

CONTRACT 122-S
LITTLE PATUXENT RIVER INTERCEPTOR
HOWARD COUNTY METROPOLITAN COMMISSION
ELLICOTT CITY, MARYLAND



Kenneth A. McCord

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE <u>6-15-66</u> <i>W.O. Sabat</i> <small>CHIEF ENGINEER</small>	CONTRACT NO. <u>122-S</u>	LOCATION MAP	LITTLE PATUXENT RIVER INTERCEPTOR SECTION NO. 5	DRAWING NO. <u>1</u> OF <u>7</u>	SCALE AS SHOWN
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CONTRACT NO. 122-S

W. O. 5651

AS BUILT NOV. 9, 1967

1/S-221 SM

ALLVIEW ESTATES

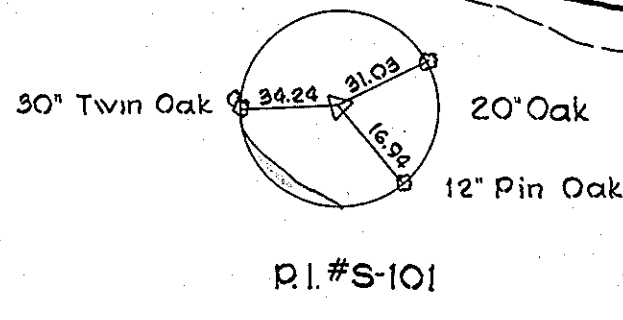
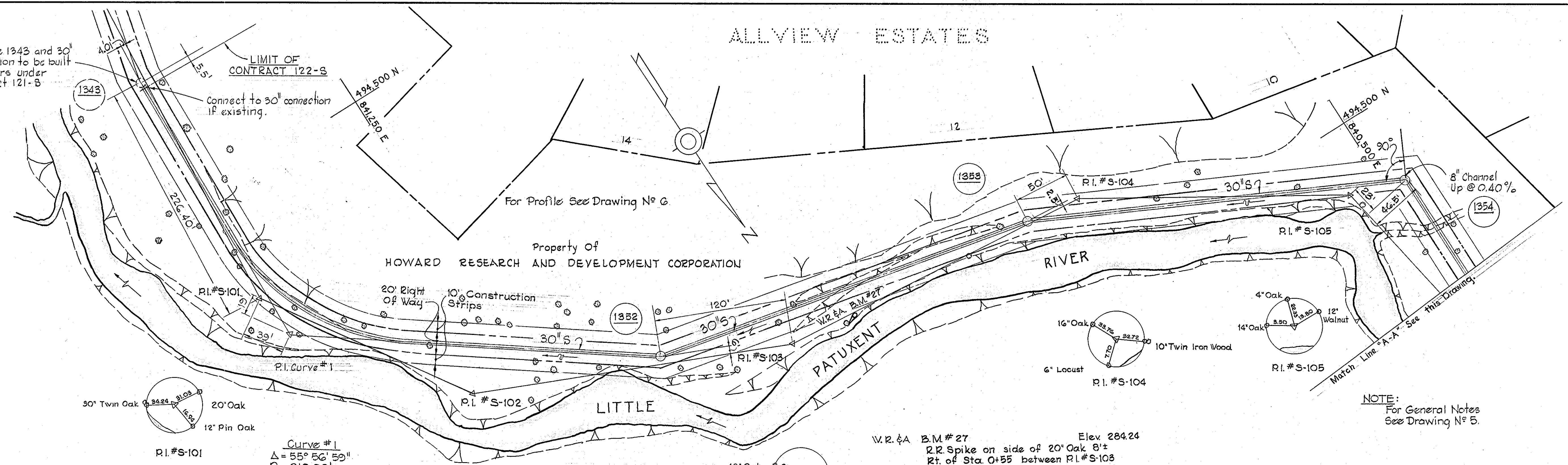
Manhole 1343 and 30" connection to be built by others under Contract 121-S

LIMIT OF CONTRACT 122-S

Connect to 30" connection if existing.

