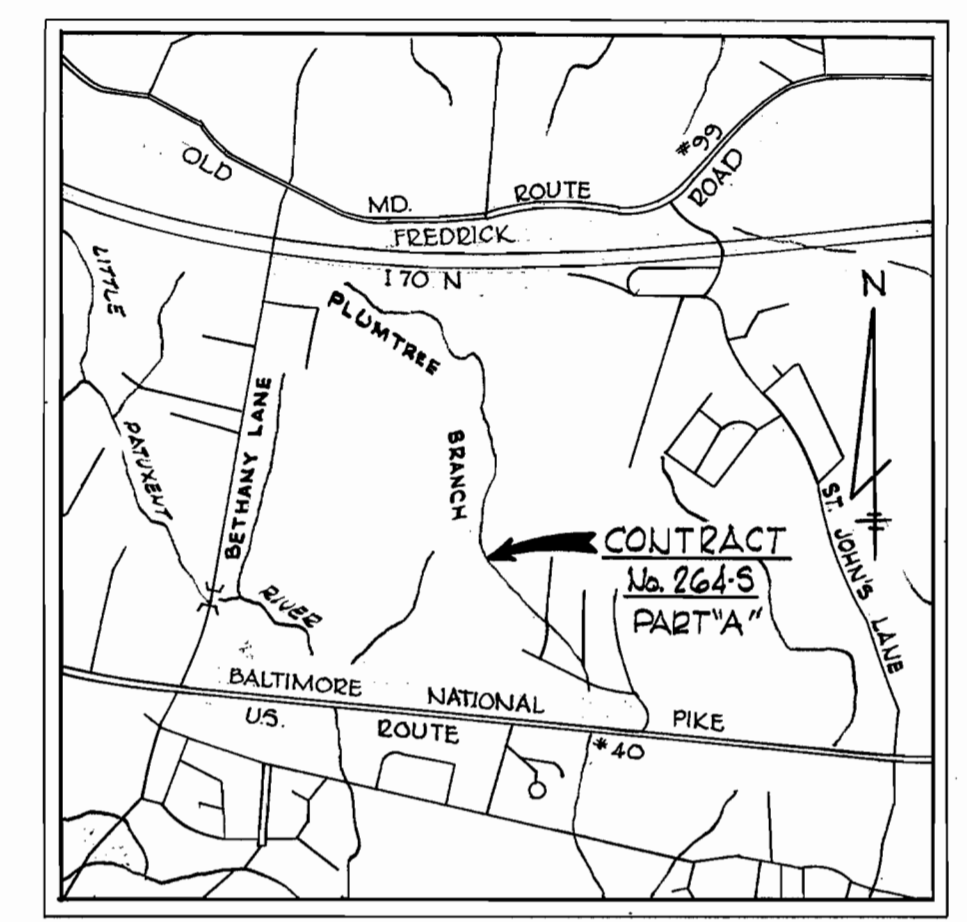
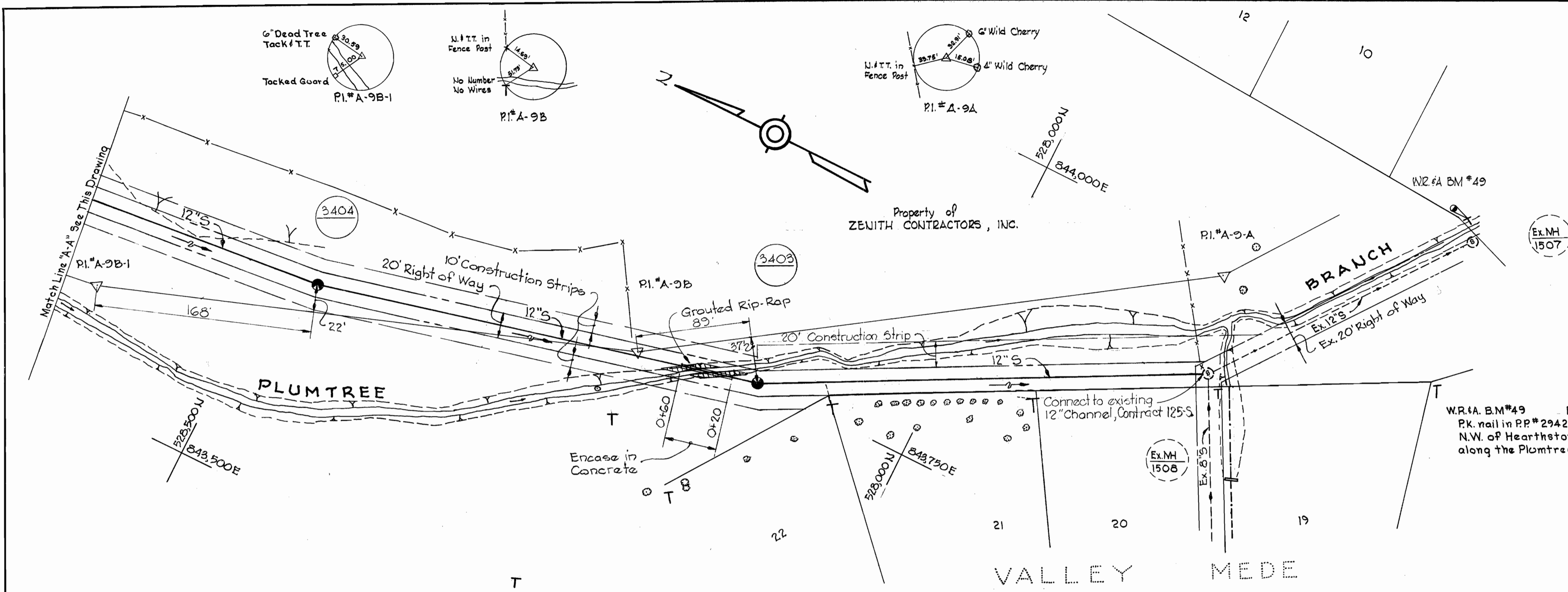


