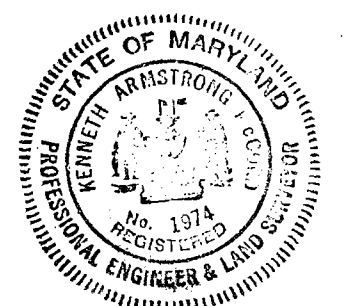


CONTRACT 97-S
LITTLE PATUXENT RIVER INTERCEPTOR
HOWARD COUNTY METROPOLITAN COMMISSION
ELLICOTT CITY, MARYLAND



James A. [Signature]
Contract 97-5

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE <u>3-16-66</u> <i>W. O. [Signature]</i> CHIEF ENGINEER	CONTRACT NO. <u>97-S</u>	LOCATION MAP	LITTLE PATUXENT RIVER INTERCEPTOR SECTION NO. 1	DRAWING NO. <u>1</u> OF <u>5</u>	SCALE AS SHOWN
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W. O. 4955-2

AS BUILT AUG. '67

WS 97S/1

CURVE "A"
 $\Delta = 11^\circ 08' 45''$
 $R = 360.00'$
 $T = 35.12'$
 $L = 70.08'$
 $D.L.T. = 15^\circ 54' 50''$

CURVE "B"
 $\Delta = 11^\circ 08' 45''$
 $R = 540.00'$
 $T = 52.23'$
 $L = 104.14'$
 $D.L.T. = 10^\circ 30' 46''$

CURVE "C"
 $\Delta = 34^\circ 30' 18''$
 $R = 464.00'$
 $T = 144.10'$
 $L = 279.45'$
 $D.L.T. = 12^\circ 20' 54''$

CURVE "D"
 $\Delta = 41^\circ 24' 50''$
 $R = 514.00'$
 $T = 194.30'$
 $L = 371.52'$
 $D.L.T. = 11^\circ 08' 49''$

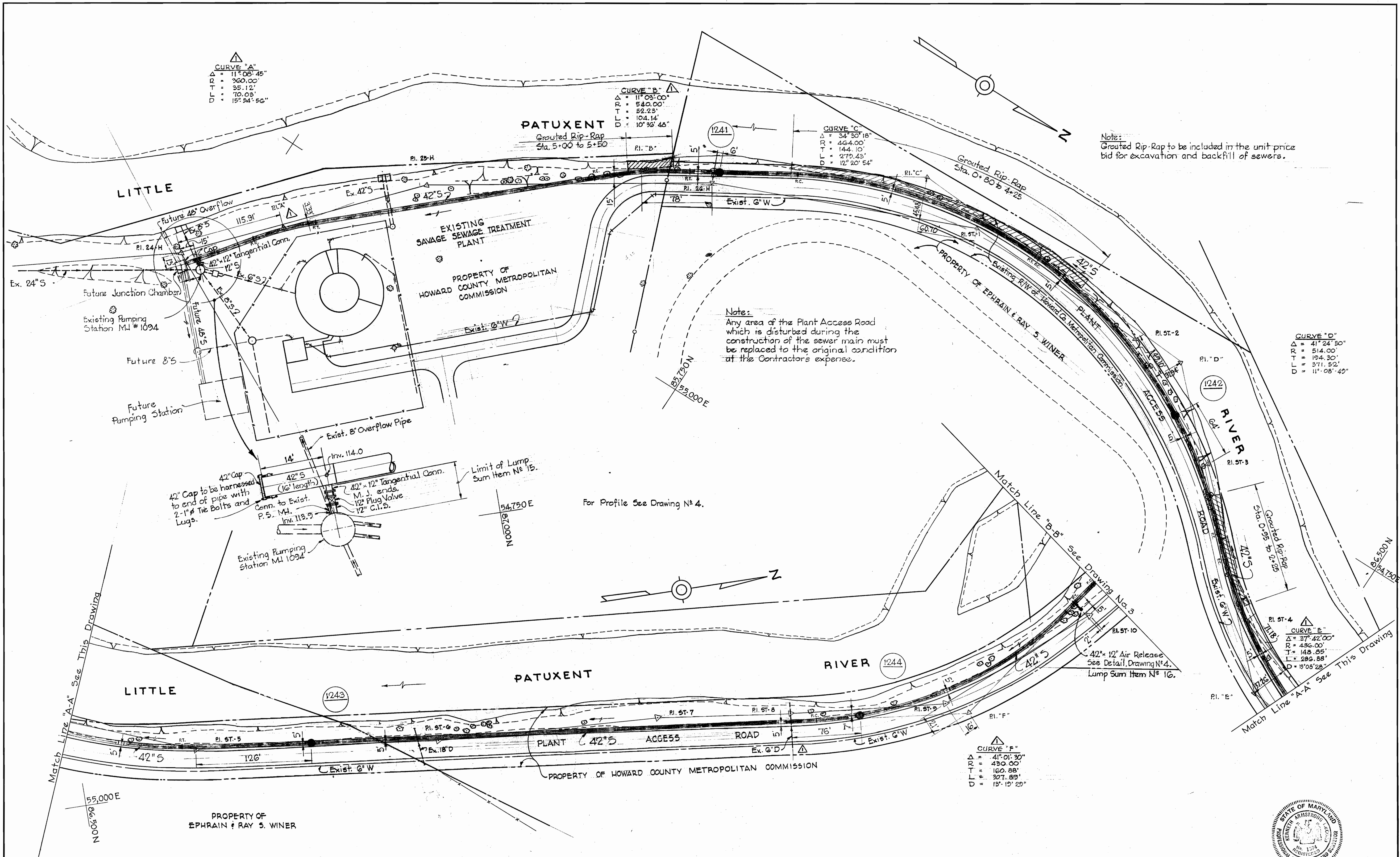
CURVE "E"
 $\Delta = 37^\circ 42' 00''$
 $R = 436.00'$
 $T = 148.88'$
 $L = 286.88'$
 $D.L.T. = 13^\circ 08' 28''$

