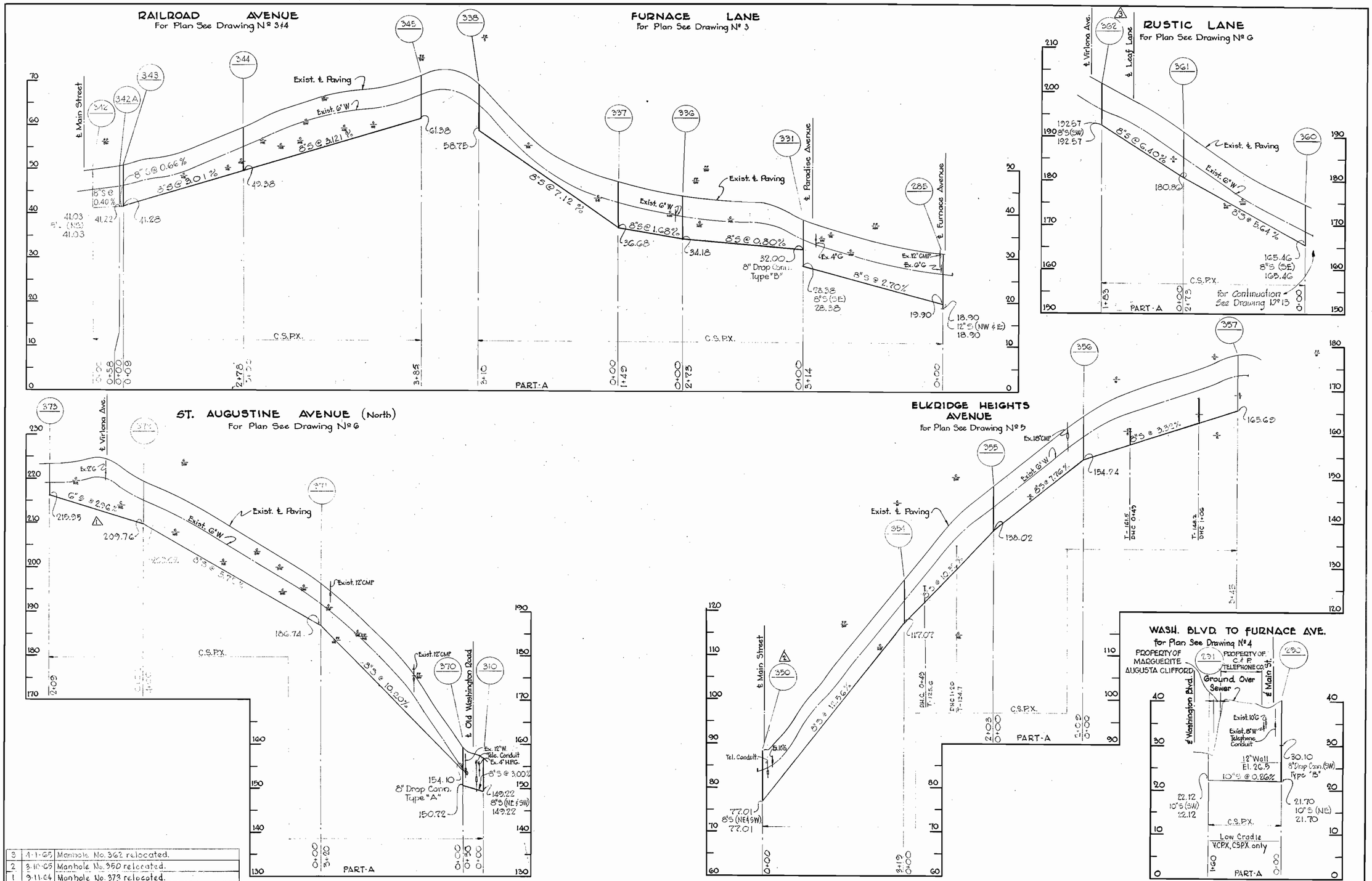
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 DATE — Carl W. Mayer CHIEF ENGINEER	CONTRACT NO. 22-S	PROFILES OF SEWER MAINS	ELKRIDGE SUB - DISTRICT	DRAWING NO. 11 OF 15	SCALE H: 1"=100' V: 1"= 10'

Contract Nº 22-S

W. O. 4929-2

AS BUILT 28 APR 66

ELLIOTT CO., PITTSBURGH REORDER A-39070



Nº	Date	Revision
3	4-1-65	Manhole No. 362 relocated.
2	3-10-65	Manhole No. 360 relocated.
1	9-11-64	Manhole No. 373 relocated.

