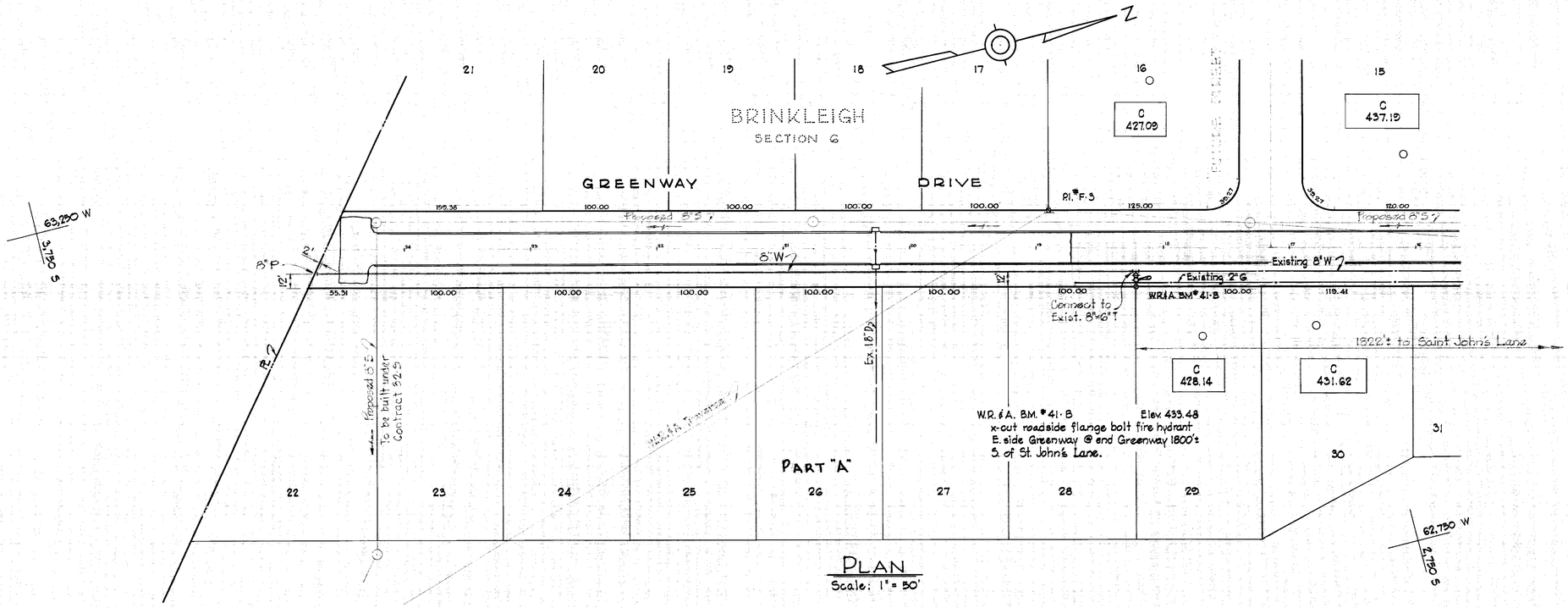
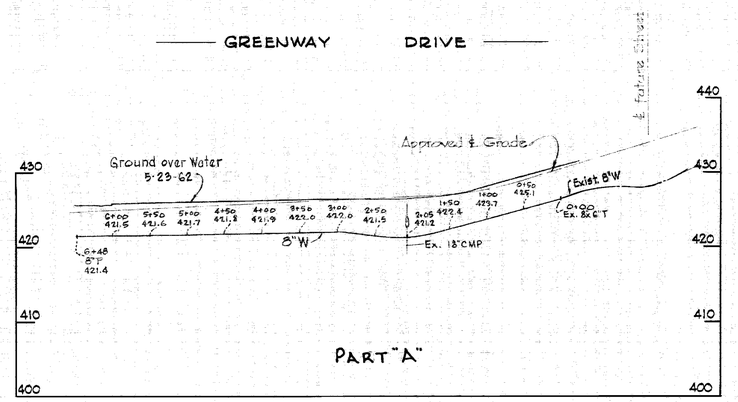


PLAN
Scale: 1" = 50'



PROFILE
Scale: H: 1" = 100'
V: 1" = 10'