CURVE "F"
 $\Delta = 41^\circ 01' 30''$
 $R = 430.00'$
 $T = 160.88'$
 $L = 307.89'$
 $D.L.T. = 13^\circ 12' 29''$

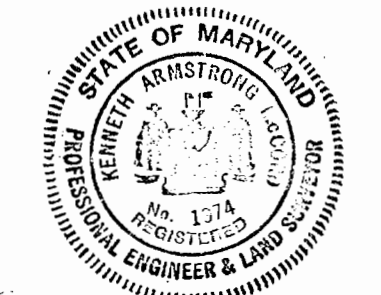
Note:
 Grouted Rip-Rap to be included in the unit price bid for excavation and backfill of sewers.

Note:
 Any area of the Plant Access Road which is disturbed during the construction of the sewer main must be replaced to the original condition at the Contractors expense.

For Profile See Drawing N^o 4.



19-23-66	Revised Curve "A", "B", "E" & "F", added G ^o Drain.
N ^o	Date
	Reviser:



Handwritten Signature
 Contract No. 97-S

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

HOWARD COUNTY METROPOLITAN COMMISSION
 DATE: 3-16-66
Handwritten Signature
 CHIEF ENGINEER

CONTRACT NO. 97-S

PLAN OF SEWER MAINS

LITTLE PATUXENT RIVER INTERCEPTOR SECTION NO. 1

DRAWING NO. 2 OF 5

SCALE 1" = 50'