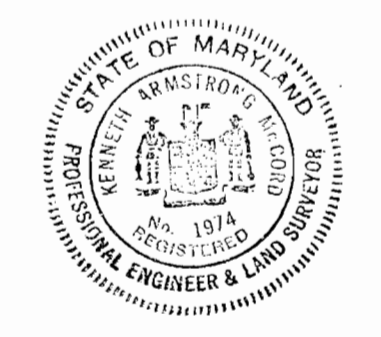
WS 264-S/1



W.R.#A. B.M.#49 Elev. 374.22 - Not State Datum
 P.K. nail in R.P.#294226, 250'±
 N.W. of Hearthstone Rd.
 along the Plumtree Branch.

GENERAL NOTES

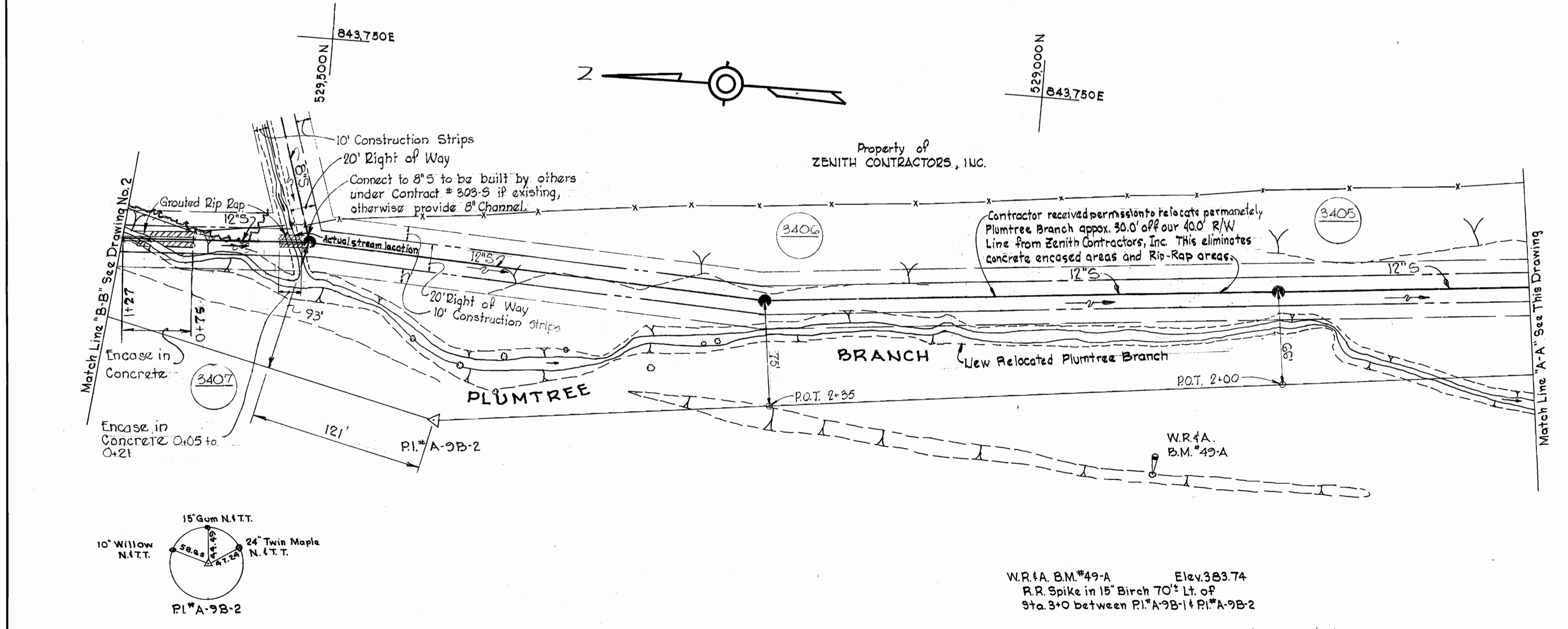
1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
2. All pipe elevations shown are invert elevations.
3. The Contractor shall 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. Build all manholes 1'-6" above existing ground unless otherwise noted.
6. All manholes shall be 4'-0" inside diameter.
7. Clear all utilities by a minimum of 6", clear all poles by 2'-0" minimum or tunnel as required.
8. The Contractor shall provide a joint in each sewer main within 2'-0" of all manhole exterior wall.
9. Cost of Grouted Rip-Rap and Class 'C' encasement to be included in the unit price bid for furnishing and laying of sewer mains.
10. All horizontal and vertical controls are based on Maryland State Datum in Part A; Part B based upon Howard County Datum.
11. All sewer pipe shall be V.C.P.X., Asbestos Cement Class 2400, or D.C.P. unless otherwise noted.