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

HOWARD COUNTY METROPOLITAN COMMISSION
March 15, 1961 — DATE
Carl W. Meyer — CHIEF ENGINEER

CONTRACT NO. 22-S

PROFILES OF SEWER MAINS

ELKRIDGE SUB - DISTRICT

DRAWING NO. 12 OF 15

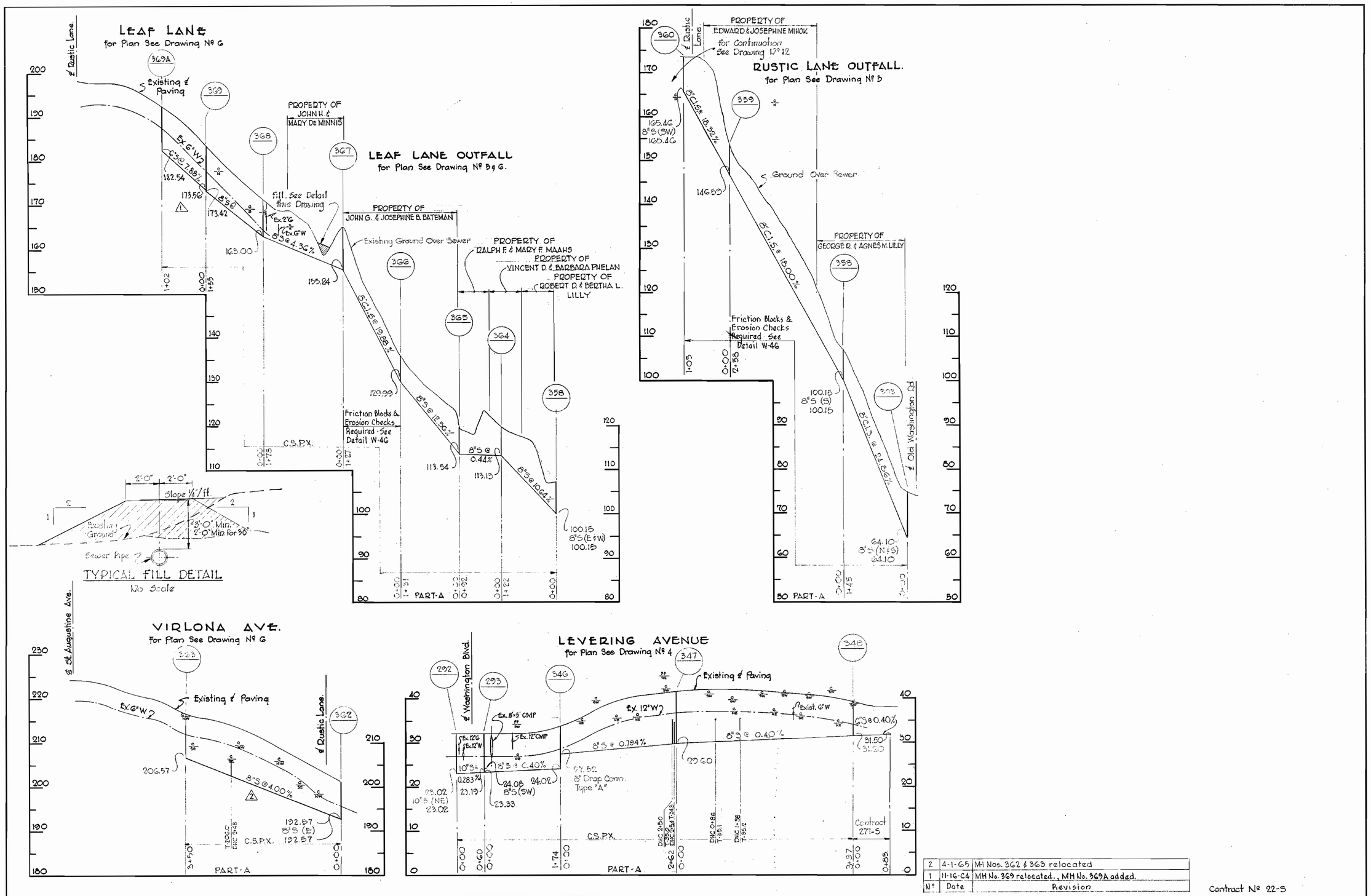
SCALE H 1"=100' V: 1"= 10'