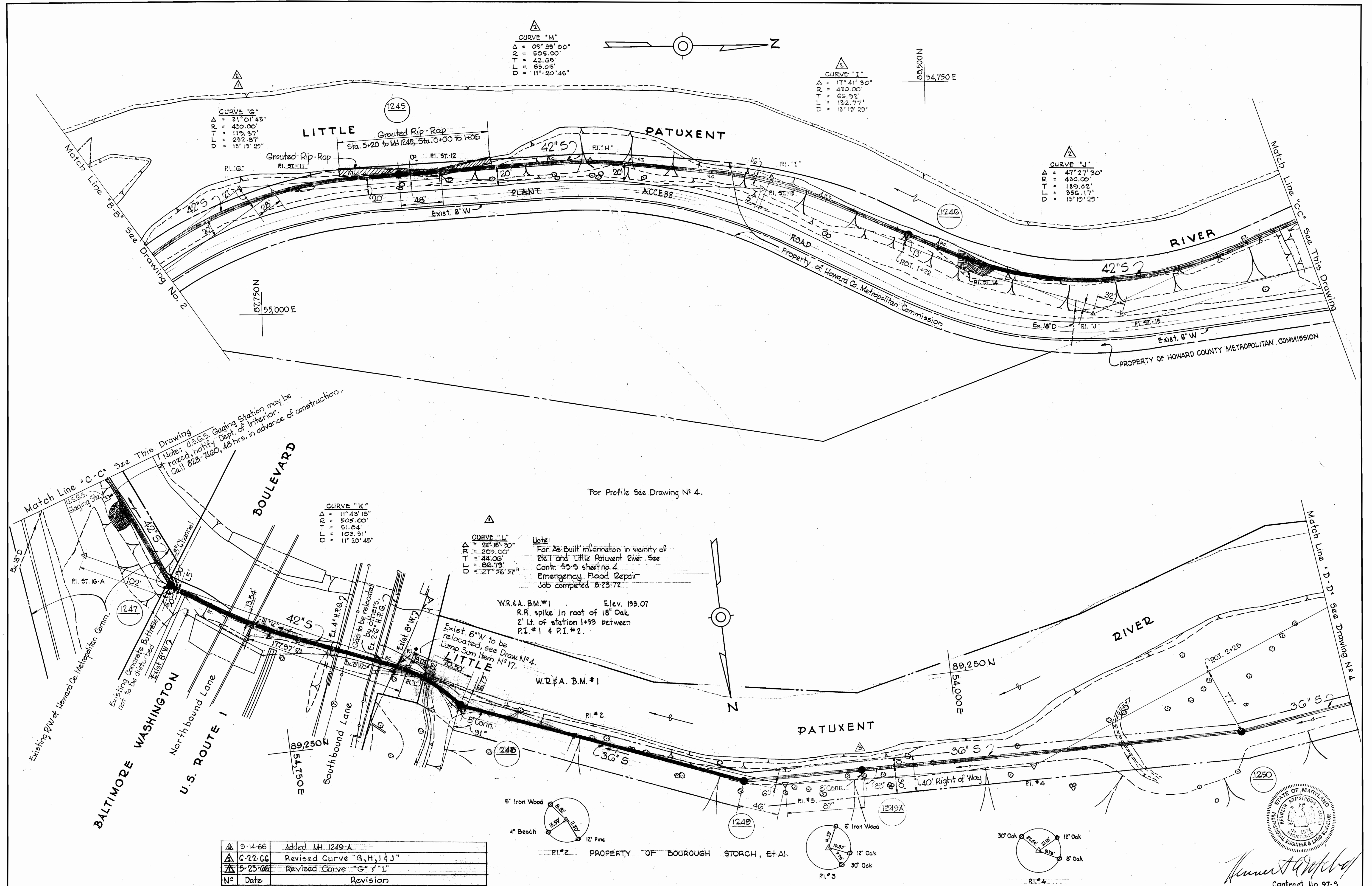
W. O. 4955-2

AS BUILT 7 AUG. 67

FD. 3260, 3260

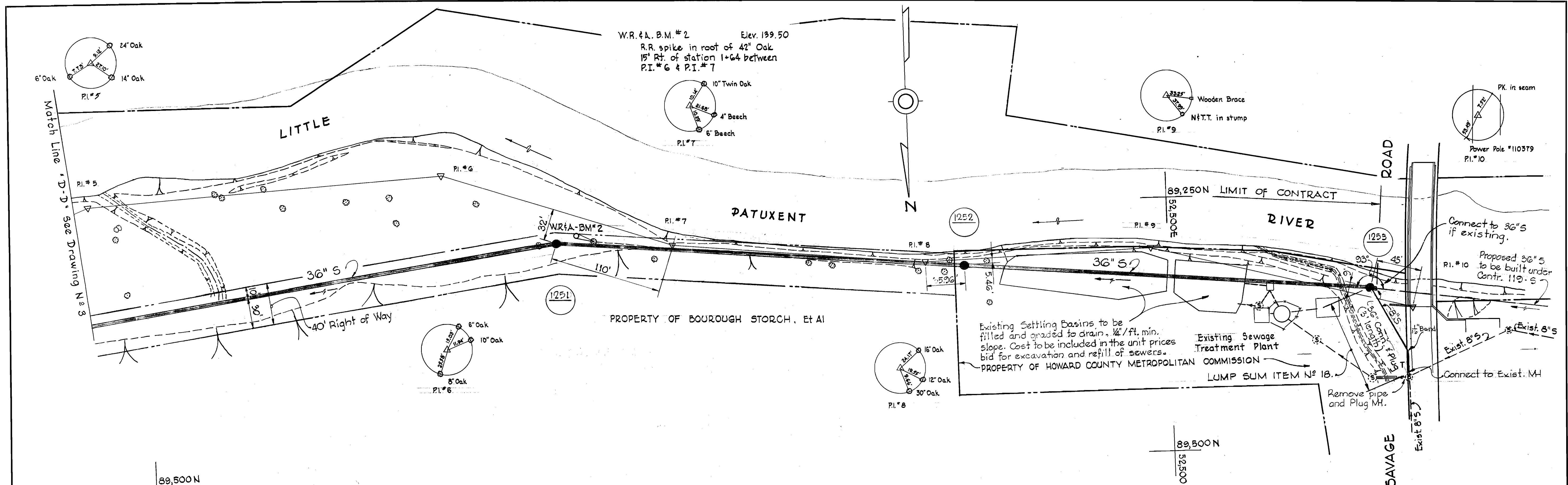
WS 97S/2

WS 975/3



No	Date	Revision
1	9-14-66	Added MH 1249-A