AS BUILT
"BRINKLEIGH"
SECTION-6
PART "A"
Contract 43-W&S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION 5-25-62 DATE — Carl W. Meyer CHIEF ENGINEER	CONTRACT NO. 43-W&S	PLAN & PROFILE OF WATER MAINS	ELLICOTT CITY SUB - DISTRICT	DRAWING NO. 1 OF 4	SCALE AS SHOWN — 3 SW 43, 4 SW 43

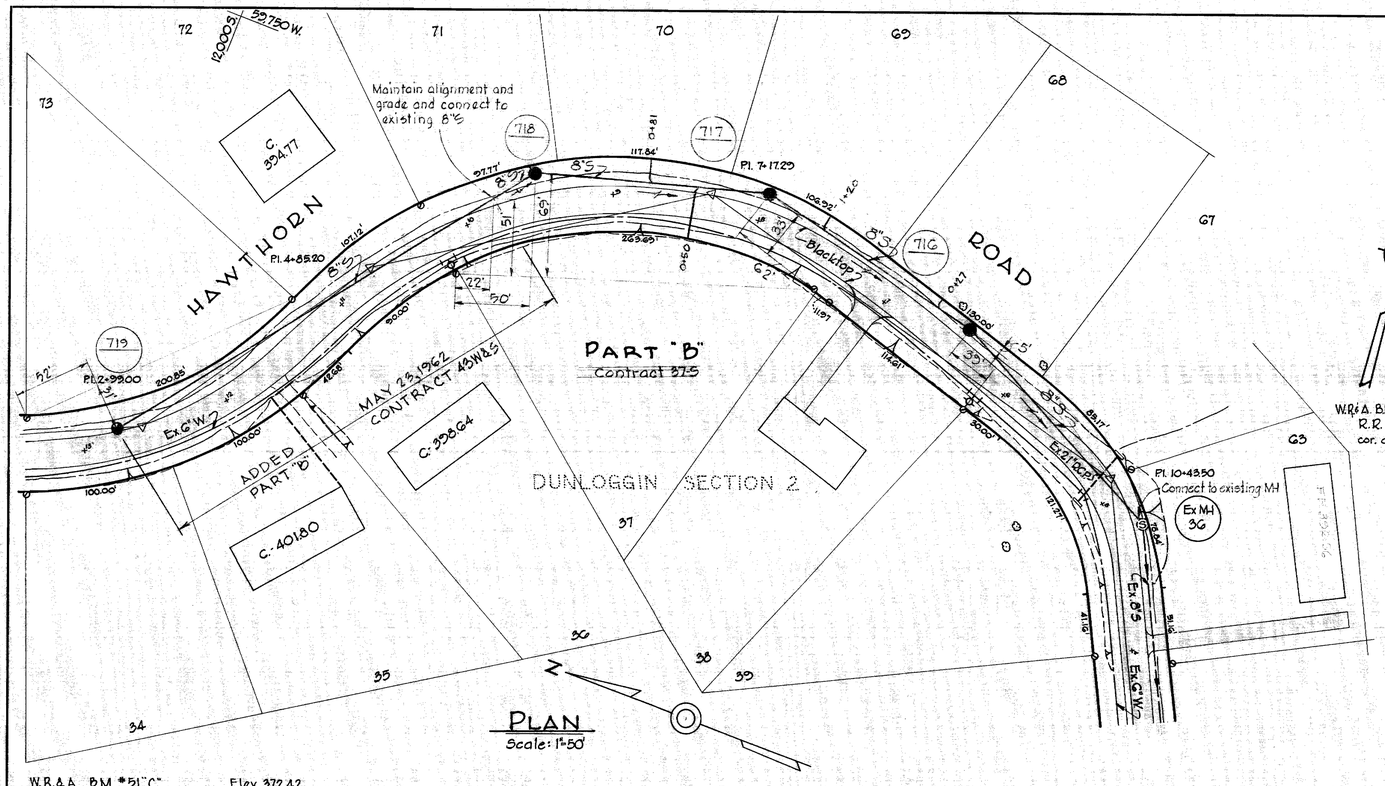
W. O. 5125-2

FB. 2450