For Profile See Drawing No. G

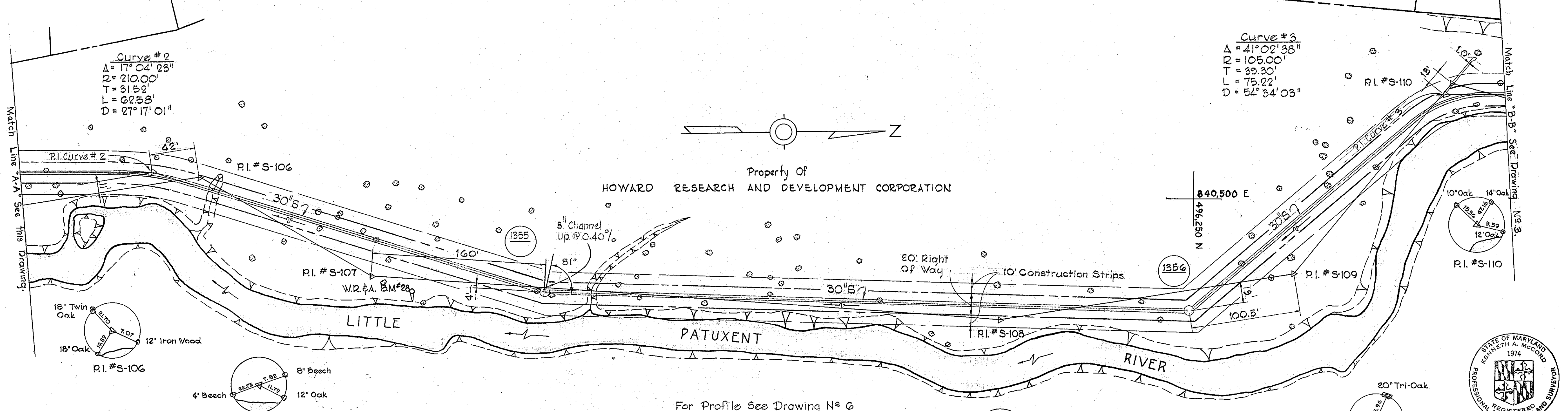
Property Of HOWARD RESEARCH AND DEVELOPMENT CORPORATION



Curve #1
 $\Delta = 55^\circ 56' 59''$
 $R = 210.00'$
 $T = 111.54'$
 $L = 205.07'$
 $D = 27^\circ 17' 01''$

W.R. & A. B.M. #27 Elev 284.24
 R.R. Spike on side of 20' Oak 8'±
 Rt. of Sta. 0+55 between R.I.#S-103 & S-104.

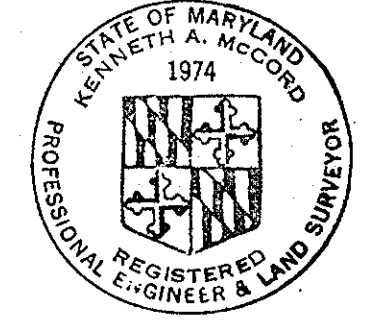
NOTE:
 For General Notes See Drawing No. 5.



Curve #2
 $\Delta = 17^\circ 04' 23''$
 $R = 210.00'$
 $T = 31.59'$
 $L = 62.58'$
 $D = 27^\circ 17' 01''$

Curve #3
 $\Delta = 41^\circ 02' 38''$
 $R = 105.00'$
 $T = 39.30'$
 $L = 75.22'$
 $D = 54^\circ 34' 03''$

W.R. & A. B.M. #28 Elev 284.86
 R.R. Spike on side of 30' Twin Oak, 20' Rt. of Sta. 0+40 between R.I.#S-107 & S-108 @ River Bank.