Kenneth M. Melrod

AS BUILT

Stakeout & Digry in FB.# 4745



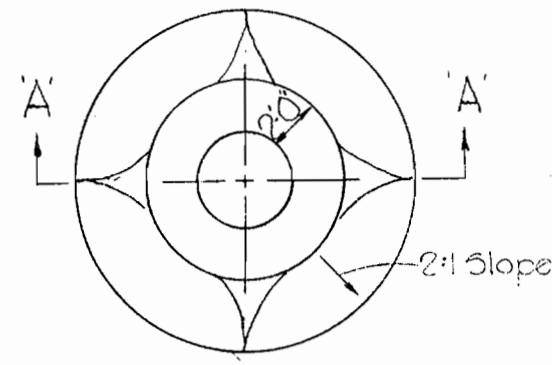
W.R.#A. B.M.#49-A Elev. 383.74
 R.R. Spike in 15' Birch 70'± Lt. of
 Sta. 3+0 between PI.#A-9B-1 & PI.#A-9B-2

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Feb 3 1976 DATE <i>W O Fellner</i> CHIEF ENGINEER	CONTRACT NO. 264-S	PLAN OF SEWER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 1 OF 3 SCALE AS SHOWN 218-483 217-483 216-483
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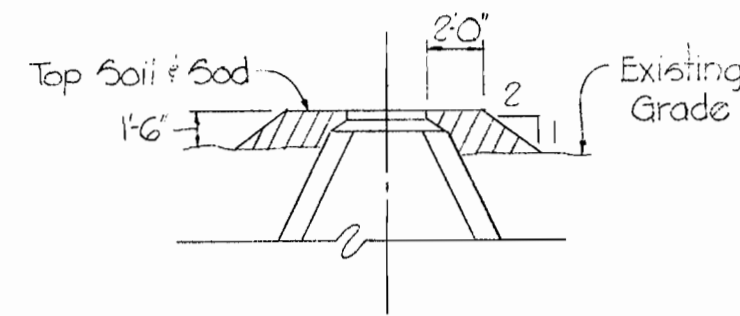
W. O. G021-2