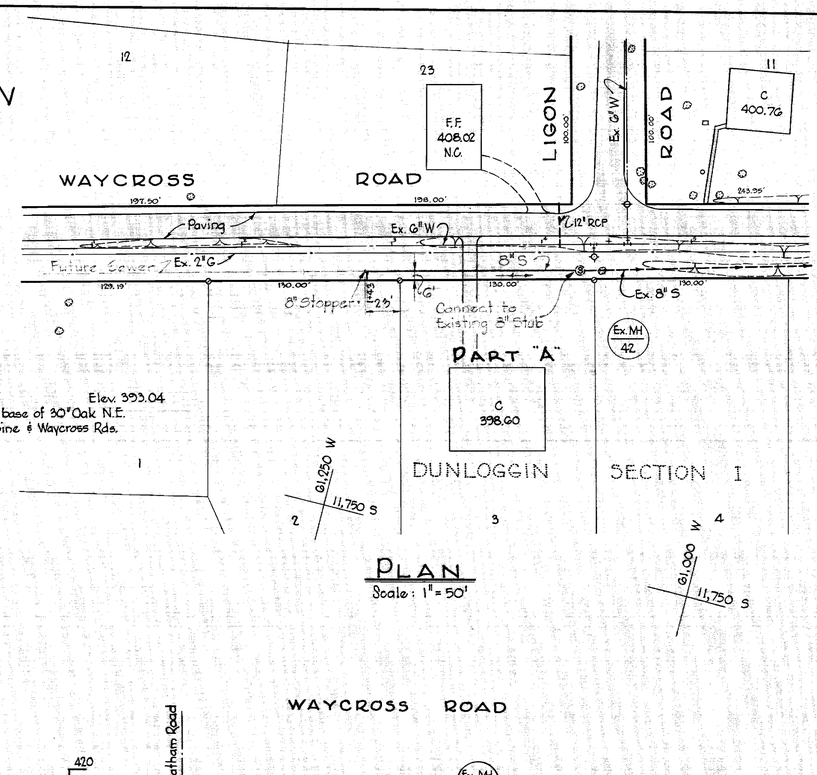
11 JULY 1962

WS 43WS/1

ELLIOTT CO., PITTSBURGH REORDER A-39070



W.R.&A. B.M. #51-D Elev. 393.04
R.R. spike in base of 30" Oak N.E. cor. of Macalpine & Waycross Rds.



PLAN
Scale: 1" = 50'

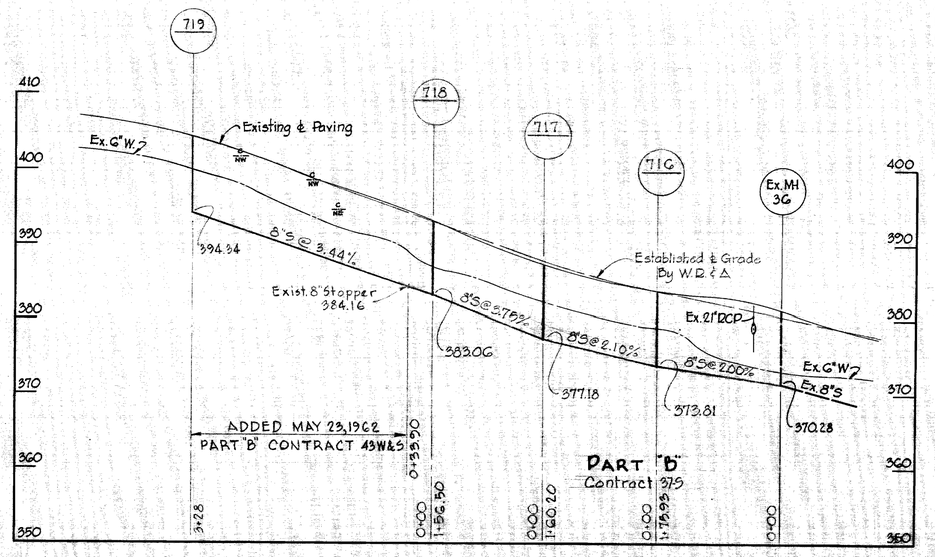
W.R.&A. B.M. #51-C Elev. 372.42
R.R. spike in root 24" Oak 125± N. of intersection of Hawthorn & Crescent Rds.