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W.O. 5651

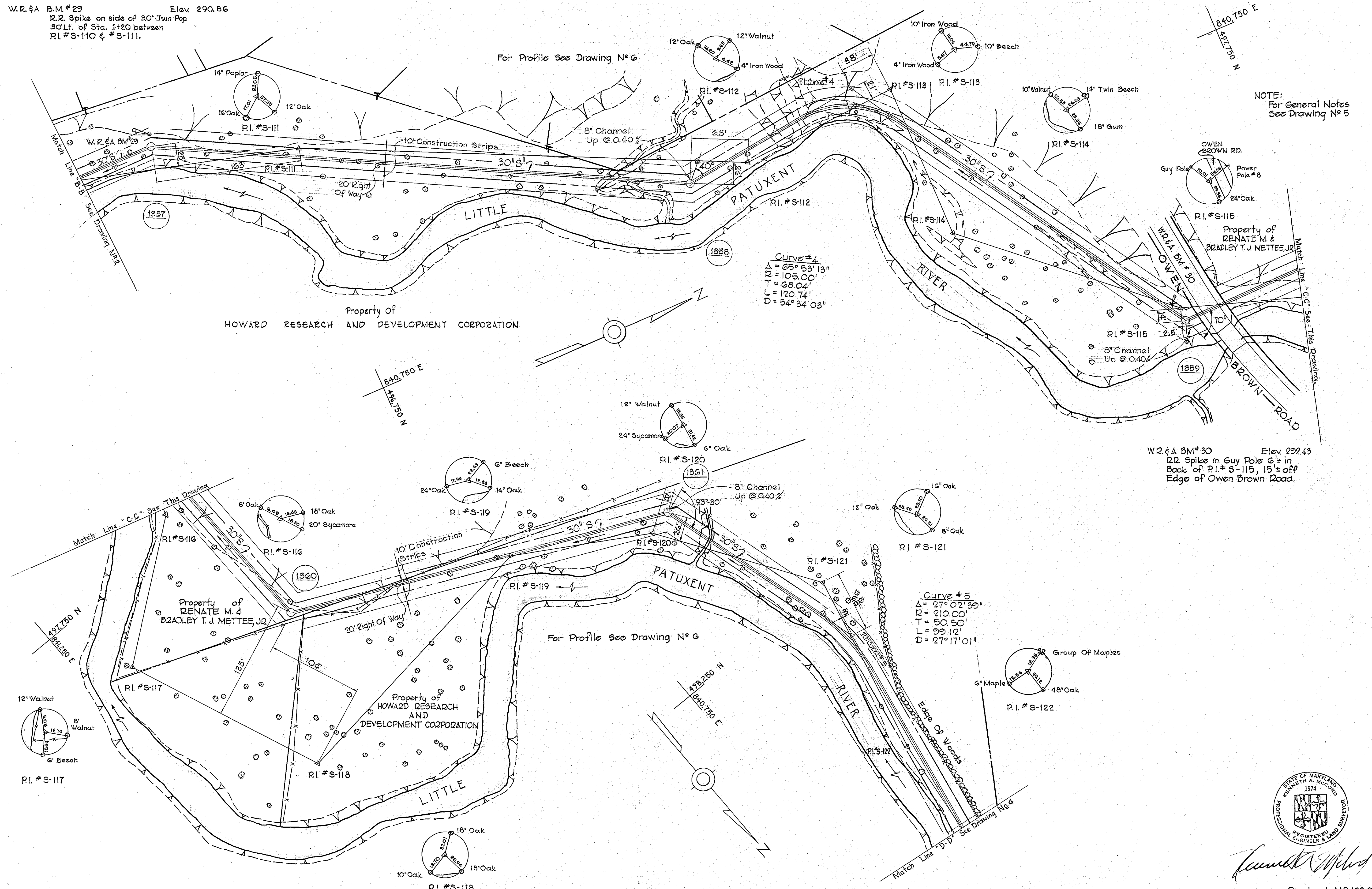
AS BUILT NOV. 9, 1967

F.P. # 3903

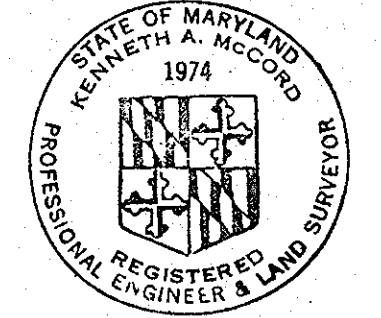
2/S-221 SM

W.R. & A. B.M. # 29 Elev. 290.86
 R.R. Spike on side of 30' Twin Pop
 30' Lt. of Sta. 1+20 between
 P.I. #S-110 & #S-111.

NOTE:
 For General Notes
 See Drawing No 5



W.R. & A. B.M. # 30 Elev. 292.43
 R.R. Spike in Guy Pole #8 in
 Back of P.I. #S-115, 15'± off
 Edge of Owen Brown Road.



Kenneth A. McCord

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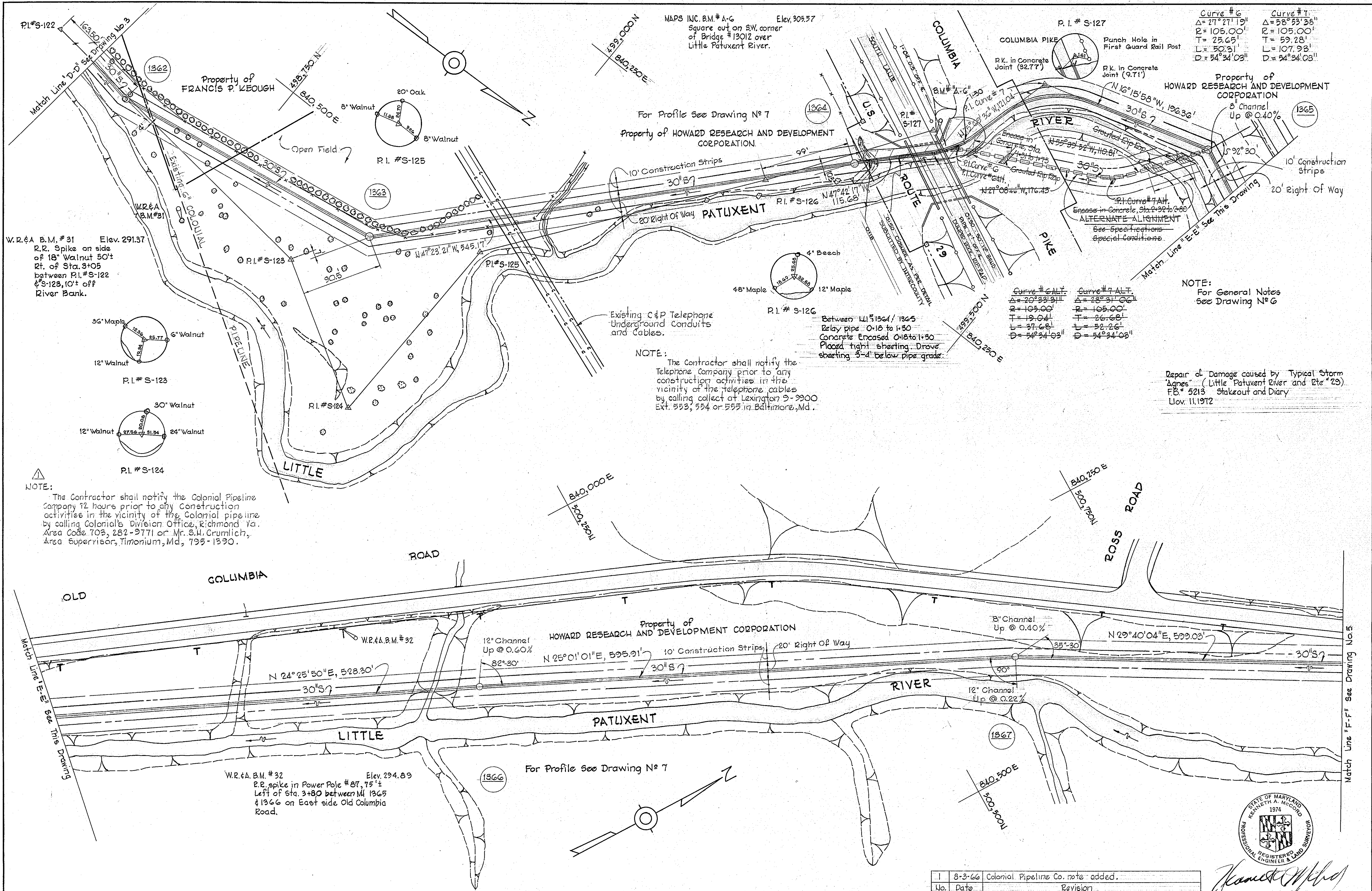
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: 6-15-66 <i>W.O. Pittman</i> CHIEF ENGINEER	CONTRACT NO. 122-S	PLAN OF SEWER MAINS	LITTLE PATUXENT RIVER INTERCEPTOR SECTION NO. 5	DRAWING NO. 3 OF 7 SCALE 1" = 50' 496-481 497-481 498-481
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W. O. 5651