AUGUST 28, 1971

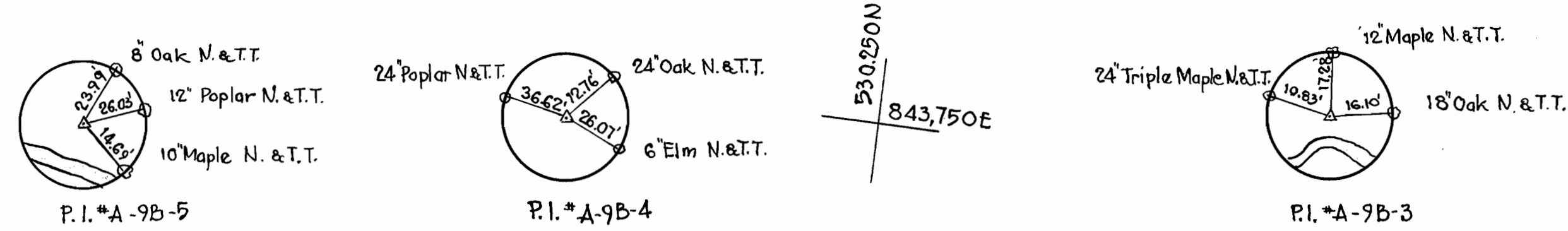
FB# 3706, 3544



PLAN

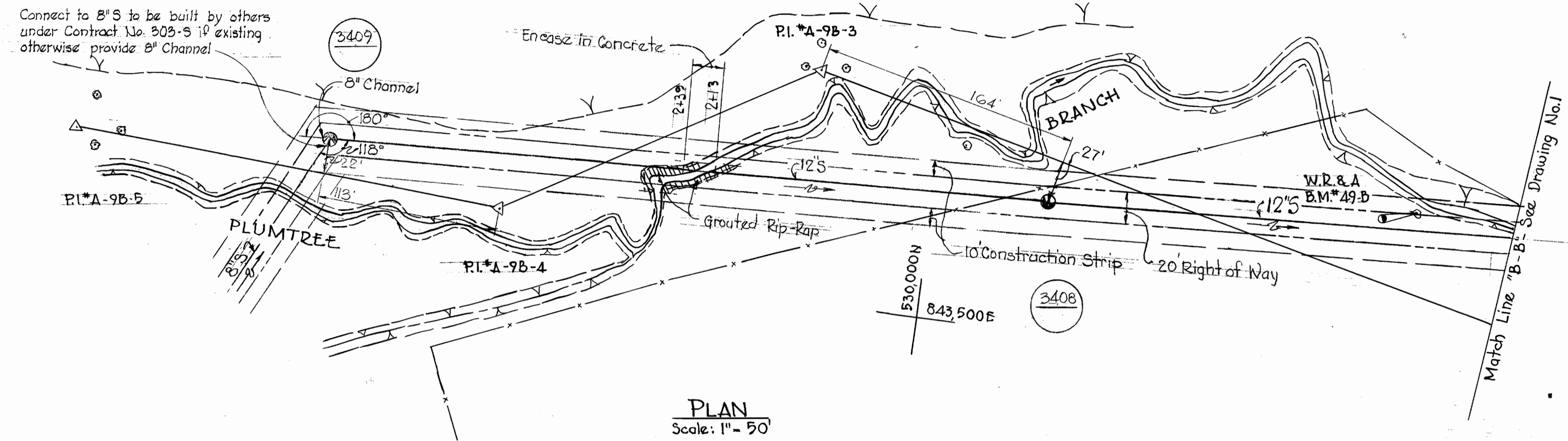


SECTION 'A-A'
FILL AT MANHOLES



Property of
ZENITH CONTRACTORS, INC.

W.R.&A. B.M. #49-B
R.R. Spike in stream side of 24' Twin
Maple 45±L of Sta. 3+00
P.I. #A-9B-2 & P.I. #9B-3.

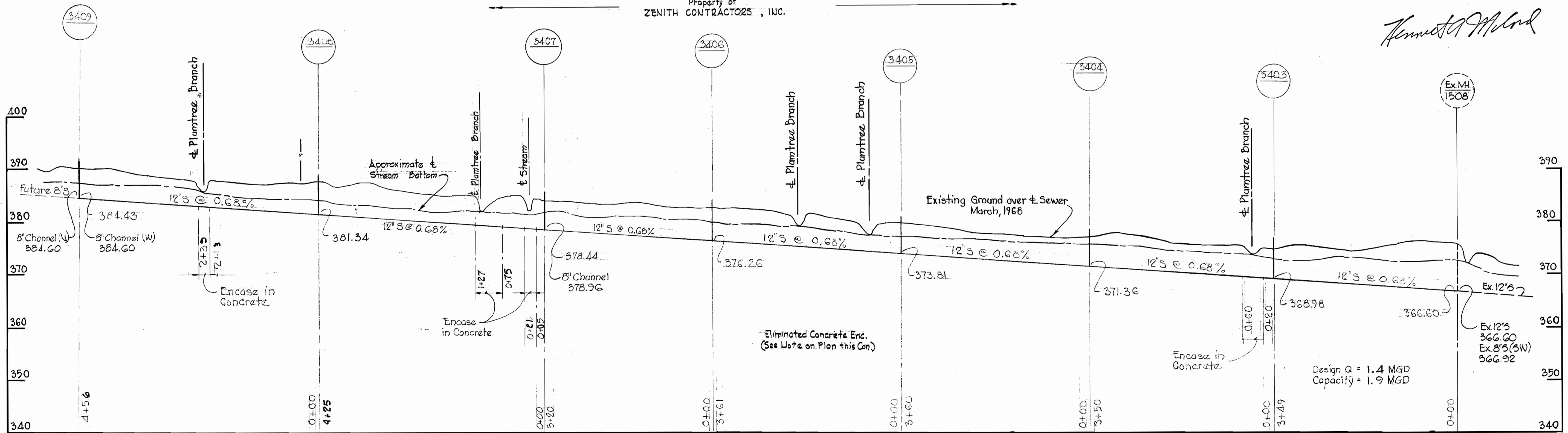


PLAN
Scale: 1" = 50'



Kenneth J. McLeod

Property of
ZENITH CONTRACTORS, INC.