Contract Nº 22-S

W. O. 4929-2

AS BUILT 23 APR 66

ELLIOTT CO., PITTSBURGH RECORDER A-59070



Nº	Date	Revision
2	4-1-65	MH Nos. 362 & 363 relocated
1	11-16-64	MH No. 369 relocated., MH No. 369A added.

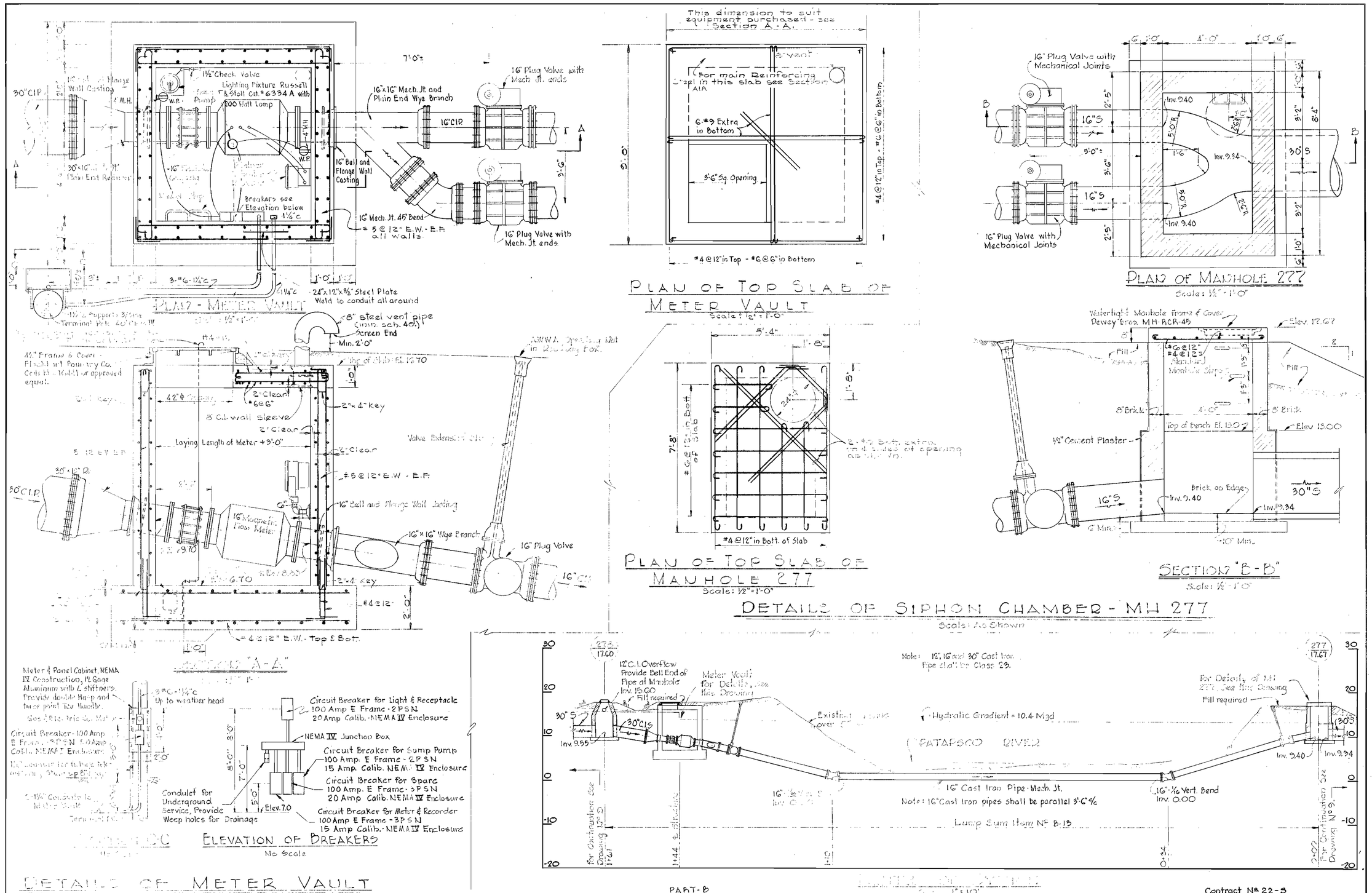
Contract Nº 22-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 (DATE) — Carl W. Mayer (CHIEF ENGINEER)	CONTRACT NO. 22-S	PROFILES OF SEWER MAINS	ELKRIDGE SUB - DISTRICT	DRAWING NO. 13 OF 15	SCALE H: 1"=100' V: 1"=10'