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FB. # 3503, # 3522

E/S-221 SM



Curve #6	Curve #7
$\Delta = 27^\circ 27' 19''$	$\Delta = 58^\circ 53' 38''$
$R = 105.00'$	$R = 105.00'$
$T = 25.65'$	$T = 59.28'$
$L = 50.31'$	$L = 107.93'$
$D = 54^\circ 34' 03''$	$D = 54^\circ 34' 03''$

Curve #6 ALT.	Curve #7 ALT.
$\Delta = 20^\circ 22' 21''$	$\Delta = 28^\circ 31' 00''$
$R = 105.00'$	$R = 105.00'$
$T = 19.04'$	$T = 26.68'$
$L = 37.68'$	$L = 52.26'$
$D = 24^\circ 34' 03''$	$D = 54^\circ 34' 03''$

NOTE:
For General Notes
See Drawing N° 6

Repair of Damage caused by Typical Storm
"ages" (Little Patuxent River and Etc. '23).
F.B. # 5213 Stakeout and Diary
Nov. 11, 1972

NOTE:
The Contractor shall notify the
Telephone Company prior to any
construction activities in the
vicinity of the telephone cables
by calling collect at Lexington 9-3900
Ext. 553, 554 or 555 in Baltimore, Md.

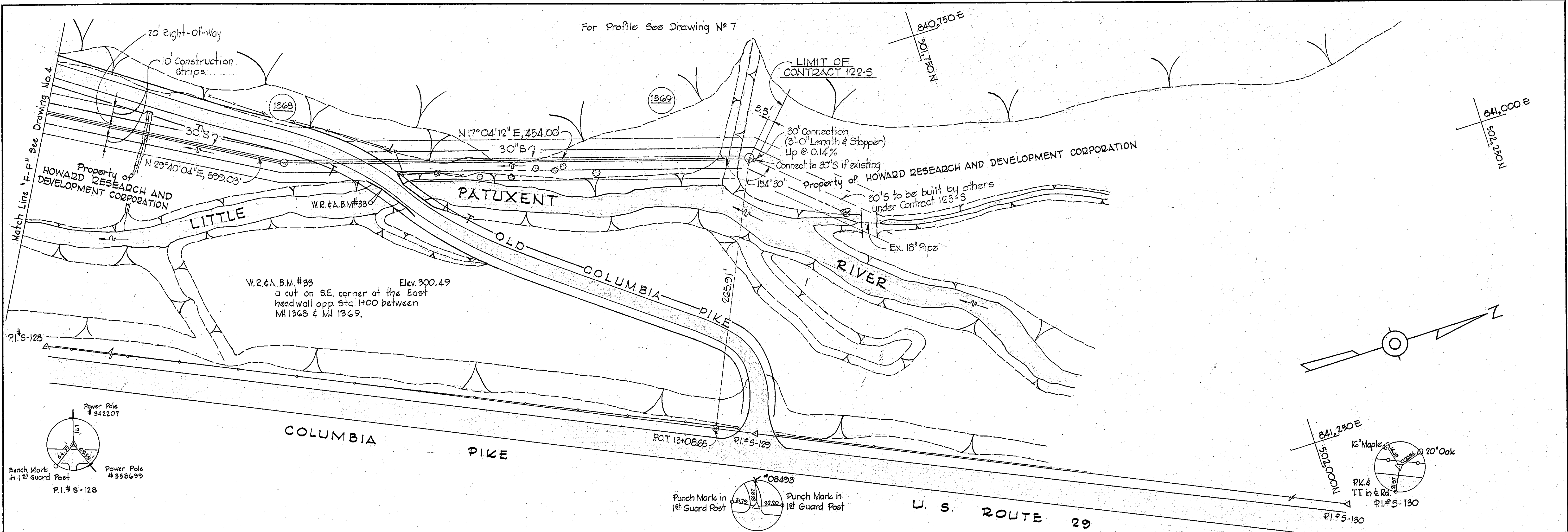
NOTE:
The Contractor shall notify the Colonial Pipeline
Company 72 hours prior to any construction
activities in the vicinity of the Colonial pipeline
by calling Colonial's Division Office, Richmond, Va.
Area Code 703, 282-3771 or Mr. S.H. Crumlich,
Area Supervisor, Timonium, Md., 795-1330.

