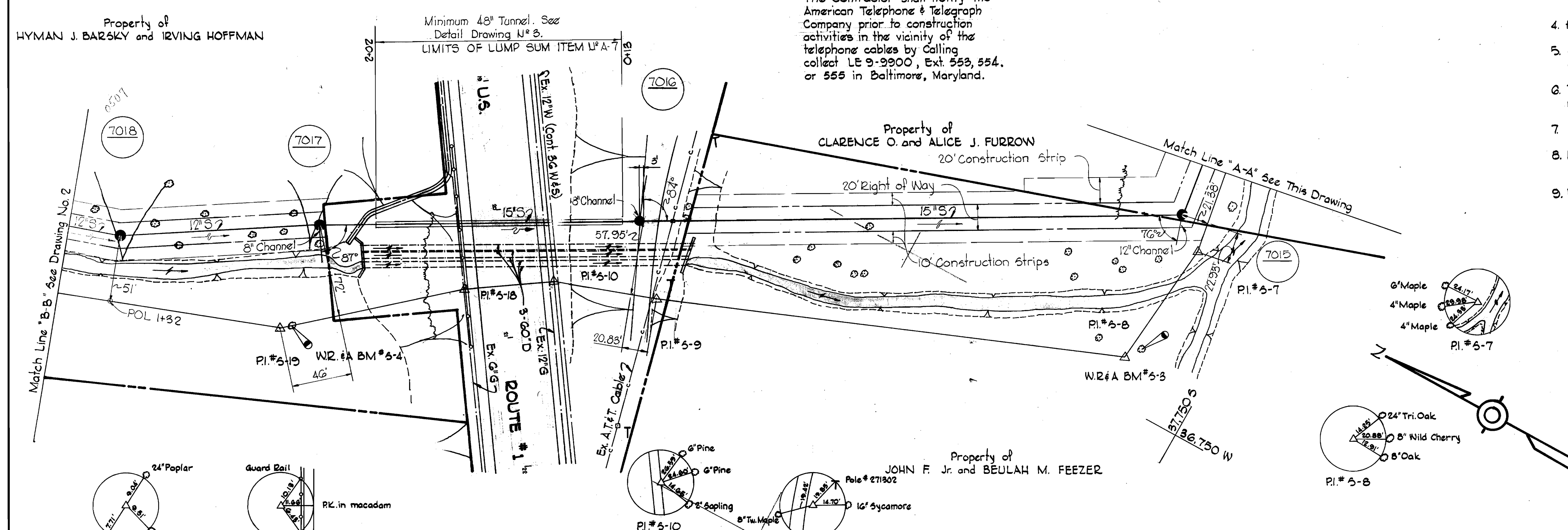


VICINITY MAP
Scale: 1"=600'

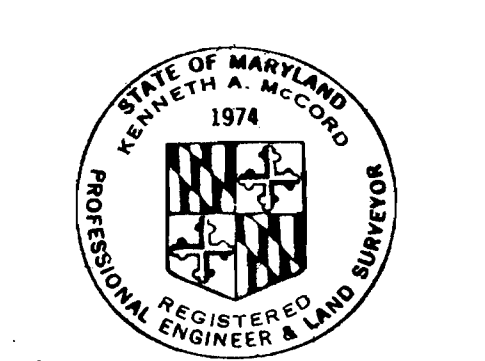
GENERAL NOTES

1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect 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. Clear all utilities by a minimum of 6'. Clear all poles by 2'-0" minimum or tunnel as required.
6. The Contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
7. All manholes shall be 4'-0" inside diameter unless otherwise noted.
8. Horizontal and Vertical controls are based on Howard County Datum.
9. Build all manholes 1'-6" above existing ground unless otherwise shown.

NOTE:
The Contractor shall notify the American Telephone & Telegraph Company prior to construction activities in the vicinity of the telephone cables by calling collect LE 9-9900, Ext. 553, 554, or 555 in Baltimore, Maryland.