W. O. 4929-2

AS BUILT 28 APR. 66

ELLIOTT CO., PITTSBURGH REORDER A-29070



PART-B

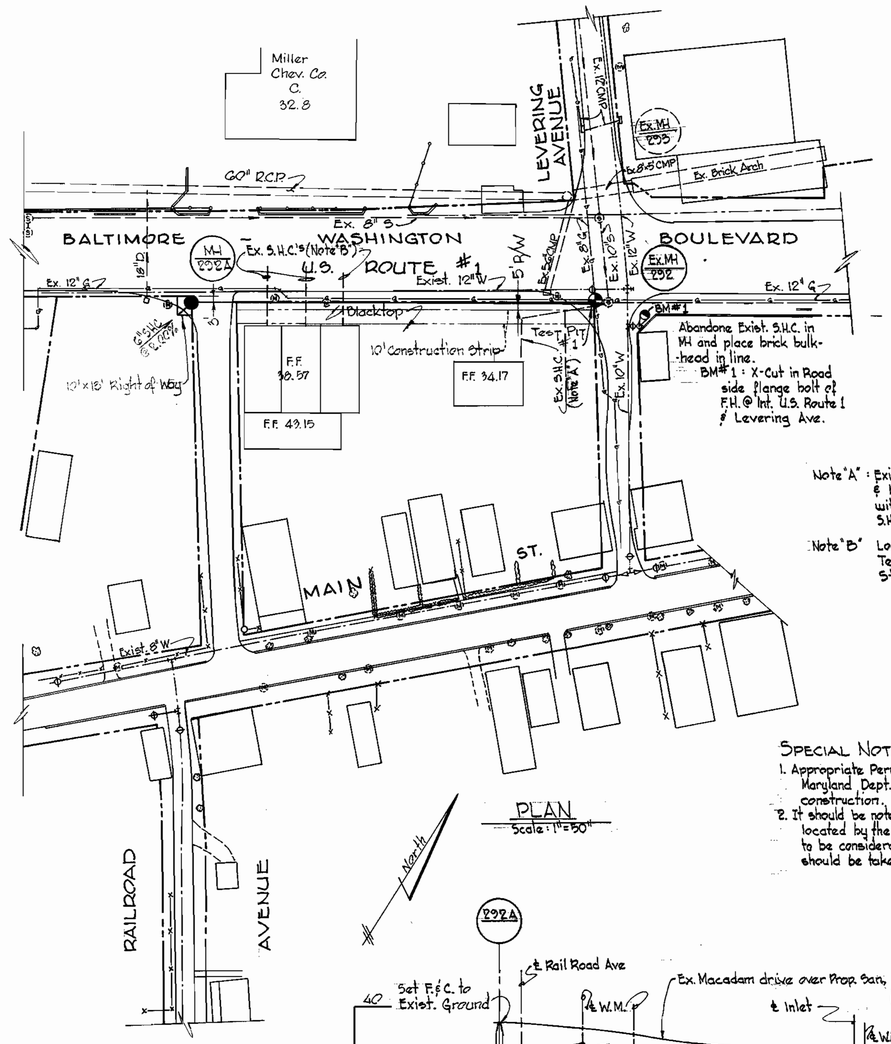
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION March 15, 1961 DATE — CHIEF ENGINEER	CONTRACT NO. 22-S	METER VAULT AND SIPHON DETAILS	ELKRIDGE SUB - DISTRICT	DRAWING NO. 14 OF 15	SCALE H: 1"=100' V: 1"= 10'