No.	Date	Revision
1	8-3-66	Colonial Pipeline Co. note added.

STATE OF MARYLAND
KENNETH A. MCCORD
1974
REGISTERED PROFESSIONAL
ENGINEER & LAND SURVEYOR
Kenneth A. McCord
Contract No. 122-S

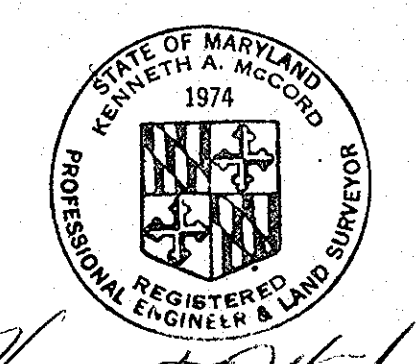
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE <u>6-15-66</u> <i>W.O. 5651</i> CHIEF ENGINEER	CONTRACT NO. 122-S	PLAN OF SEWER MAINS	LITTLE PATUXENT RIVER INTERCEPTOR SECTION NO. 5	DRAWING NO. 4	SCALE 1" = 50'
					OF 7	500-481 495-281 499-480

WS 122-S/4



GENERAL NOTES

1. Approximate locations 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 details not shown, see Standard Details bound in Specifications.
5. Build all manholes to 1'-6" above existing ground unless noted otherwise.
6. All sewers shall be R.C.P. Class B-50 unless otherwise noted.
7. All manholes shall be 5'-0" inside diameter.
8. Clear all poles by 2'-0" minimum.
9. Coordinate Values shown are in the Maryland State Grid System.
10. The Contractor shall provide a joint in each sewer main within 2'-0" of all manhole walls.