AS-BUILT
Stakeout in F.B.# 555G
Diary in F.B.# 5557

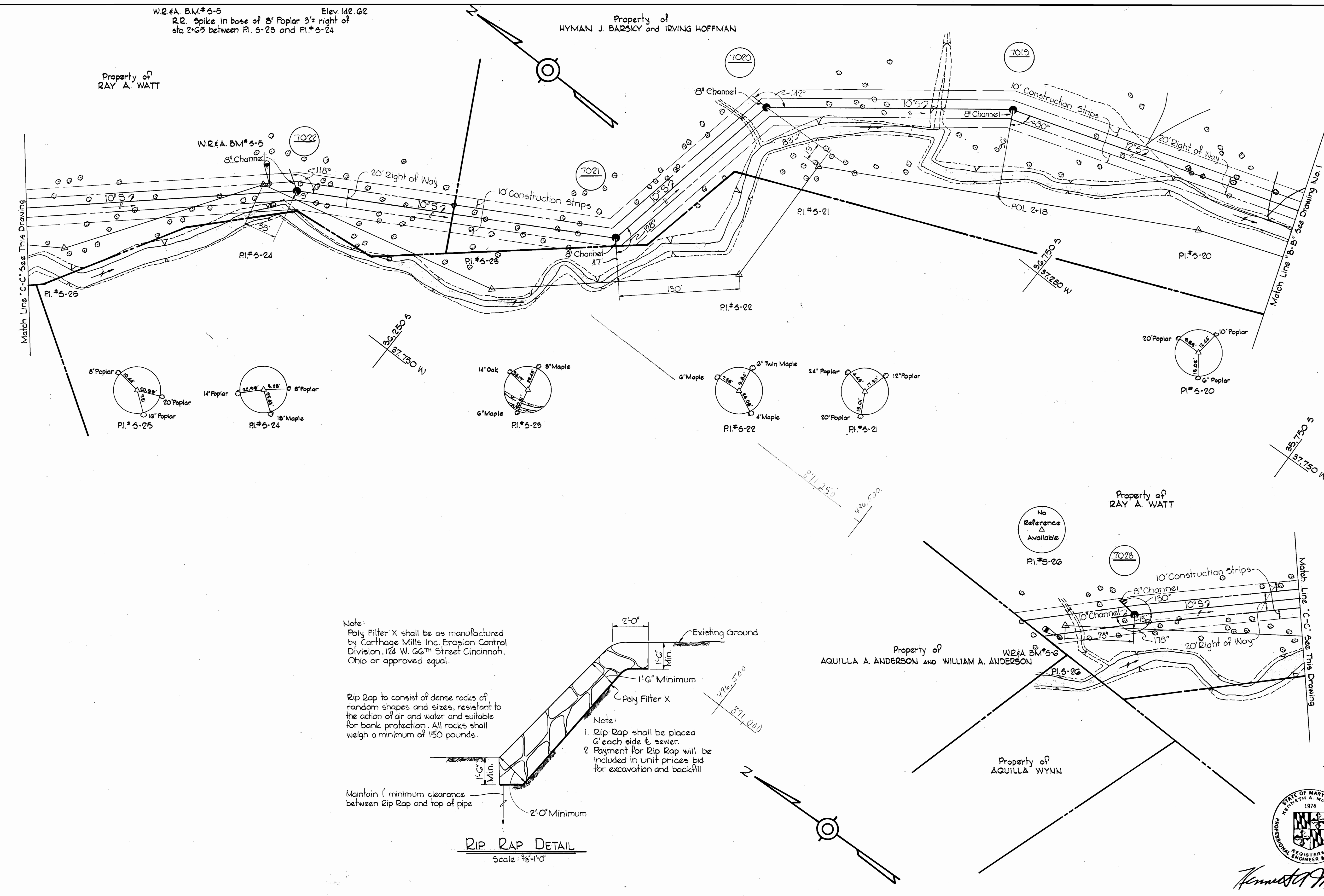


Kenneth A. McLeod
Ridge Manor
Contract No. 465-S

Added Manhole No. 7012
Added Manhole No. 7012A
Revision

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-6-73 DATE <i>W.O. Fellert</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 465-S	PLAN OF SEWER MAINS	ELECTION DISTRICT ELKRIDGE NO. 1	DRAWING NO. 1 OF 3	SCALE 1"=50'
					FB#5123 AS BUILT April 23, 1975	