S 60,250 W
N 12,250 S

GENERAL NOTES

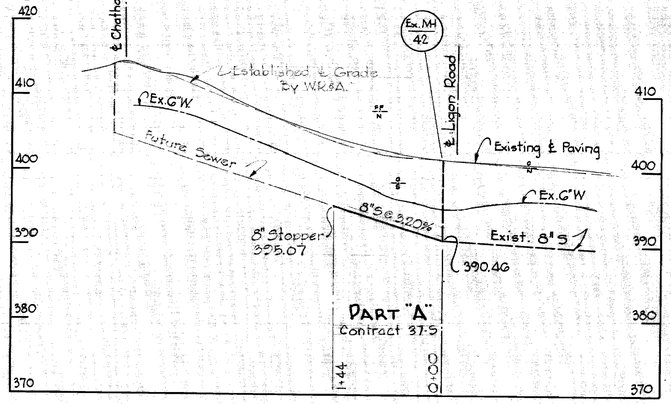
1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect the existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
2. All pipe elevations shown are invert elevations
3. The Contractor 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. Block all fittings with concrete. See Standard Details.
6. Unless otherwise noted, all 8"W to be Class 22 C.I.P. Water mains to have a minimum of 3½' cover unless otherwise noted.

HAWTHORN ROAD



PROFILE
Scale- H: 1"= 100'
V: 1"= 10'

WAYCROSS ROAD



PROFILE
Scale H: 1" = 100'
V: 1" = 10'

PART "B"
Contract No 43W&S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Oct. 25, 1961 DATE Carl W. Meyer CHIEF ENGINEER	CONTRACT NO. 43W&S ~~37-S~~	PLANS & PROFILES OF SEWER MAIN EXTENTIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 2 OF 4	SCALE AS SHOWN 12SW4G 13SW4G&I

W. O. 4917-2

AS BUILT
37-S 5 OCT. 62

WS 43WS/2

ELLIOTT CO., PITTSBURGH REORDER A-39070

W.R.&A. B.M.#51-"D" Elev. 393.04
R.R. spike in root of 30" Oak, N.E. cor. of Macalpine & Waycross Rds.

B.M.#51-"D"

MACALPINE SECTION 2

MACALPINE SECTION 3

DUNLOGGIN SECTION 1

DUNLOGGIN SECTION 3

DUNLOGGIN SECTION 2

ROAD

VALLEY

DRIVE

CROWNWOOD

HAWTHORN

For Profile See Sh. No. 4 WAYCROSS

For Profile See Sheet No. 4

For Profile See Sh. No. 5 MACALPINE

Maintain alignment and grade and connect to existing 8"S

ADDED 24 MAY 62 PART "C" CONTRACT 43W&S

ADDED 26 JAN. 62

LIMIT OF CONTRACT

Match Line "B-B" See Sheet No. 2

AS BUILT
PART "C"
11 JULY 1962
Contract 43-W&S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Jan. 29, 1960 DATE — Earl W. Meyer CHAIRMAN	CONTRACT NO. ~~15S~~ 43W&S	PLAN OF SEWER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 3 OF 4	SCALE 1"=50'

W.O. 4848-2

Feb. 1, 1960
REV. JAN. 25, 1962
REV. MAY 24, 1962

ELLIOTT CO., PGH., PA. REORDER A-21633

WS 43WS/3

WAYCROSS ROAD

LIMIT OF CONTRACT

LIMIT OF CONTRACT

42 — 43 — 32 — 44 — 45

℄ Chatham Road — ℄ Ligon Road — ℄ MacAlpine Road — ℄ Valley Road — ℄ St. John's Lane

Existing ℄ Paving

Established ℄ Grade

8" Stub @ 3.64%

8"S @ 0.60%

8"S @ 1.20%

8"S @ 2.50%

8"S @ 2.50%

390.45

388.56

386.31

8" Drop Conn. Type "A"

18" R.C.P. w/ 6" W

382.74 8"S(S)

393.95

396.64

400.02

ADDED 24 MAY 62 PART "C" Contract 43W&S

3+17 — 0+00 — 2+04 — 0+00 — 4+38 — 0+00 — 1+05 — 2+37.6

420 / 410 / 400 / 390 / 380 / 370

DUNLOGGIN ROAD

LIMIT OF CONTRACT

37 — 38 — 28 — 39 — 40 — 41 — 1066

℄ Chatham Road — ℄ Crestwood Drive — ℄ MacAlpine Road — ℄ Hawthorn Road — ℄ St. John's Lane

Existing ℄ Paving

Established ℄ Grade

8" Stub @ 342.86

8" Stub @ 3.04%

8"S @ 3.64%

8"S @ 4.69%

8"S @ 0.50%

8"S @ 0.50%

380.48

375.32 8"S @ 3.04%

374.28 8"S(N&S)

384.72

386.18

397.91

398.81

2"G. — 6"W — 2"G.