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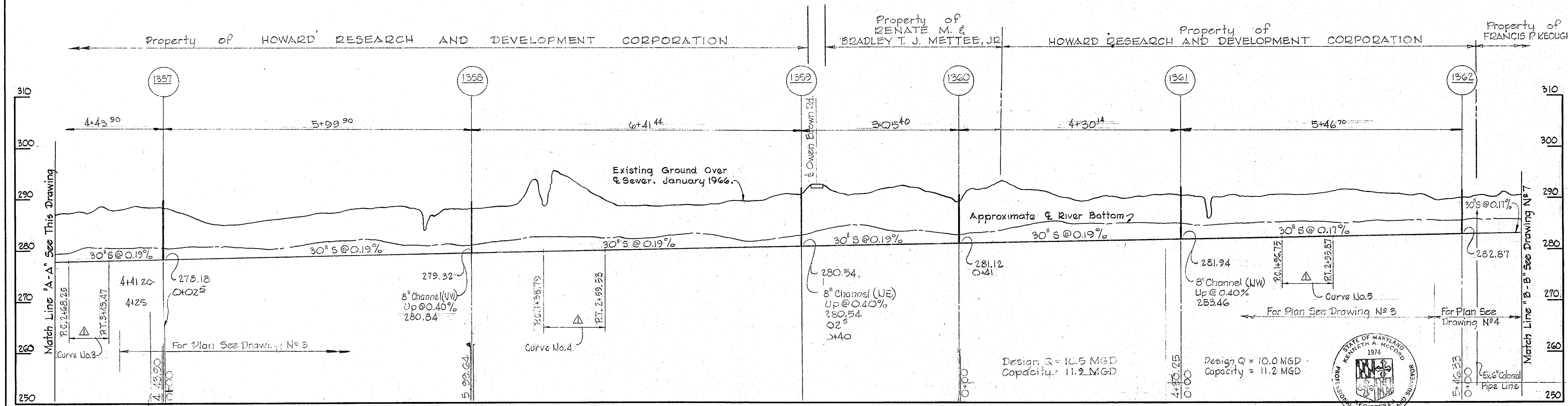
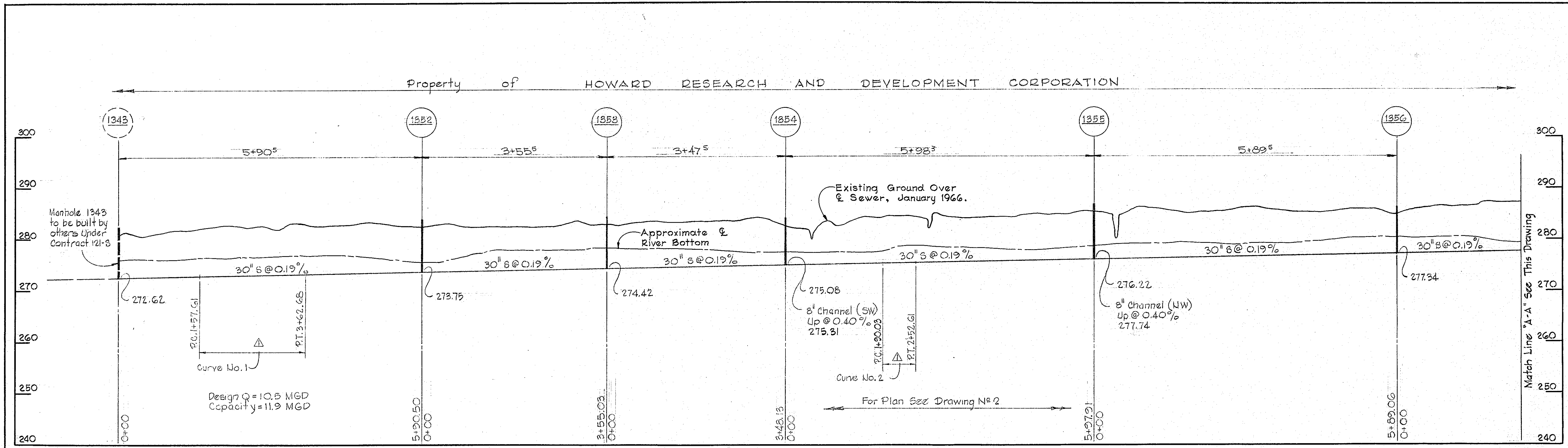
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: 6-15-66 W. O. Libbert CHIEF ENGINEER	CONTRACT NO. 122-S	PLAN OF SEWER MAINS	LITTLE PATUXENT RIVER INTERCEPTOR SECTION NO. 5	DRAWING NO. 5 OF 7 SCALE 1" = 50' 302-481 201-481
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W. O. 5651

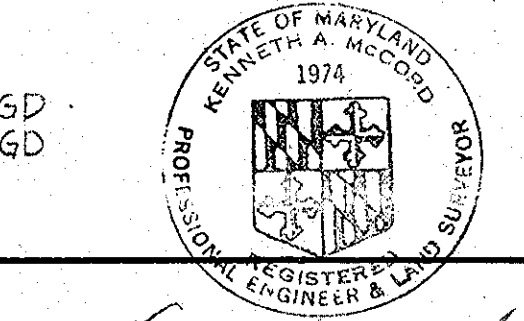
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FB# 9922

S/S-221 SM



No.	Date	Revision
1	8-1-66	Curve Information Added.