WS 465-S/1



W.R.#A. B.M.#5-5 Elev. 142.02
 R.R. Spike in base of 8' Poplar 3' right of
 sta. 2+65 between P.I.#5-23 and P.I.#5-24

Property of
 RAY A. WATT

Property of
 HYMAN J. BARSKY and IRVING HOFFMAN

Property of
 RAY A. WATT

Property of
 AQUILLA A. ANDERSON and WILLIAM A. ANDERSON

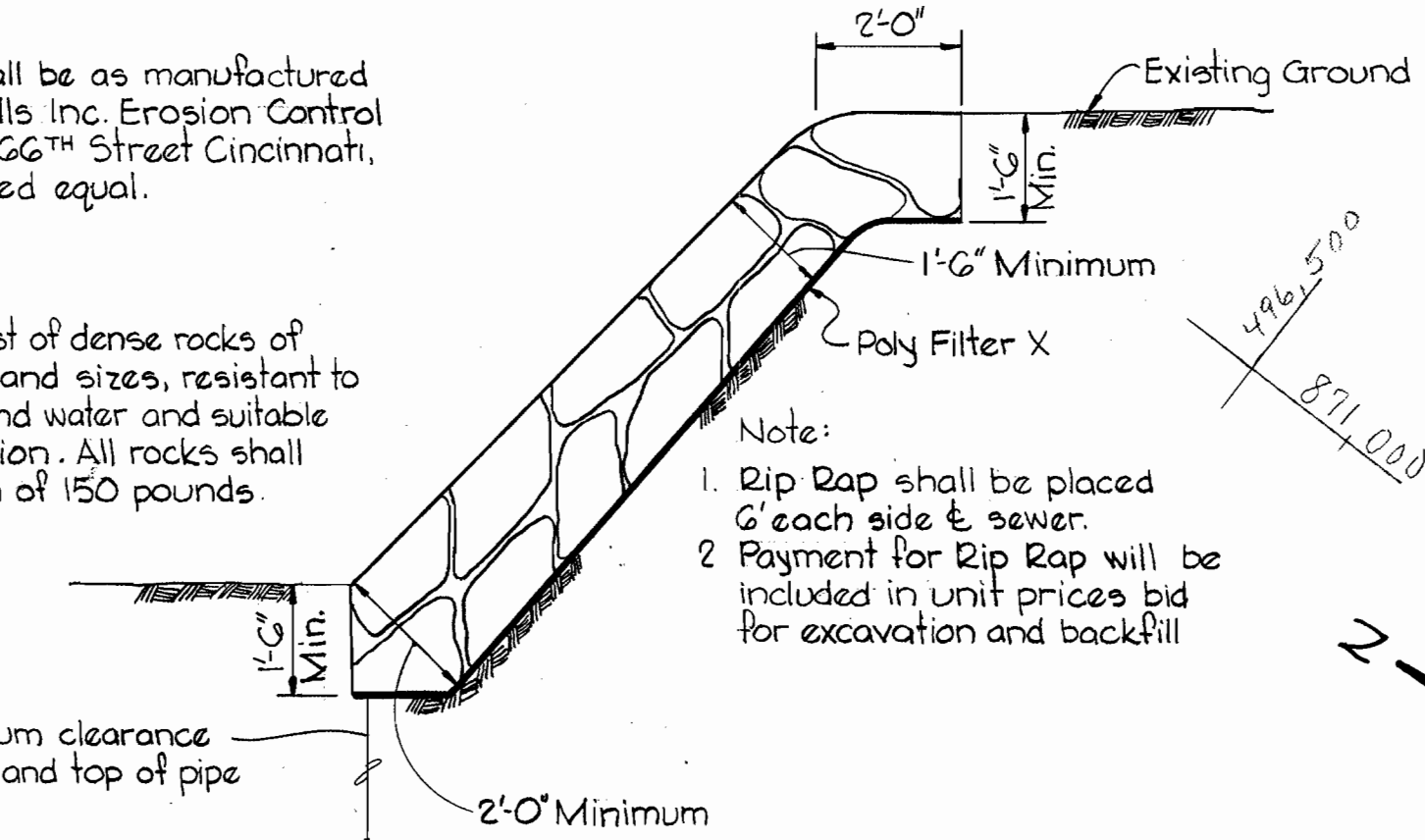
Property of
 AQUILLA WYNN

Note:
 Poly Filter X shall be as manufactured
 by Carthage Mills Inc. Erosion Control
 Division, 124 W. 66th Street Cincinnati,
 Ohio or approved equal.