2	6-22-66	Revised Curve "G, H, I & J"
3	5-25-66	Revised Curve "G" & "L"

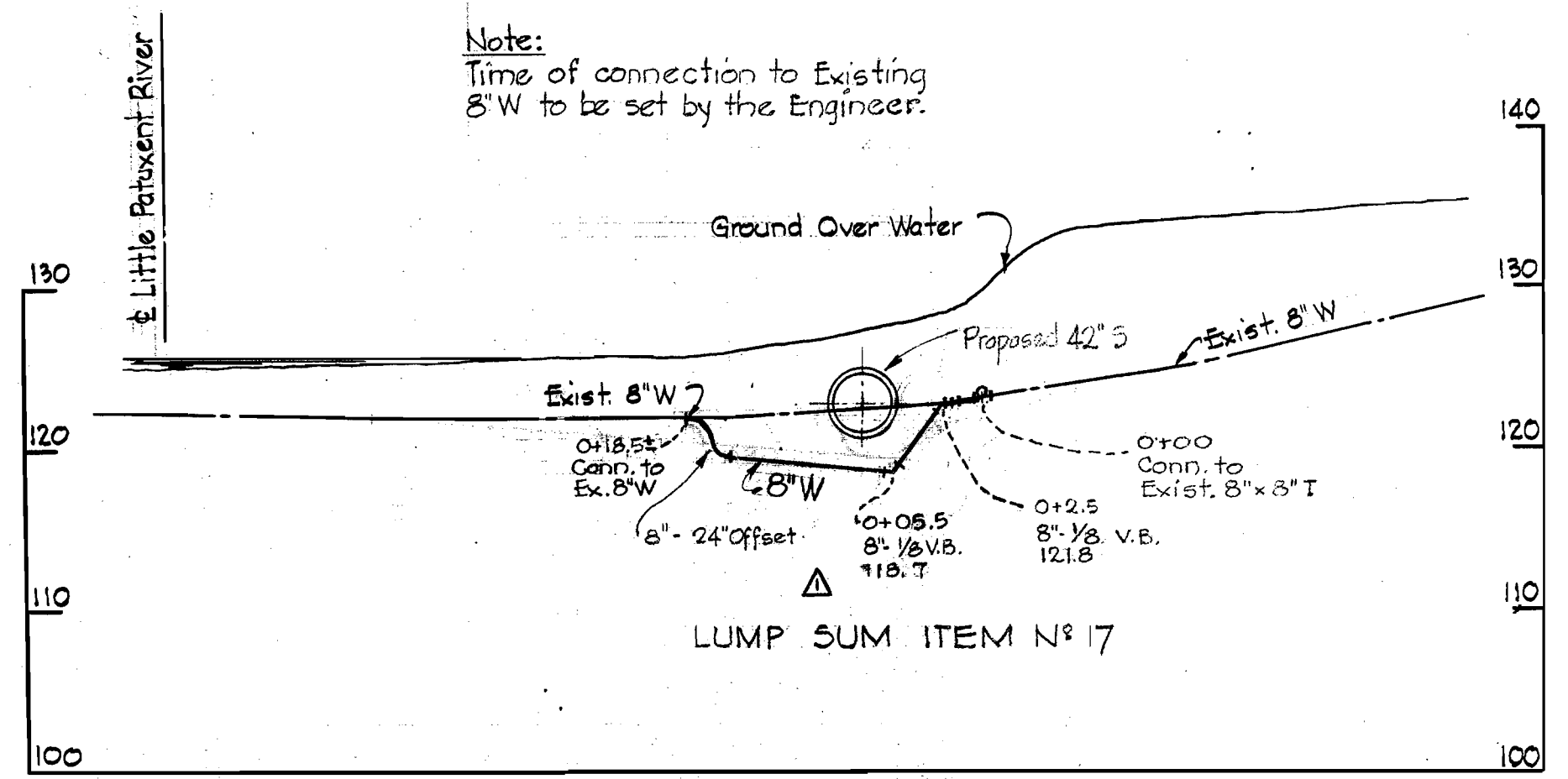
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: 3-16-66 <i>W. O. Whitman</i> CHIEF ENGINEER	CONTRACT NO. 97-S	PLAN OF SEWER MAINS	LITTLE PATUXENT RIVER INTERCEPTOR SECTION NO. 1	DRAWING NO. 3 OF 5	SCALE 1" = 50'
					Contract No. 97-5	