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

All Sewer Pipes AC Class 2400

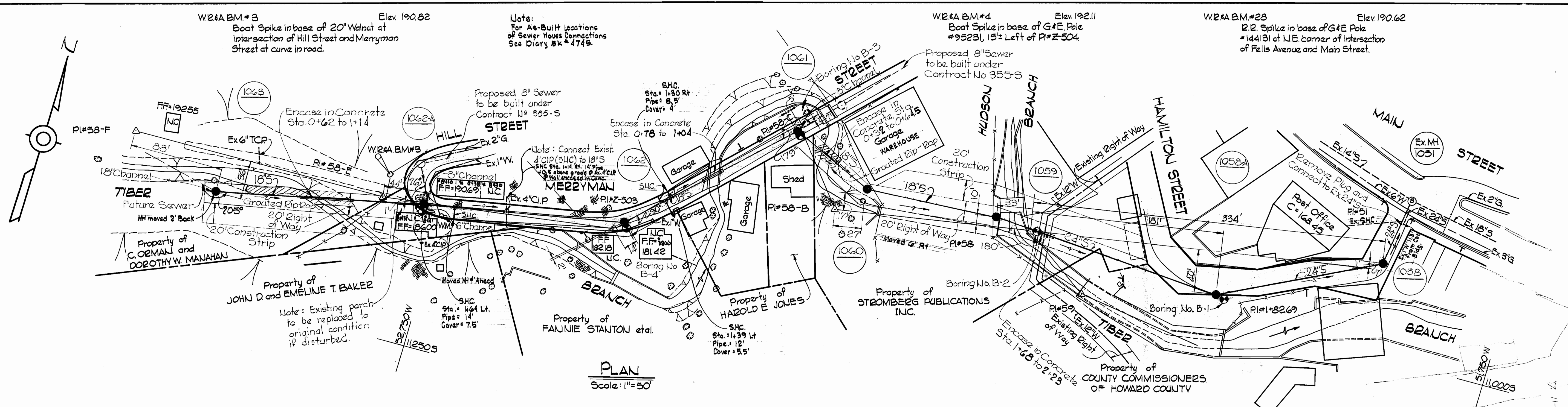
AS BUILT

PART "A"
Plumtree Branch Int. Sect. 2
Contract No. 264-S

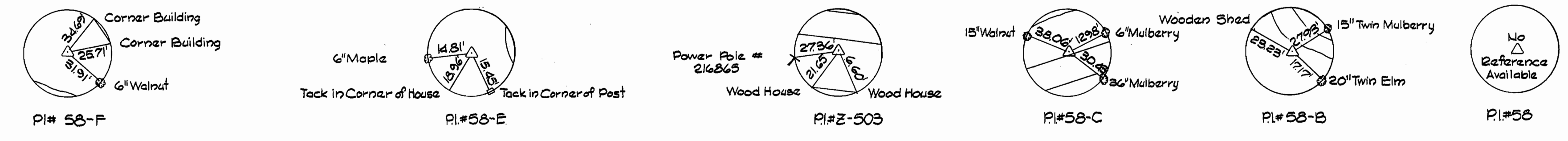
Design Q = 1.4 MGD
Capacity = 1.9 MGD

WS 264-S/2

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE <u>Feb 3 1970</u> <i>W O Filbert</i> CHIEF ENGINEER	CONTRACT NO. <u>264-S</u>	PLAN & PROFILES OF SEWER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. <u>2</u> OF <u>3</u> SCALE AS SHOWN <small>331-482 330-482 329-483</small>
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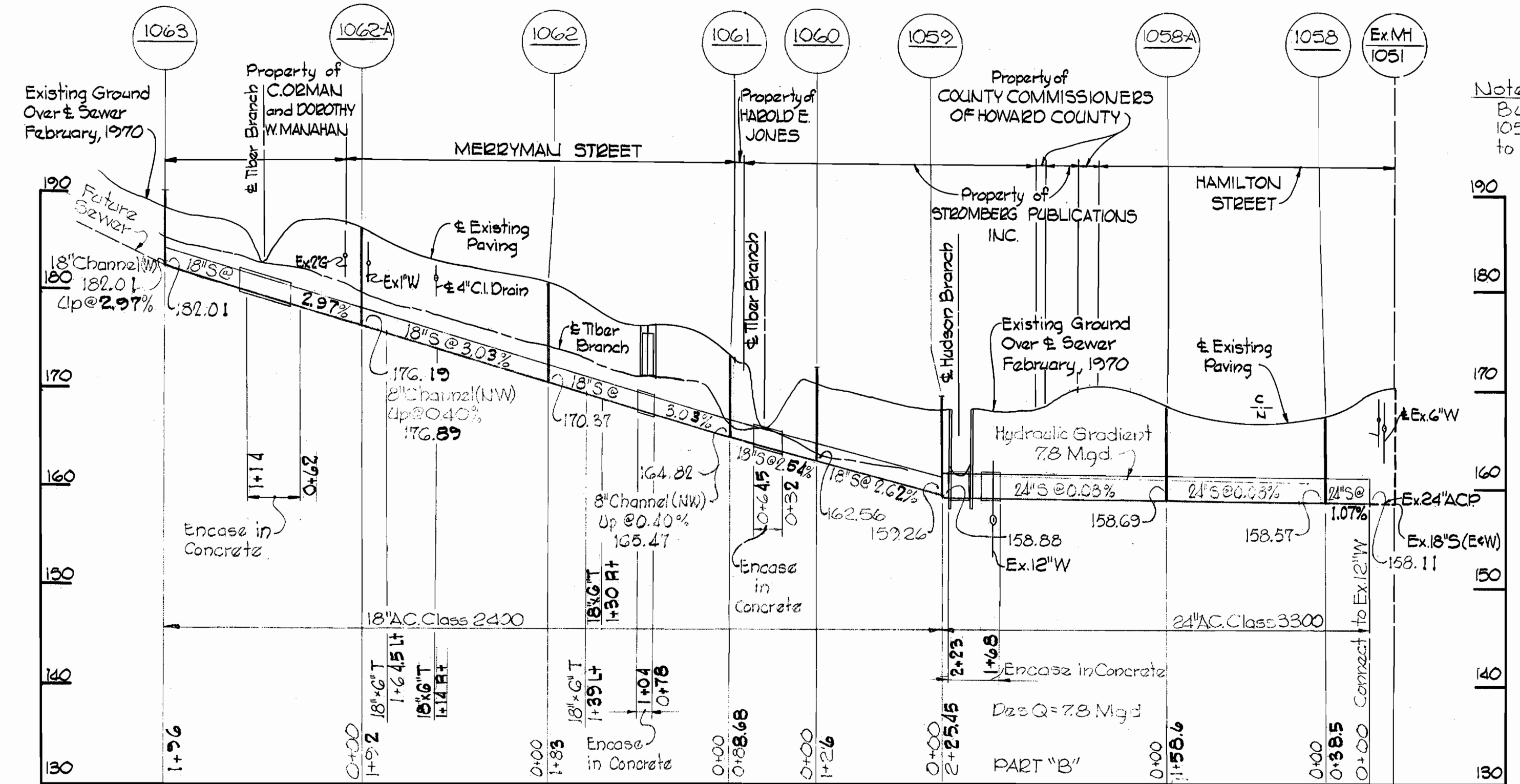
PLAN
Scale: 1"=50'