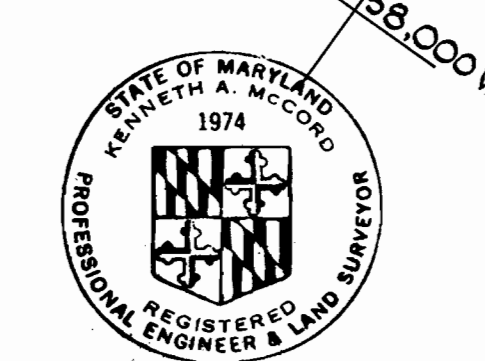
Rip Rap to consist of dense rocks of
 random shapes and sizes, resistant to
 the action of air and water and suitable
 for bank protection. All rocks shall
 weigh a minimum of 150 pounds.

Note:
 1. Rip Rap shall be placed
 6' each side of sewer.
 2. Payment for Rip Rap will be
 included in unit prices bid
 for excavation and backfill

Maintain 1' minimum clearance
 between Rip Rap and top of pipe



RIP RAP DETAIL
 Scale: 3/8"=1'-0"



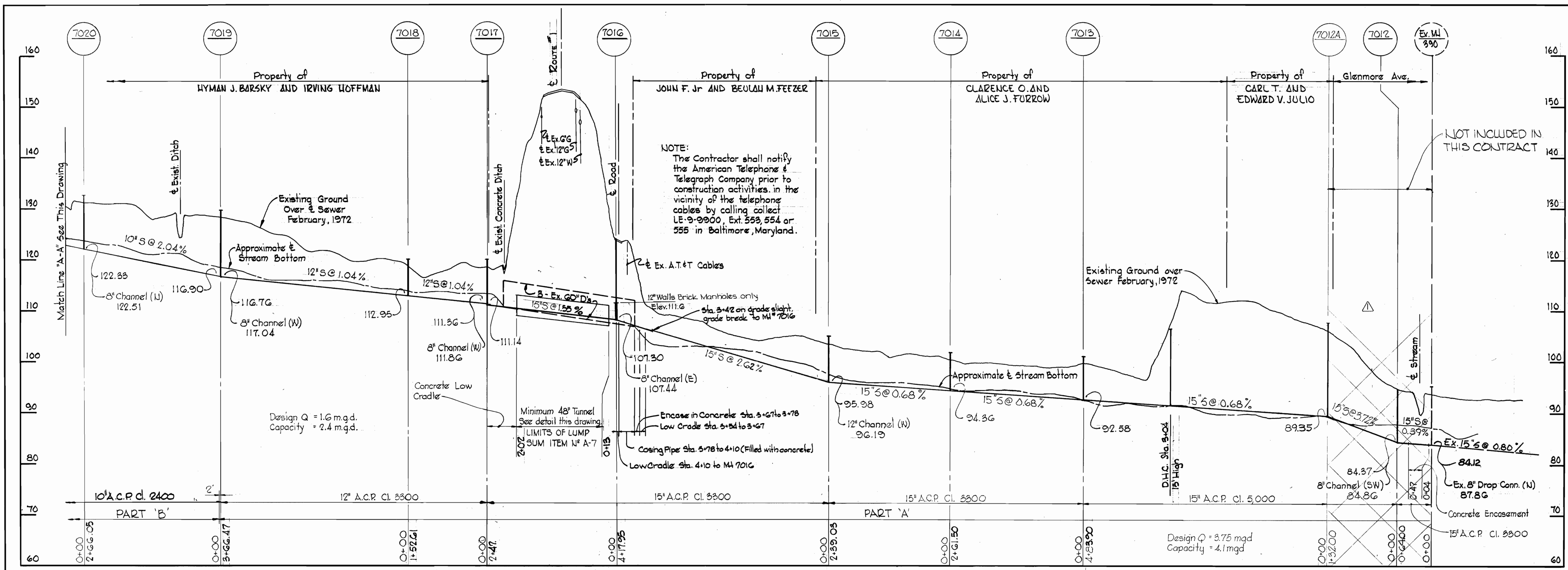
Kenneth A. McLeod

W.R.#A. B.M.#5-6 Elev. 150.13
 2-10 penny nails in base of 10' Pop. 10' left of P.I.#5-26