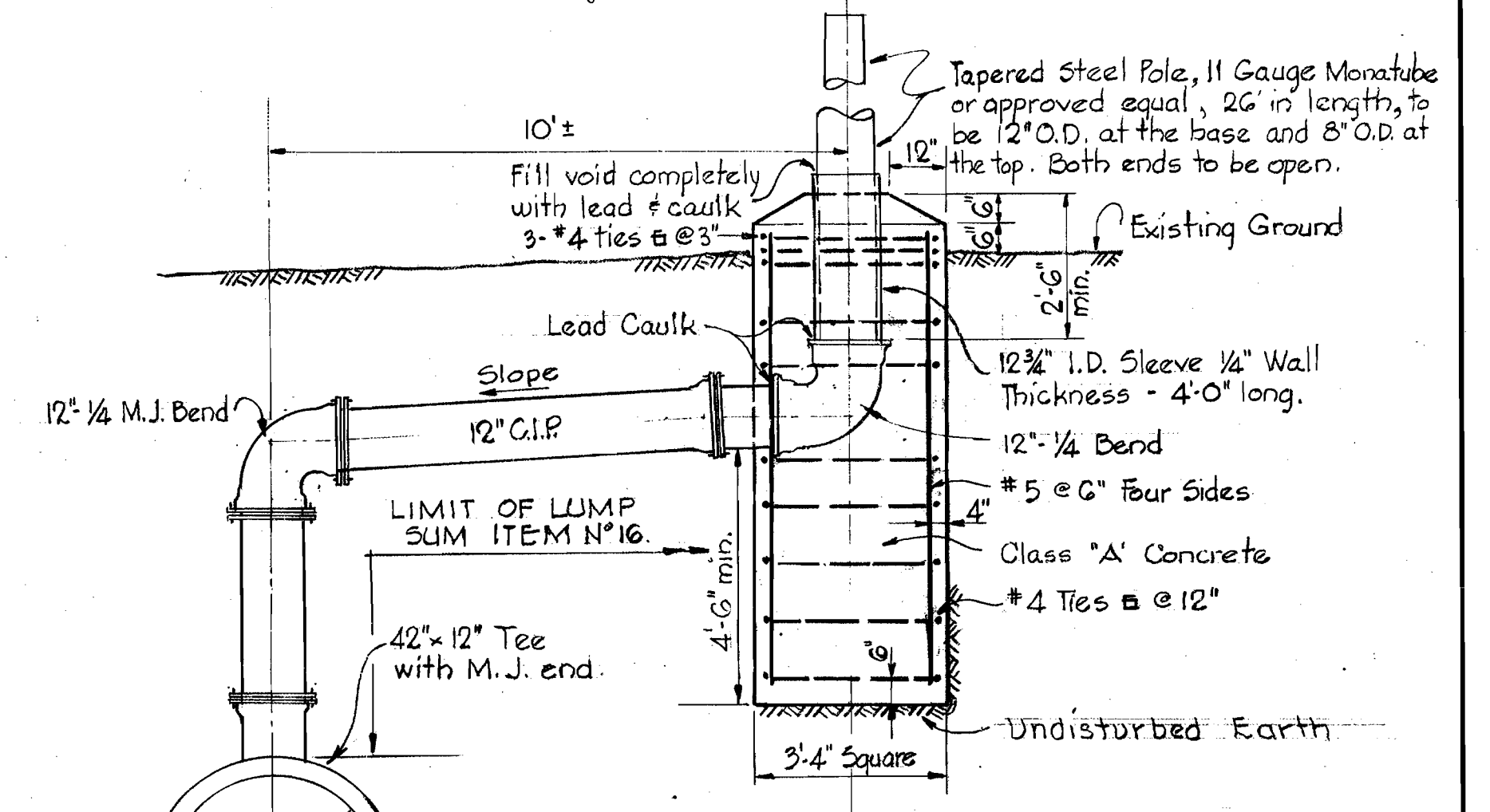
GENERAL NOTES

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. Before digging pipe, pushing or doing other work near telephone cables call collect anytime Lexington 9-9900 Ext. 553, 554 or 555, Baltimore, Maryland.
6. Build all manholes to existing ground or paving unless otherwise shown or directed by the Engineer.

Note:
Existing structures on the S.T.P. site shall be razed and all salvable material to be delivered to the H.C.M.C. store yard as directed by the Engineer, cost to be included in the unit price prices bid for excavation and refill of sewers.



RELOCATION OF EXISTING 8" W - U.S. ROUTE 1
Scale: 1"=10' H. & V.



Note:
Steel Pole to be painted as follows:
Paint to be Inertol Co. or approved equal.
(a) Interior - Primer N° 226 and 3 coats N° 49 Thick.
(b) Exterior - Primer N° 222 and 2 coats of Glamortex Enamel N° 306 (1.4 mil per coat)

DETAIL OF AIR RELEASE STACK
Scale: 3/8"=1'-0"