TIBER BRANCH

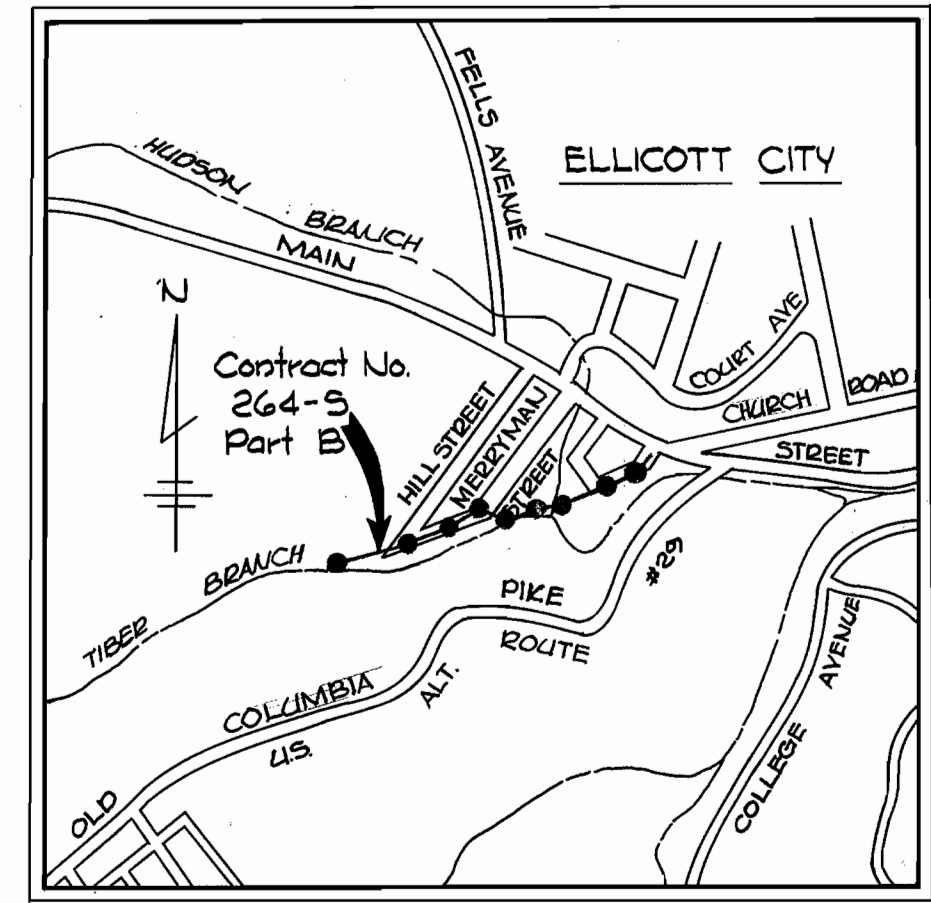
BORING LOG

Boring No.	Visual Classification
B-1	0-5' - Blacktop 5'-120" - Brown decomposed rock Boring dry upon completion
B-2	0-20' - Brown sand and gravel 20'-95' - Brown decomposed rock with boulders Encountered refusal at 95' Water level 40' upon completion
B-3	0-5' - Blacktop and gravel 5'-100' - Brown decomposed rock with boulders Boring dry upon completion
B-4	0-10' - Topsoil 10'-110' - Brown decomposed rock with boulders Boring dry upon completion

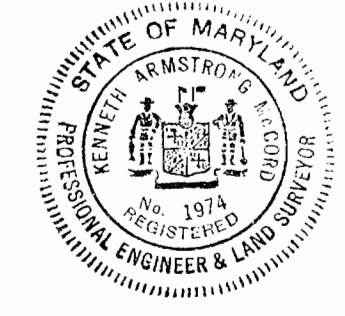


PROFILE
H: 1"=100'
V: 1"=10'

Note:
Build Manholes # 1058, 1058-A, 1061, 1062, 1062-A to Existing Grade.



VICINITY MAP
Scale: 1"=600'