W. O. 4929-2

AS BUILT 28 APR. 66

ELLIOTT CO., PITTSBURGH REORDER A-39070

K? BALTIMORE 17 5133 IMPERIAL MC2514



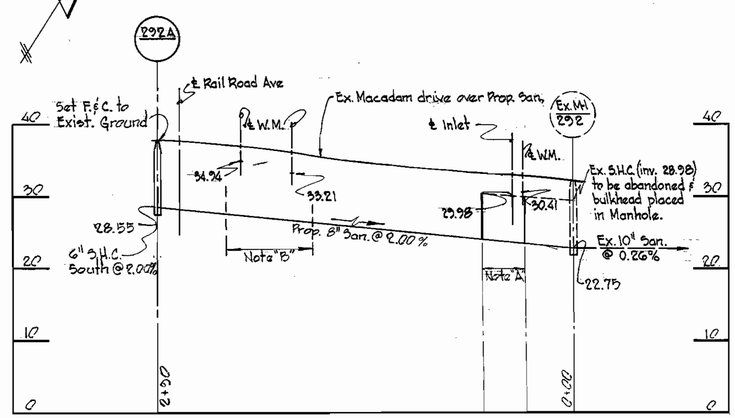
PLAN
Scale: 1" = 50'

Note "A" : Existing S.H.C. @ MH #292 to be abandoned & house connections to connect to Prop. 8" San. with Standard Type "B" Drop House Connections. S.H.C.'s to be located in the field by Test Pits.

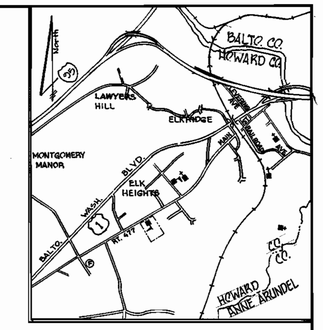
Note "B" Locate Existing S.H.C.'s from 3 Unit building by Test Pits and connect to Prop. 8" San. with Standard Type "B" Drop House Connections.

SPECIAL NOTES

1. Appropriate Permits must be obtained from the Maryland Dept. of Transportation before beginning construction.
2. It should be noted that the utilities shown have been located by the best available information and are not to be considered accurate or complete, therefore care should be taken to locate & protect all Utilities.



PROFILE
Scale: Horz. 1" = 50' Vert. 1" = 10'



VICINITY MAP
Scale: 1" = 2000'

GENERAL NOTES

1. Approximate location of Utilities are shown. All necessary precautions shall be taken to protect existing utilities and to maintain uninterrupted service. Any damage incurred shall be repaired immediatly.
2. All Pipe elevations shown are invert elevations.
3. All existing Utilities shall be located well in advance of construction.
4. Clear all Utilities by 6" minimum. Clear all poles by 2'-0" minimum or tunnel as required.
5. The following Utilities or Agencies are to be notified at least 5 working days before starting the work shown on these plans.
   Baltimore Gas and Electric Company Underground Electric Distribution Engineering "Damage Control" 234-5691
   Baltimore Gas and Electric Company Underground Gas Distribution Engineering 559-0100
   Miss Utility 800-441-8355
6. All horizontal Control based on Maryland State Coordinates.
7. All vertical Control based on Maryland State Datum.

BUREAU OF ENGINEERING DIVISION OF SURVEYS / INSPECTION	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DIRECTOR OF PUBLIC WORKS DATE — CHIEF - BUREAU OF ENGINEERING 5-28-79 DATE	ADDITION TO CONTRACT NO. 22-S	PLAN & PROFILE SEWER EXTENSION	ELKRIDGE ELECTION DISTRICT NO. 1	DRAWING NO. 13 OF 15	SCALE AS NOTED	Drwn. M. Wilhelm Des. M. Wilhelm Appr. J.L. Riddle