Δ	5-29-66	Revised "Relocation of Existing 8" W"
N°	Date	Revision

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

HOWARD COUNTY METROPOLITAN COMMISSION
3-16-66
DATE
W. O. P. [Signature]
CHIEF ENGINEER

CONTRACT NO. 97-S

PLAN OF
SEWER MAINS

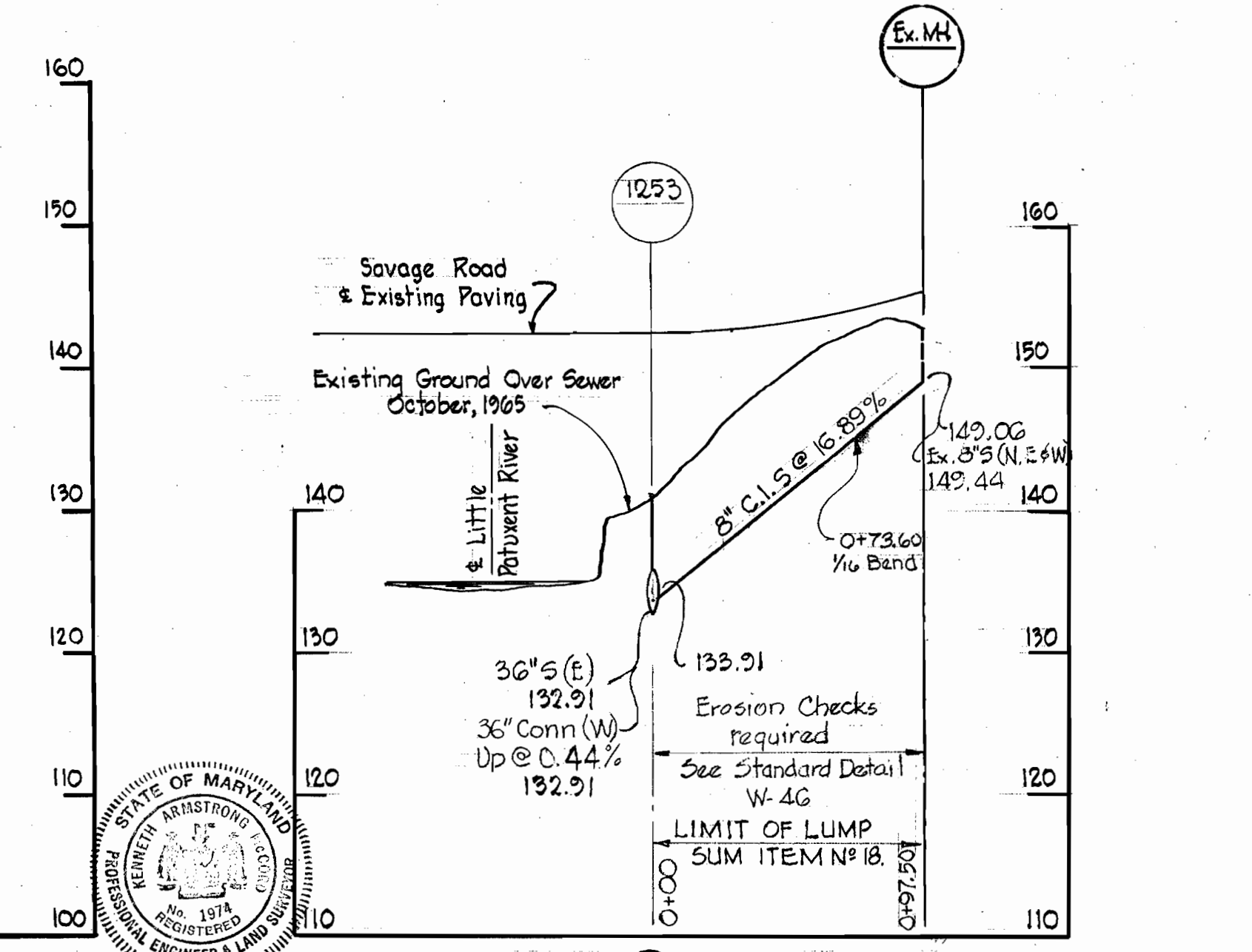
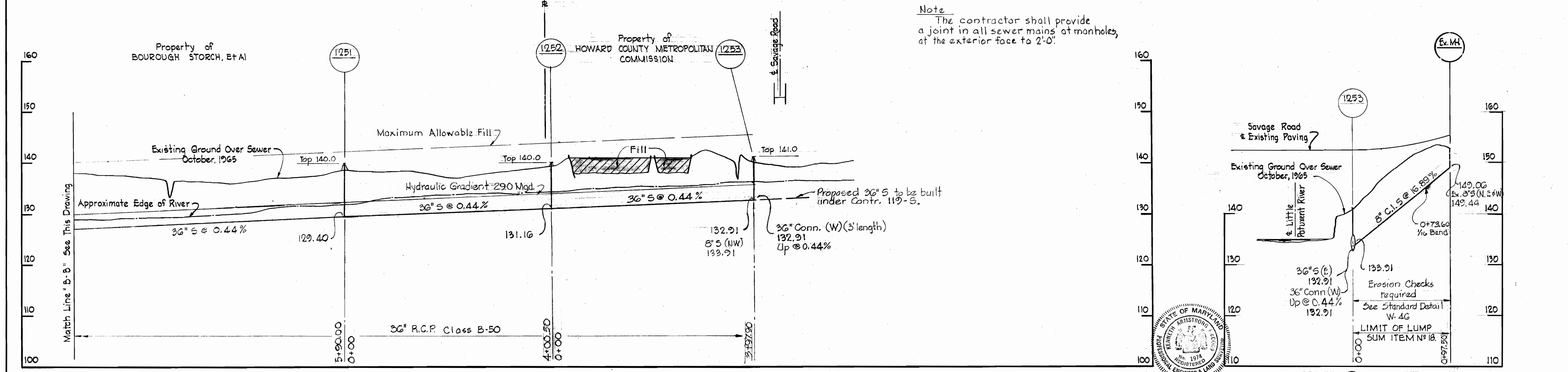
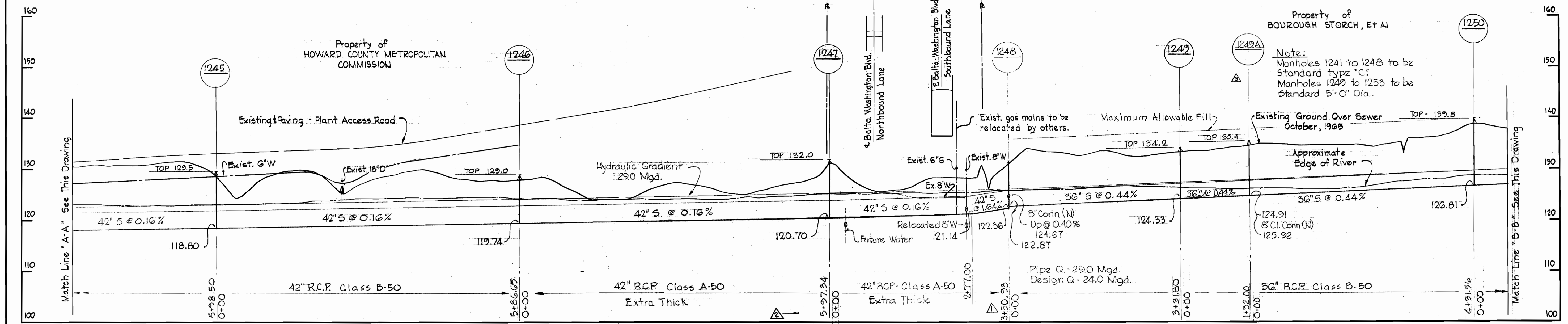
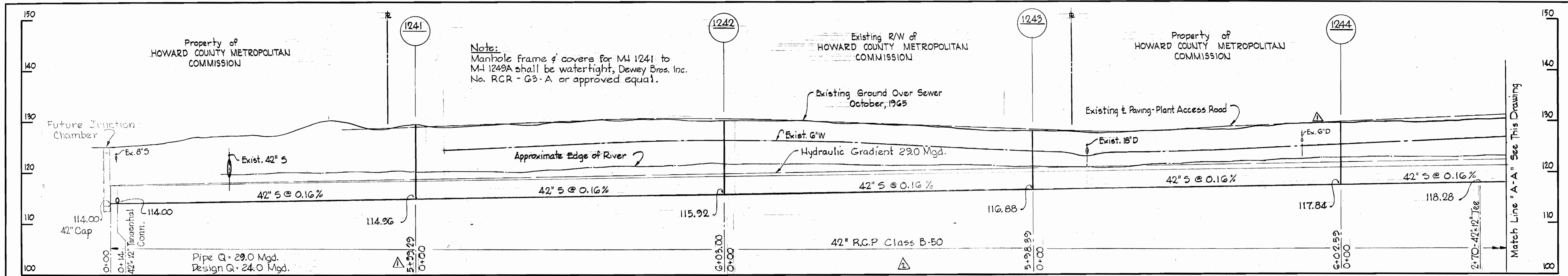
LITTLE PATUXENT RIVER INTERCEPTOR
SECTION NO. 1

DRAWING
NO. 4
OF 5
SCALE
1"=50'

Contract No. 97-S

AS BUILT 7 AUG. 67

WS 97S/4



No.	Date	Revision
1	9-14-66	Added MH 1249-A
2	5-23-66	Revised Station @ MH 1241 & MH 1248, added @ Drain @ (MH 1245-1244)

Contract No. 97-S

Scale: H: 1" = 50'
V: 1" = 10'

PROFILE

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: 3-16-66 W. O. L. [Signature] CHIEF ENGINEER	CONTRACT NO. 97-S	PROFILES OF SEWER MAINS	LITTLE PATUXENT RIVER INTERCEPTOR SECTION NO. 1	DRAWING NO. 5 OF 5	SCALE H-1"=100' V-1"=10'
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WS 97S/5