Kenneth A. McCord

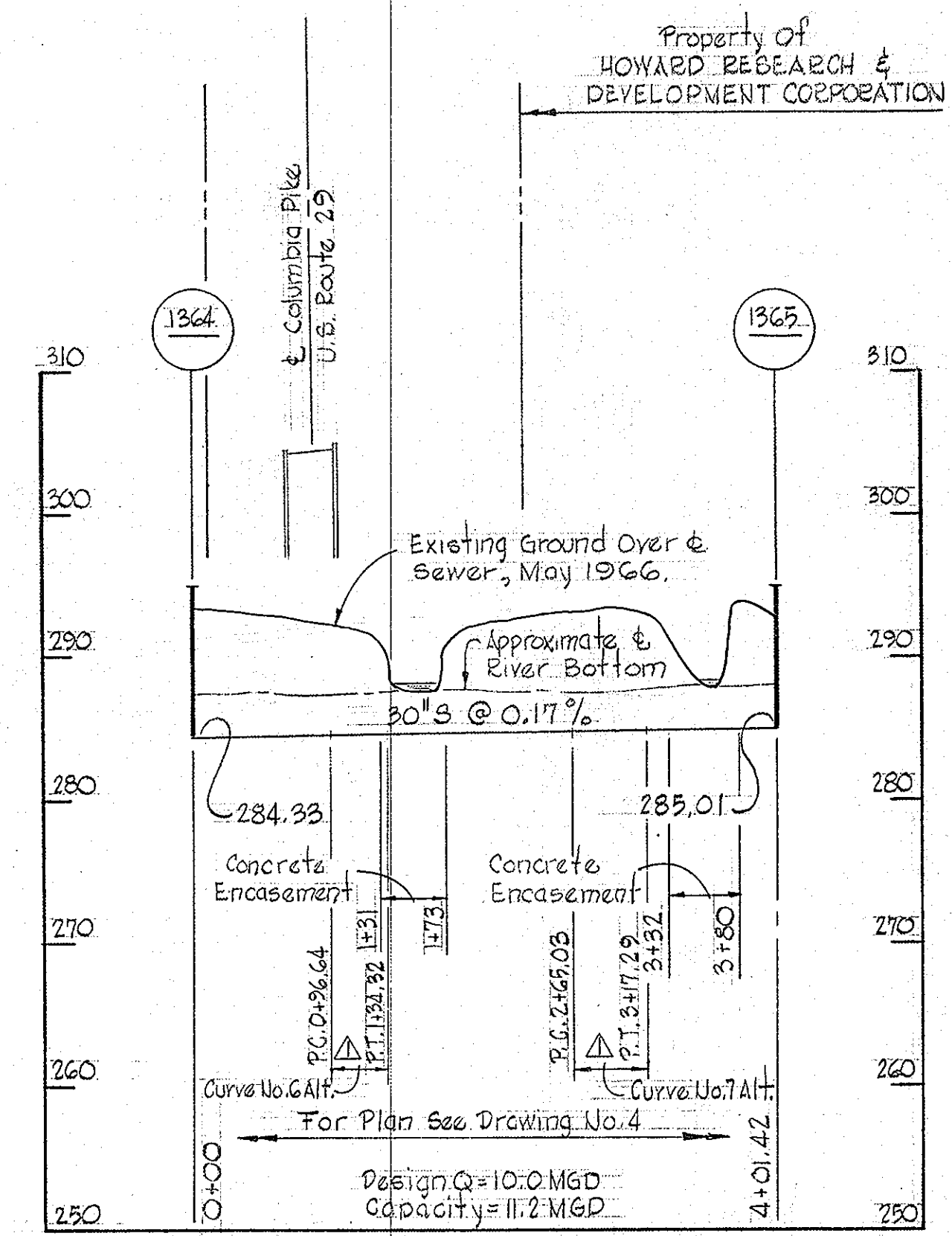
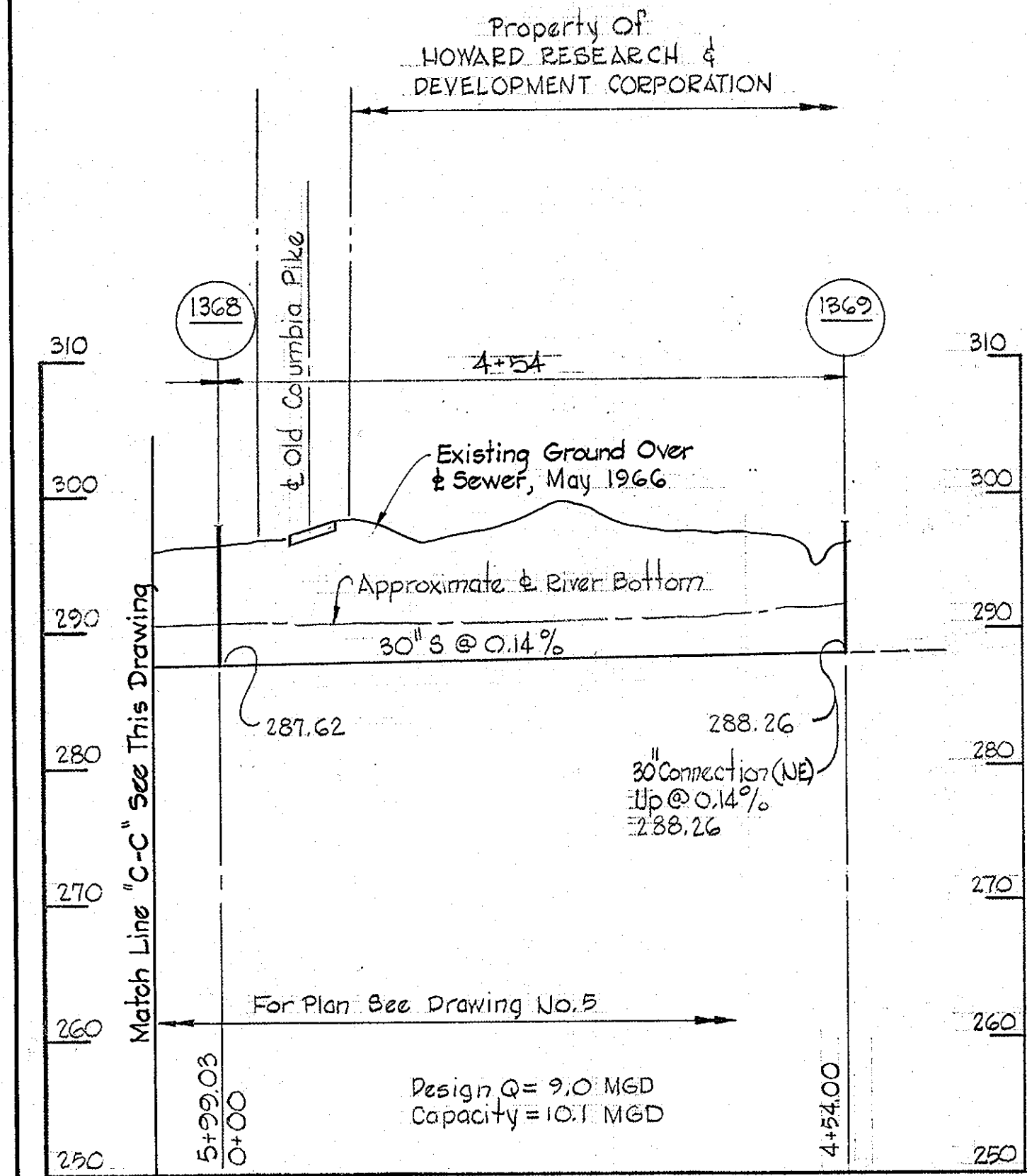
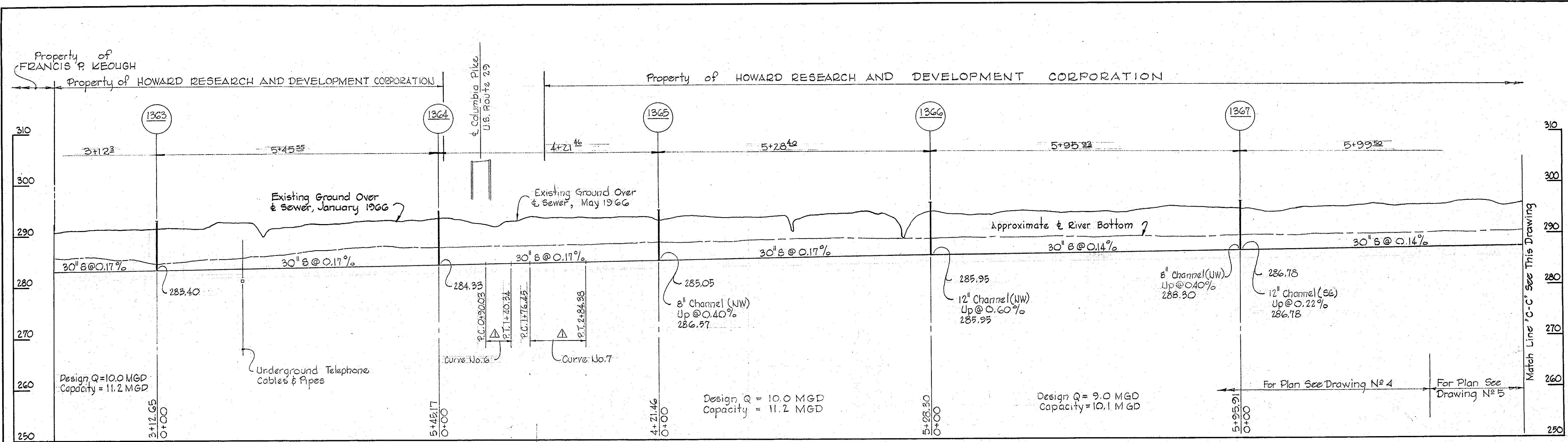
Contract No. 122-5