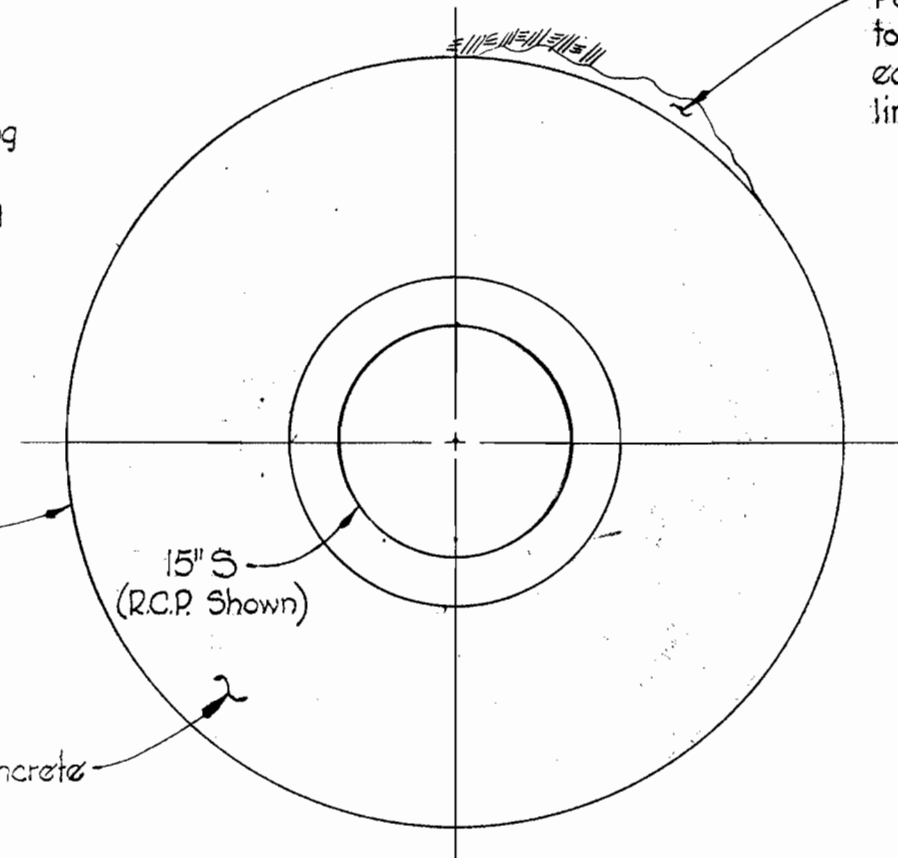
Ridge Manor
 Contract No. 465-5

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 11-6-73 <i>W.O. Filbert</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 465-S	PLAN OF SEWER MAINS	ELECTION DISTRICT ELKRIDGE NO. 1	DRAWING NO. 2 OF 3 SCALE 1"=50' FB*5123 AS SHOWN April 23, 1975
--	---	---------------------------	----------------------------	---	---

WS 465-S/2



NOTE:
Block sewer pipe inside casing to prevent flotation during construction.



Pump grout or pumpcrete to fill voids between earth and exterior of liner plate.

NOTE:
A joint shall be provided in the sewer main within 12' maximum of the ends of the tunnel.