36" R.C.P.

ADDED 26 JAN. 62

1+00 — 0+20 — 0+45 — 0+80 — 2+25 — 0+00 — 2+47 — 0+00 — 3+05 — 0+00 — 2+20 Cleanout

420 / 410 / 400 / 390 / 380 / 370 / 360

HAWTHORN ROAD

LIMIT OF CONTRACT

34 — 35 — 36

℄ Crescent Road

Existing ℄ Paving

Established ℄ Grade

2"G. — 24" V.C.P. — 8"W

8"S @ 1.00%

8"S @ 2.70%

8"S @ 2.00%

361.94 8"S(N) 8" Stub(S)

365.04

370.12 8"S Stub @ 2.00%

0+00 — 3+10 — 0+00 — 1+28

410 / 400 / 390 / 380 / 370 / 360 / 350

CRESCENT ROAD

Existing ℄ Paving

℄ Crestleigh Road

Established ℄ Grade

34 — ℄ Hawthorn Road — 33 — ℄ MacAlpine Road — 25

30" R.C.P.

30" R.C.P.

42" R.C.P.

8" Stub @ 3.68%

8"S @ 2.00%

8"S @ 2.00%

361.94 8"S(E)

359.74

356.74 8"S(N&S)

7+10 — 0+00 — 1+50 — 0+00

400 / 390 / 380 / 370 / 360 / 350 / 340

AS BUILT 11 JULY 1962 PART "C" Contract 43W&S

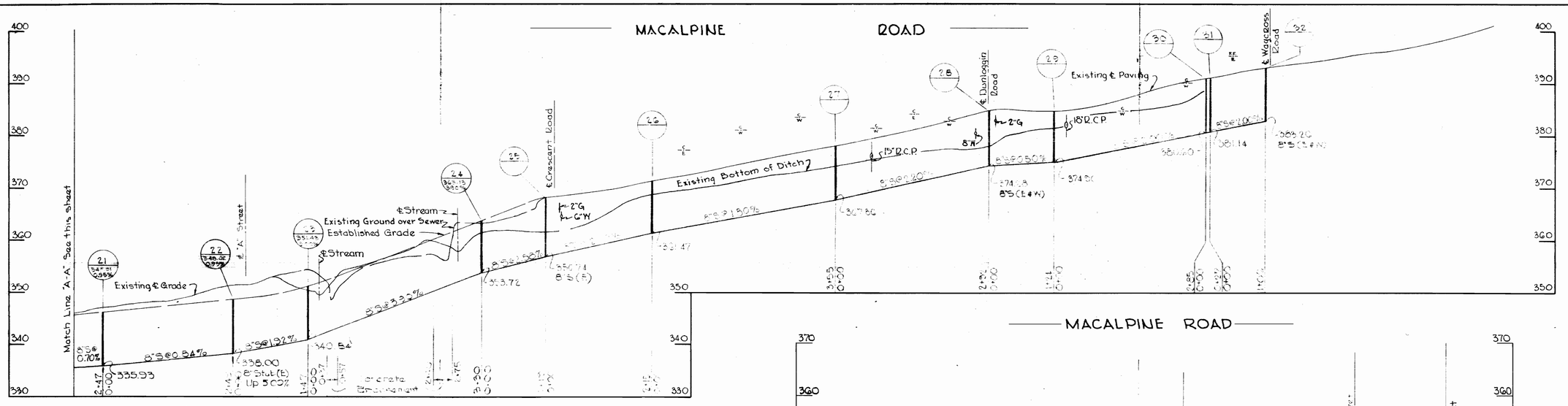
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Jan. 29, 1960 DATE — Carl W. Meyer CHAIRMAN	CONTRACT NO. 43W&S ~~15S~~	PROFILES OF SEWER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 4 OF 4	SCALE H-1"=100' V-1"=10'

W.O. 4845-2

Feb. 1, 1960
REV. JAN. 25, 1962
REV. MAY 24, 1962

WS 45 S/4

ELLIOTT CO., PGH., PA. REORDER A-21638



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

HOWARD COUNTY METROPOLITAN COMMISSION
July 29, 1960

SHEET OF SHEETS
SUB-DISTRICT
DRAWING NO.
SCALE AS SHOWN

435 W/5