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE <u>6-15-66</u> <i>W. O. Libbert</i> CHIEF ENGINEER	CONTRACT NO. <u>122-5</u>	PROFILE OF SEWER MAINS	LITTLE PATUXENT RIVER INTERCEPTOR SECTION NO. 5	DRAWING NO. <u>6</u>	SCALE H-1"=100'
					OF <u>7</u>	V-1"=10'

W. O. 5651

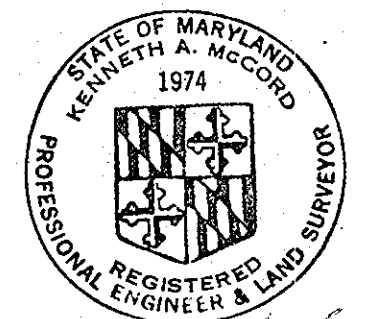
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WS 122-5/6



ALTERNATE NO. 1

1	8-1-66	Curve Information Added
No.	Date	Revision



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WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION 6-15-66 DATE	W. O. L. <i>W. O. L.</i> CHIEF ENGINEER	CONTRACT NO. 122-S	PROFILE OF SEWER MAINS	LITTLE PATUXENT RIVER INTERCEPTOR SECTION NO. 5	DRAWING NO. 7 OF 7	SCALE H-1"=100' V-1"=10'
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W. O. 5651

AS BUILT NOV. 9, 1967

L/S-221 SM