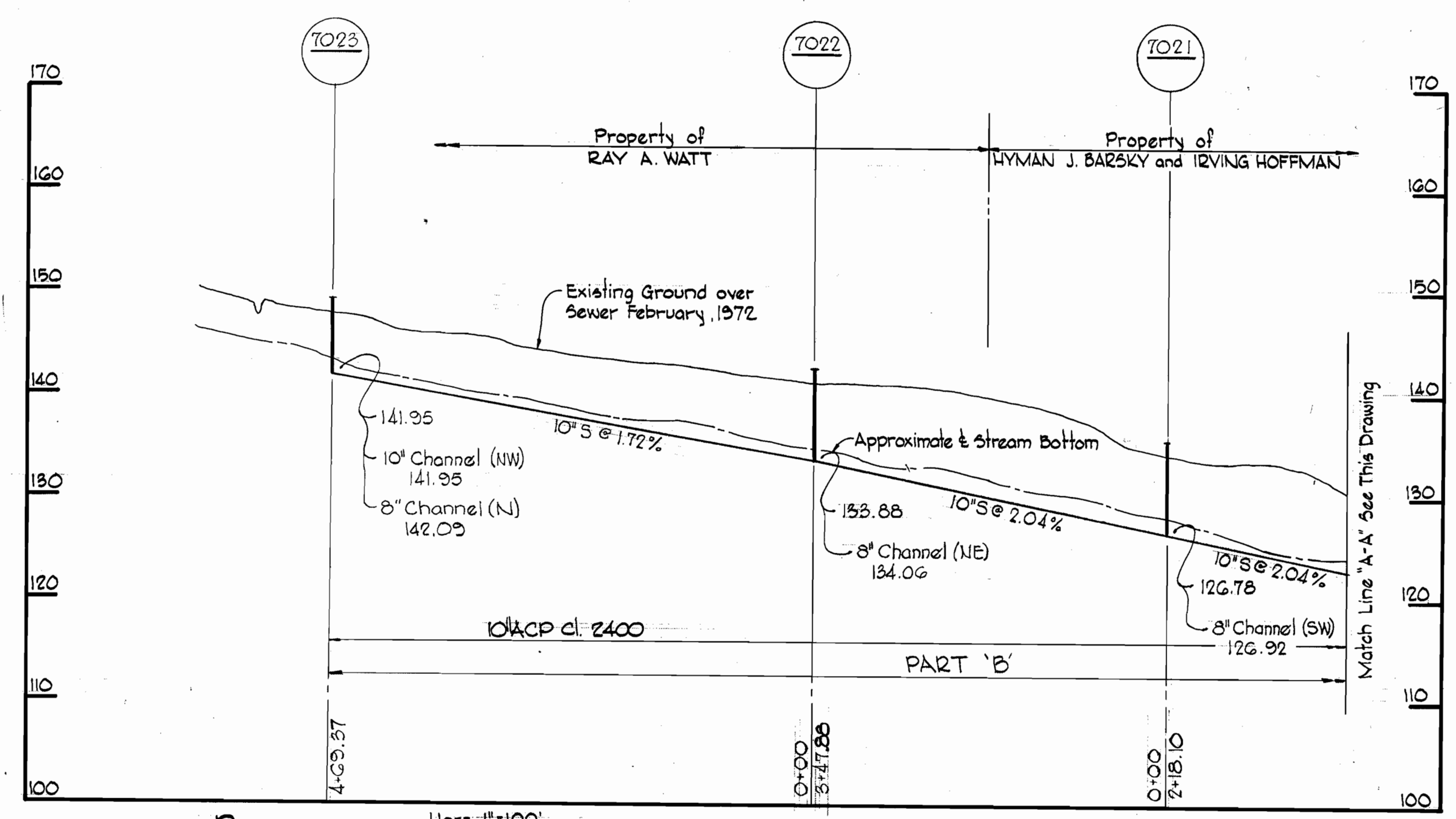
MINIMUM LINER PLATE REQUIREMENTS	
Armco	12 Gage
Commercial	12 Gage

TUNNEL DETAIL
Scale: 1" = 1'-0"

No.	Date	Revisions
1	3-8-74	Revised Sewer Profile between Manholes 7012 and 7012A



Kenneth A. McCord



PROFILE Scale: Horz. 1" = 100'
Vert. 1" = 10'

Ridge Manor
Contract No. 465-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-6-73 DATE	CONTRACT NO. <u>465-S</u>	PROFILES & DETAILS OF SEWER MAINS	ELECTION DISTRICT ELKRIDGE NO. 1	DRAWING NO. 3 OF 3	SCALE AS SHOWN
					W. O. 6024-2	April 23, 1975

AS BUILT

WS 465-S/3