Herbert M. Lord

Part "B"
Tiber Branch Int
Contract No. 264-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 3-19-70 DATE	CONTRACT NO. 264-S w. o. Pillent CHIEF-BUREAU OF WATER AND SEWER	PLAN & PROFILES OF SEWER MAINS	ELECTION DISTRICT ELLCOTT CITY NO.2	DRAWING NO. 3 OF 3	SCALE AS SHOWN
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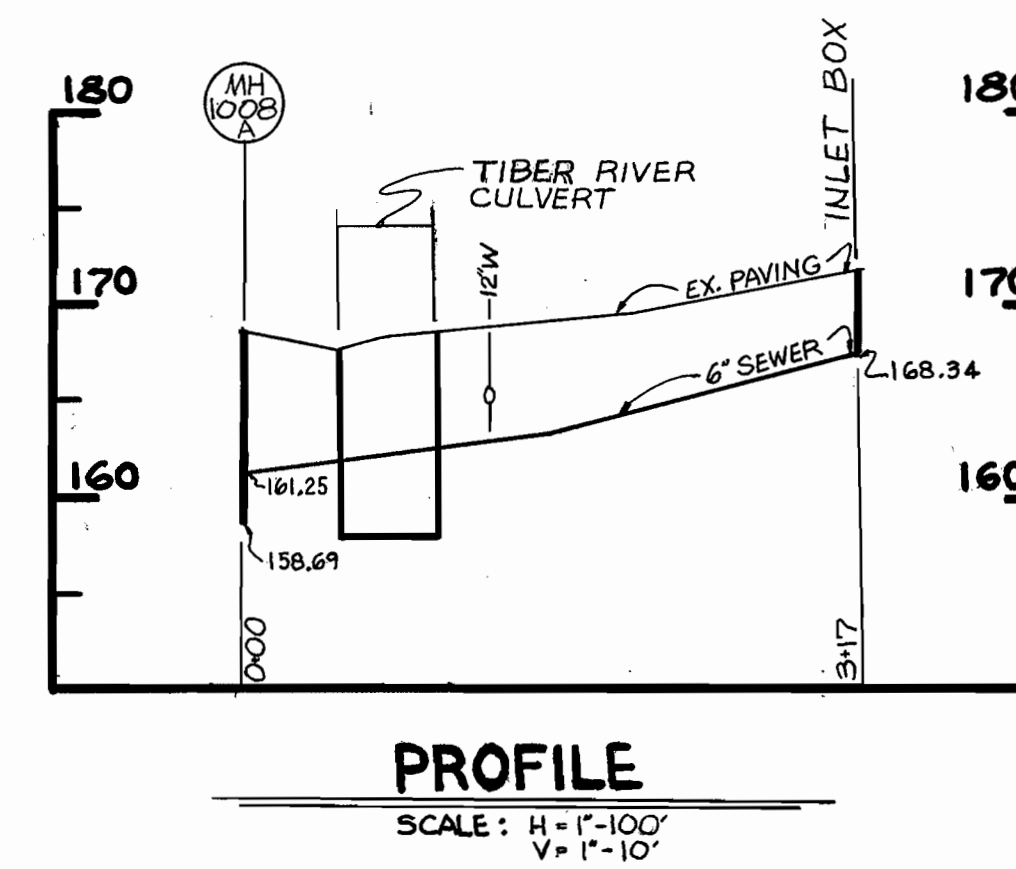
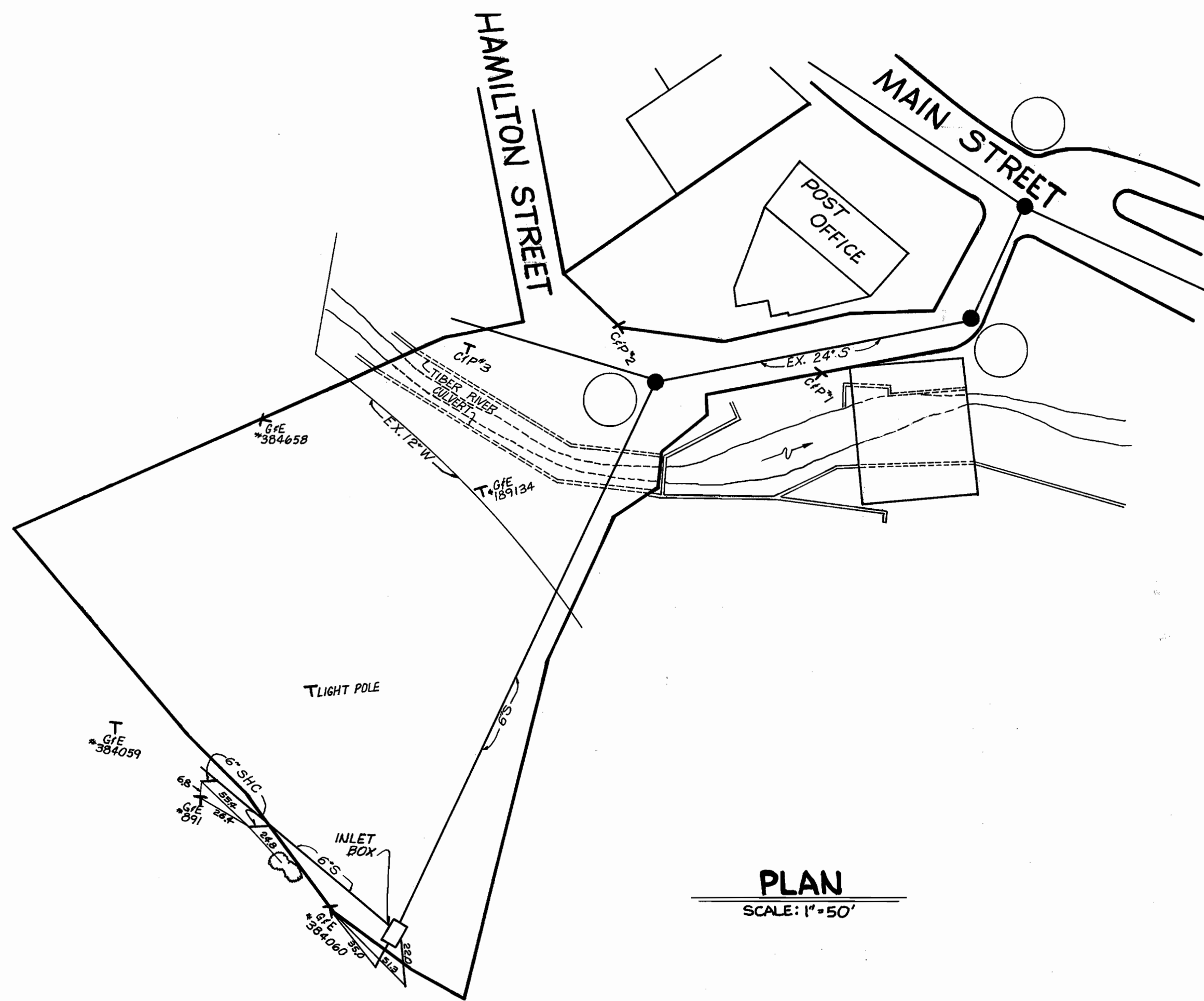
W. O. 6185-2

AUGUST 23 1971 FB#250925764587

WS 264-S/3

SUSPENSION

SUSPENSION



WS 264-B-S/3A

SUSPENSION

DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
INSPECTION & SURVEY DIVISION

HOWARD COUNTY MARYLAND
APPROVED _____ HOWARD COUNTY APPROVED LAND
DIRECTOR OF PUBLIC WORKS DATE _____ CHIEF - BUREAU OF ENGINEERING DATE _____

CONTRACT NO. 264-B

PLAN & PROFILE
OF SEWER MAINS

ELECTION DISTRICT
ELLCOTT CITY NO. 2

DRAWING NO. 3A
OF 3
SCALE AS SHOWN